

**Табела 6.4.** Списак SCI/ ССЦИ-индексираних радова по годинама за претходни трогодишњи период за Електротехнички факултет у Београду

**а) Радови са SCI/SCIE листе у 2015. години**

Р.Б	Радови (на СЦИ/ ССЦИ листи) у научним часописима са званичне листе ресорног министарства за науку у складу са захтевима допунских стандарда за дато поље (аутори, назив рада, часопис, година)	М коеф. (imp. f.)
1.	A.Demić, V. Milanović, J. Radovanović, " Bound states in the continuum generated by supersymmetric quantum mechanics and phase rigidity of the corresponding wavefunctions, PHYSICS LETTERS A, Vol. 379, pp. 2707 - 2714, 2015	M22, (1.677)
2.	N. Rajaković, V. Siljkut, 35. Shiljkut, V. M, Rajakovic, N. Lj, Demand response capacity estimation in various supply areas, Energy (2015), ISSN: 0360-5442, available on line since 29.5.2015. at: <a href="http://dx">http://dx</a> , ENERGY, Vol. Energy (2015), No. Energy (2015), pp. 457 - 468, 2015	M21a, (4.292)
3.	S. Srdic, Z. Despotovic, A Buck-Boost Converter Modified to Utilize 600V GaN Power Devices in a PV Application Requiring 1200V Devices, ADVANCES IN ELECTRICAL AND COMPUTER ENGINEERING, Vol. 15, No. 3, pp. 59 - 64, Aug, 2015	M23, (0.459)
4.	Zarko Stanisavljevic, Bosko Nikolic, Igor Tartalja, Veljko Milutinovic, A classification of eLearning tools based on the applied multimedia, MULTIMEDIA TOOLS AND APPLICATIONS, Vol. 74, No. 11, pp. 3843 - 3880, Jun, 2015	M21, (1.331)
5.	J. Trifunovic, M.B. Kostic, An Algorithm for Estimating the Grounding Resistance of Complex Grounding Systems Including Contact Resistance, IEEE TRANSACTIONS ON INDUSTRY APPLICATIONS, Vol. 51, No. 6, pp. 5167 - 5174, Dec, 2015	M21, (1.901)
6.	И. Бабић, Ж. Ђуришић, М. Ђарковић, Analysis of impact of building integrated photovoltaic systems on distribution network losses, JOURNAL OF RENEWABLE AND SUSTAINABLE ENERGY, Vol. 7, pp. 1 - 13, Jul, 2015	M23, (0.961)
7.	Jovan Popovic, Dragan Bojic, Nenad Korolija, Analysis of task effort estimation accuracy based on use case point size, IET SOFTWARE, pp. 166 - 173, Nov, 2015	M23, (0.473)
8.	M. Rosić, M. Bebić, Analysis of Torque Ripple Reduction in Induction Motor DTC Drive with Multiple Voltage Vectors, ADVANCES IN ELECTRICAL AND COMPUTER ENGINEERING, Vol. 15, No. 1, pp. 105 - 114, Feb, 2015	M23, (0.459)
9.	V. Topić, J. Crnjanski, M. Krstić, A. Totović, D. Gvozdić, Analytical Method for Calculation of the Photon Lifetime and External Coupling Coefficient in Index-Coupled Phase-Shifted DFB Lasers, IEEE JOURNAL OF SELECTED TOPICS IN QUANTUM ELECTRONICS, Vol. 21, No. 6, pp. 1503209 - 1503209-9, Dec, 2015	M21a, (3.466)
10.	Slobodan Savić, Aleksandra Krneta, Marija Stevanović, Dragan I. Olčan, Miodrag Tasić, Milan M. Ilić, D. Tošić, B. Kolundžija, Antonije R Djordjević, Analytic solutions of electromagnetic fields in inhomogeneous media, INTERNATIONAL JOURNAL OF ELECTRICAL ENGINEERING EDUCATION, Vol. 52, No. 2, pp. 131 - 141, Apr, 2015	M23, (0.302)
11.	V. Arsoški, N. Čukarić, M. Tadić, F. Peeters, An efficient finite-difference scheme for computation of electron states in free-standing and core-shell quantum wires, COMPUTER PHYSICS COMMUNICATIONS, Vol. 197, pp. 17 - 26, Dec, 2015	M21a, (3.635)
12.	M. Punt, M. Bjelica, V. Zdravkovic, N. Teslic, An integrated environment and development framework for social gaming using mobile devices, digital TV and Internet, MULTIMEDIA TOOLS AND APPLICATIONS, Vol. 74, No. 18, pp. 8137 - 8169, Sep, 2015	M21, (1.331)

13.	V. Milovanović, D. Milićev, An interactive tool for UML class model evolution in database applications, SOFTWARE AND SYSTEMS MODELING, Vol. 14, No. 3, pp. 1273 - 1295, 2015	M22, (0.99)
14.	С. Манојловић, Ž. Barbarić, С. Митровић, A novel active disturbance rejection based tracking design for laser system with quadrant photodetector, INTERNATIONAL JOURNAL OF CONTROL, Vol. 88, No. 6, pp. 1246 - 1256, May, 2015	M22, (1.88)
15.	S. Stefanovski, M. Potrebić, D. Tošić, A novel design of E-plane bandstop waveguide filter using quarter-wave resonators, OPTOELECTRONICS AND ADVANCED MATERIALS-RAPID COMMUNICATIONS, Vol. 9, No. 1-2, pp. 87 - 93, 2015	M23, (0.412)
16.	I. Ratkovic, N. Bežanić, O. Unsal, A. Cristal, V. Milutinović, An Overview of Architecture-Level Power- and Energy-Efficient Design Techniques, ADVANCES IN COMPUTERS, Vol. 98, pp. 1 - 57, Jan, 2015	M23, (0.303)
17.	S. Stojanović, D. Bojić, M. Bojović, An Overview of Selected Heterogeneous and Reconfigurable Architectures, ADVANCES IN COMPUTERS, Vol. 96, pp. 1 - 45, 2015	M23, (0.303)
18.	R. Čobeljić, N. Miljković, K. Ribarić-Jankes, L. Schwirtlich, A paradigm of galvanic vestibular stimulation diminishes the soleus muscle H-reflex in healthy volunteers, SPINAL CORD: THE OFFICIAL JOURNAL OF THE INTERNATIONAL MEDICAL SOCIETY OF PARAPLEGIA, pp. 1 - 4, Aug, 2015	M22, (1.546)
19.	Z. Radaković, M. Jovanović, V. Milošević, N. Ilić, Application of Earthing Backfill Materials in Desert Soil Conditions, IEEE TRANSACTIONS ON INDUSTRY APPLICATIONS, Vol. 51, No. 6, pp. 5288 - 5297, Nov, 2015	M21, (1.901)
20.	M. Potrebić, D. Tošić, Application of Memristors in Microwave Passive Circuits, RADIOENGINEERING, Vol. 24, No. 2, pp. 408 - 419, 2015	M23, (0.59)
21.	E. Kisić, Ž. Đurović, Б. Ковачевић, V. Petrović, Application of T2 Control Charts and Hidden Markov Models in Condition Based Maintenance at Thermoelectric Power Plants, SHOCK AND VIBRATION, Vol. 2015, pp. 1 - 11, Oct, 2015	M22, (0.88)
22.	Claudia Zaharia, Nataša Ćirović, A Probabilistic Fixed Point Result Using Altering Distance Functions, JOURNAL OF FUNCTION SPACES, Vol. 2015, No. Article ID 91920, pp. 1 - 6, Aug, 2015	M23, (0.426)
23.	I. Batas-Bjelić, H. Рајаковић, Б. Ћосић, H. Дуић, A REALISTIC EU VISION OF A LIGNITE-BASED ENERGY SYSTEM IN TRANSITION: CASE STUDY OF SERBIA, THERMAL SCIENCE, Vol. 19, No. 2, pp. 371 - 382, 2015	M23, (0.939)
24.	T. Šekara, M. Rapaić, A revision of root locus method with applications, JOURNAL OF PROCESS CONTROL, Vol. 34, pp. 26 - 34, Oct, 2015	M21, (2.216)
25.	A. Bobtsov, A. Pyrkin, R. Ortega, S. Vukosavić, A. Stankovic, E. Panteley, A robust globally convergent position observer for the permanent magnet synchronous motor, AUTOMATICA, Vol. 61, pp. 47 - 54, Nov, 2015	M21a, (3.635)
26.	М. Жарковић, Z. Stojković, Artificial intelligence based thermographic approach for high voltage substations risk assessment, IET GENERATION, TRANSMISSION AND DISTRIBUTION, Vol. 9, No. 14, pp. 1935 - 1945, Nov, 2015	M22, (1.576)
27.	A. Bošnjaković, J. Protić, D. Bojić, I. Tartalja, Automating the Knowledge Assessment Workflow for Large Student Groups: A Development Experience, INTERNATIONAL JOURNAL OF ENGINEERING EDUCATION, Vol. 31, No. 4, pp. 1058 - 1070, Jul, 2015	M23, (0.559)
28.	J. Sučević, A. Savić, M. Popović, S. Styles, V. Ković, Balloons and bavoons versus spikes and shikes: ERPs reveal shared neural processes for shape–sound-meaning congruence in words, and shape–sound congruence in pseudowords, BRAIN AND LANGUAGE, Vol. 145-146, pp. 11 - 22, Jun, 2015	M21a, (3.038)

29.	S. Stević, B. Iričanin, Z. Šmarda, Boundedness character of a fourth-order system of difference equations, ADVANCES IN DIFFERENCE EQUATIONS, Vol. 2015:315, pp. 1 - 11, Oct, 2015	M23, (0.297)
30.	B. Mišković, I. Reljin, Broadband DVB-T2 Channels at a Physical Level – Simulation Analysis, ELEKTRONIKA IR ELEKTROTEHNIKA, Vol. 21, No. 1, pp. 70 - 75, 2015	M23, (0.389)
31.	J. Dabin, A. Negri, J. Farah, O. Ciraj-Bjelac, I. Clairand, e. al, Characterisation of grids of point detectors in maximum skin dose measurement in fluoroscopically-guided interventional procedures, PHYSICA MEDICA, Vol. 31, No. 8, pp. 1112 - 1117, 2015	M22, (1.763)
32.	J. Farah, A. Trianni, O. Ciraj-Bjelac, I. Clairand, C. De Angelis, e. al, Characterization of XR-RV3 GafChromic® films in standard laboratory and in clinical conditions and means to evaluate uncertainties and reduce errors, MEDICAL PHYSICS, Vol. 42, pp. 4211 - 4226, 2015	M22, (2.496)
33.	M. Grujić, M. Тадић, F. Peeters, Chiral properties of topological-state loops, PHYSICAL REVIEW B, Vol. 91, No. 24, pp. 245432-1 - 245432-6, Jun, 2015	M21, (3.736)
34.	N. Rajaković, S. Dimitrijevic, Consideration of healthy MV busbar feeders in the restoration of distribution networks, ELECTRICAL ENGINEERING (ARCHIV FUR ELEKTROTECHNIK), Vol. 12/2015, pp. 345 - 356, Dec, 2015	M23, (0.662)
35.	M. Koprivica, A. Nešković, N. Nešković, Conversion from mono-axial to isotropic measurements for assessing human exposure to electromagnetic fields of GSM/DCS/UMTS base stations, ANNALES DES TELECOMMUNICATIONS-ANNALS OF TELECOMMUNICATIONS, Vol. 70, No. 9, pp. 407 - 414, Oct, 2015	M23, (0.722)
36.	S. Arsic, L. Konstantinovic, F. Eminovic, D. Pavlovic, M. Popović, V. Arsic, Correlation between the Quality of Attention and Cognitive Competence with Motor Action in Stroke Patients, BIOMED RESEARCH INTERNATIONAL, Vol. 2015, No. Article ID 82313, pp. 1 - 8, 2015	M22, (2.134)
37.	P. Ivanis, D. Drajić, S. Brkić, Cross-Layer Combining of Adaptive Modulation and Truncated ARQ in Multichannel Beamforming MIMO Systems, RADIOENGINEERING, Vol. 24, No. 4, pp. 1050 - 1059, Dec, 2015	M23, (0.59)
38.	A. Radosavljevic, J. Radovanovic, V. Milanović, D. Indjin, Cubic GaN/AlGaIn based quantum wells optimized for applications to tunable mid-infrared photodetectors, OPTICAL AND QUANTUM ELECTRONICS, Vol. 47, pp. 865 - 872, Apr, 2015	M22, (1.29)
39.	Z. Radaković, У. Радоман, P. Kostić, Decomposition of the Hot-Spot Factor, IEEE TRANSACTIONS ON POWER DELIVERY, Vol. 30, No. 1, pp. 403 - 411, Jan, 2015	M21, (2.032)
40.	N. Stojanović, B. Simić, K. Stanković, D. Lazarević, Degradation effects of the output electrical characteristics of Si solar cells as a result of ionizing radiation under low light conditions, NUCLEAR TECHNOLOGY AND RADIATION PROTECTION, Vol. 30, No. 3, pp. 210 - 213, 2015	M23, (0.372)
41.	D. Miljanović, M. Potrebić, D. Tošić, Design of Microwave Multibandpass Filters with Quasilumped Resonators, MATHEMATICAL PROBLEMS IN ENGINEERING, Vol. 2015, pp. 1 - 14, 2015	M23, (0.644)
42.	D. Gajić, Ž. Đurović, J. Gligorijević, S. Di Gennaro, I. Savić-Gajić, Detection of epileptiform activity in EEG signals based on time-frequency and non-linear analysis, FRONTIERS IN COMPUTATIONAL NEUROSCIENCE, pp. 1 - 12, Mar, 2015	M21, (2.653)
43.	P. Stefanov, A. Savić, G. Dobrić, Development and Operational Planning of Power Systems by Comparing Scenarios during Multi-Objective Optimization, ACTA PHYSICA POLONICA A, pp. 138 - 142, Aug, 2015	M23, (0.525)
44.	Zivojin Sustran, Goran Rakocevic, Veljko Milutinovic, Dual Data Cache Systems: Architecture and Analysis, ADVANCES IN COMPUTERS, Vol. 96, pp. 187 - 223, Feb, 2015	M23, (0.303)

45.	E. Chobanyan, N. Šekeljić, M. Ilić, A. Manić, V. N. Bringi, B. Notaroš, Efficient and Accurate Computational Electromagnetics Approach to Precipitation Particle Scattering Analysis Based on Higher-Order Method of Moments Integral Equation Modeling, JOURNAL OF ATMOSPHERIC AND OCEANIC TECHNOLOGY / AMERICAN METEOROLOGICAL SOCIETY, Vol. 32, No. 10, pp. 1745 - 1758, Oct, 2015	M21, (2.159)
46.	M. Popovic, D. Drajić, S. Krco, Evaluation of the UTRAN (HSPA) performance in different configurations in the presence of M2M and Online Gaming traffic, EUROPEAN TRANSACTIONS ON TELECOMMUNICATIONS, Vol. 26, No. 5, pp. 800 - 812, May, 2015	M22, (1.354)
47.	M. Dalarsson, M. Norgren, Z. Jakšić, Exact analytical solution for fields in a lossy cylindrical structure with linear gradient index metamaterials, PROGRESS IN ELECTROMAGNETICS RESEARCH-PIER, Vol. 151, pp. 109 - 117, 2015	M22, (1.315)
48.	E. Carinou, P. Ferrari, O. Ciraj-Bjelac, M. Gingaume, M. Sans Merce, U. O'Connor, Eye lens monitoring for interventional radiology personnel: dosimeters, calibration and practical aspects of H p (3) monitoring. A 2015 review, JOURNAL OF RADIOLOGICAL PROTECTION, Vol. 35, pp. R17 - R34, 2015	M21, (1.581)
49.	P. Vuletić, J. Vuleta-Radoičić, D. Kalogeras, Federated trouble ticket system for service management support in loosely coupled multi-domain environments, INTERNATIONAL JOURNAL OF NETWORK MANAGEMENT, Vol. 25, No. 2, pp. 95 - 112, Mar, 2015	M23, (0.681)
50.	M. Alimpijević, K. Stanković, Free electron gas spectrum parameters of noble gases in dc electric field, RADIATION EFFECTS AND DEFECTS IN SOLIDS, Vol. 179, No. 9, pp. 719 - 728, 2015	M23, (0.472)
51.	K. Stanković, M. Alimpijević, Free-Electron Gas Spectrum Uniqueness in the Mixture of Noble Gases, CONTRIBUTIONS TO PLASMA PHYSICS, Vol. 55, pp. 1 - 9, 2015	M23, (1.255)
52.	D. Šošić, M. Žarković, G. Dobrić, Fuzzy-based Monte Carlo simulation for harmonic load flow in distribution networks, IET GENERATION, TRANSMISSION AND DISTRIBUTION, Vol. 9, No. 3, pp. 267 - 275, Feb, 2015	M22, (1.576)
53.	M. Žarković, Z. Stojković, Fuzzy logic and artificial neural network based thermography approach for monitoring of high voltage equipment, INTERNATIONAL JOURNAL OF ELECTRICAL ENGINEERING EDUCATION, Vol. 52, No. 1, pp. 81 - 96, Jan, 2015	M23, (0.302)
54.	Z. Radaković, N. Paunović, V. Milošević, M. Jovanović, Generating simple-to-apply comprehensive engineering recommendation for earthing safety in systems with solidly earthed neutral, IET GENERATION, TRANSMISSION AND DISTRIBUTION, Vol. 9, No. 16, pp. 217 - 252, Dec, 2015	M22, (1.576)
55.	D. Dundjerski, M. Tomašević, Graphical processing unit-based parallelization of the Open Shortest Path First and Border Gateway Protocol routing protocols, CONCURRENCY AND COMPUTATION-PRACTICE & EXPERIENCE, Vol. 27, No. 1, pp. 237 - 251, Jan, 2015	M22, (0.942)
56.	S. Vukosavić, L. Peric, High Precision Sensing of DC Bias in AC Grids, IEEE TRANSACTIONS ON POWER DELIVERY, Vol. 30, No. 3, pp. 1179 - 1186, Jun, 2015	M21, (2.032)
57.	M. Krstić, M. Bjelica, Impact of class imbalance on personalized program guide performance, IEEE TRANSACTIONS ON CONSUMER ELECTRONICS, Vol. 61, No. 1, pp. 90 - 95, Feb, 2015	M22, (1.12)
58.	I. Babić, Ж. Ђуришић, Impact of daily variation of solar radiation on photovoltaic plants economy at the open market: A case study "Bavanište" (Serbia), THERMAL SCIENCE, Vol. 19, No. 3, pp. 837 - 844, Jan, 2015	M23, (0.939)

59.	P. Matić, A. Rakić, D. Marčetić, S. Vukosavić, Improved Torque Control of High Speed Shaft-Sensorless Induction Motor Drive, AUTOMATIKA, Vol. 56, No. 4, pp. 443 - 453, Dec, 2015	M23, (0.311)
60.	P. Pejović, M. Simić, Improving precision of mobile positioning in highway environments, ANNALES DES TELECOMMUNICATIONS-ANNALS OF TELECOMMUNICATIONS, Vol. 70, No. 11, pp. 491 - 500, 2015	M23, (0.722)
61.	Vlada Sokolović, Goran Dikić, Goran Marković, Rade Stančić, Nebojša Lukić, INS/GPS Navigation System Based on MEMS Technologies, STROJNISKI VESTNIK-JOURNAL OF MECHANICAL ENGINEERING, Vol. 61, No. 7-8, pp. 448 - 458, Jul, 2015	M23, (0.677)
62.	M. Zivanovic, D. Lazarevic, O. Ciraj-Bjelac, S. Stankovic, S. Ceklic, K. Kaardzic, Intercomparisons as an important element of quality assurance in metrology of ionising radiation, NUCLEAR TECHNOLOGY AND RADIATION PROTECTION, Vol. 30, pp. 225 - 231, 2015	M23, (0.372)
63.	G. B. Markovic, M. L. Dukic, Joint cumulant estimate correction and decision for cooperative modulation classification by using multiple sensors, ANNALES DES TELECOMMUNICATIONS-ANNALS OF TELECOMMUNICATIONS, Vol. 70, No. 5-6, pp. 197 - 206, Jun, 2015	M23, (0.722)
64.	Ana Anastasijevic, Duska Coja, Natasa Neskovic, Aleksandar Neskovic, Djurdj Budimir, Joint power amplifier and I/Q modulator impairments modelling and compensation for LTE transmitters using artificial neural networks, AEU-INTERNATIONAL JOURNAL OF ELECTRONICS AND COMMUNICATIONS, Vol. 69, No. 2, pp. 529 - 538, Feb, 2015	M23, (0.786)
65.	E. Chobanyan, M. Ilić, B. Notaroš, Lagrange-type modeling of continuous dielectric permittivity variation in double-higher-order volume integral equation method, RADIO SCIENCE, Vol. 50, No. 5, pp. 406 - 414, May, 2015	M22, (1.273)
66.	M. Бањанин, М. Савић, Z. Stojković, Lightning protection of overhead transmission lines using external ground wires, ELECTRIC POWER SYSTEMS RESEARCH, Vol. 127, pp. 206 - 212, Oct, 2015	M22, (1.809)
67.	T. Stević, B. Iričanin, LONG-TERM BEHAVIOR OF A CYCLIC MAX-TYPE SYSTEM OF DIFFERENCE EQUATIONS, Electronic Journal of Differential Equations, Vol. 2015, No. 234, pp. 1 - 12, Sep, 2015	M22, (0.769)
68.	B. Milinković, M. Milićević, Đ. Simić, G. Stojanović, R. Đurić, Low-pass filter for UWB system with the circuit for compensation of process induced on-chip capacitor variation, INFORMACIJE MIDEM-JOURNAL OF MICROELECTRONICS ELECTRONIC COMPONENTS AND MAT, Vol. 45, No. 4, pp. 266 - 276, Dec, 2015	M23, (0.433)
69.	J. Farah, A. Trianni, E. Carinou, O. Ciraj-Bjelac, e. al, Measurement of maximum skin dose in interventional radiology and cardiology and challenges in the set-up of European alert thresholds., RADIATION PROTECTION DOSIMETRY, pp. 138 - 142, 2015	M22, (0.894)
70.	N. Mitrović, M. Ponjavić, Multi-Channel 2-D Direction Finding Based On Differential Amplitude Detection, IEEE SENSORS JOURNAL, No. 99, pp. 1 - 7, May, 2015	M21, (1.889)
71.	A. Kos, S. Tomažič, N. Trifunović, M. Valero, V. Milutinović, New Benchmarking Methodology and Programming Model for Big Data Processing, INTERNATIONAL JOURNAL OF DISTRIBUTED SENSOR NETWORKS, pp. 1 - 7, 2015	M23, (0.906)
72.	Jovović Ivana, Koledin Tamara, Stanić Zoran, Non-bipartite graphs of fixed order and size that minimize the least eigenvalue, LINEAR ALGEBRA AND ITS APPLICATIONS, Vol. 477, pp. 148 - 164, Jul, 2015	M21, (0.965)
73.	N. Filipovic, M. Zivanovic, A. Savić, G. Bijelic, Numerical simulation of iontophoresis in the drug delivery system, COMPUTER METHODS IN BIOMECHANICS AND BIOMEDICAL ENGINEERING, pp. 1 - 6, Nov, 2015	M21, (1.85)

74.	A. Totović, J. Crnjanski, M. Krstić, D. Gvozdić, Numerical Study of the Small-Signal Modulation Bandwidth of Reflective and Traveling-Wave SOAs, JOURNAL OF LIGHTWAVE TECHNOLOGY, Vol. 33, No. 13, pp. 2758 - 2764, Jul, 2015	M21, (2.567)
75.	S. Stević, B. Iričanin, Z. Šmarda, On a close to symmetric system of difference equations of second order, ADVANCES IN DIFFERENCE EQUATIONS, Vol. 2015, No. 264, pp. 1 - 17, Aug, 2015	M23, (0.297)
76.	S. Stević, B. Iričanin, Z. Šmarda, On a product-type system of difference equations of second order solvable in closed form, JOURNAL OF INEQUALITIES AND APPLICATIONS, Vol. 2015:327, pp. 1 - 15, Oct, 2015	M22, (0.63)
77.	S. Brkic, O. Al Rasheed, P. Ivanis, B. Vasic, On Fault-Tolerance of the Gallager B Decoder under Data-Dependent Gate Failures, IEEE COMMUNICATIONS LETTERS, Vol. 19, No. 8, pp. 1299 - 1302, Aug, 2015	M22, (1.291)
78.	S. Stević, J. Diblík, B. Iričanin, Z. Šmarda, On the system of difference equations $x(n)=x(n-1)y(n-2)/(ay(n-2)+by(n-1))$ , $y(n)=y(n-1)x(n-2)/(cx(n-2)+dx(n-1))$ , APPLIED MATHEMATICS AND COMPUTATION, Vol. 270, pp. 688 - 704, Nov, 2015	M21, (1.345)
79.	N. Ninković, S. Gajin, I. Reljin, Packet Dispersion Strategy Evaluation from the Perspective of Packet Loss Pattern and VoIP Quality, COMPUTER SCIENCE AND INFORMATION SYSTEMS - COMSIS, pp. 1 - 23, 2015	M23, (0.623)
80.	Н. Малетић, М. Чабаркапа, N. Nešković, Performance of fixed-gain amplify-and-forward nonlinear relaying with hardware impairments, INTERNATIONAL JOURNAL OF COMMUNICATION SYSTEMS, pp. 1 - 16, Nov, 2015	M22, (1.099)
81.	S. Jaćimovski, M. Bukurov, J. Šetrajčić, D. Raković, Phonon thermal conductivity of graphene, SUPERLATTICES AND MICROSTRUCTURES, Vol. 88, pp. 330 - 337, 2015	M22, (2.117)
82.	N. Jevtić, V. Drndarević, PLUG AND PLAY GEIGER-MULLER DETECTOR FOR ENVIRONMENTAL MONITORING, INSTRUMENTATION SCIENCE AND TECHNOLOGY, Vol. 43, No. 2, pp. 222 - 243, Jan, 2015	M23, (0.525)
83.	N. Vuković, A. Daničić, J. Radovanovic, V. Milanović, D. Indin, Possibilities of achieving negative refraction in QCL-based semiconductor metamaterials in the THz spectral range, OPTICAL AND QUANTUM ELECTRONICS, Vol. 47, pp. 883 - 891, Apr, 2015	M22, (1.29)
84.	N. Vuković, A. Daničić, J. Radovanović, V. Milanović, D. Indjin, Possibilities of achieving negative refraction in QCL-based semiconductor metamaterials in the THz spectral range, OPTICAL AND QUANTUM ELECTRONICS, Vol. 47, pp. 883 - 891, 2015	M22, (1.29)
85.	O. Ciraj-Bjelac, M. Gavrilovic, D. Arandjic, M. Vujovic, P. Bozovic, Radiation exposure during x-ray examinations in a large paediatric hospital in Serbia, RADIATION PROTECTION DOSIMETRY, pp. 00 - 00, 2015	M22, (0.894)
86.	N. Miljković, N. Malešević, V. Kojić, G. Bijelić, T. Keller, D.B. Popović, Recording and assessment of evoked potentials with electrode arrays, MEDICAL AND BIOLOGICAL ENGINEERING AND COMPUTING, Vol. 53, No. 9, pp. 857 - 867, Sep, 2015	M22, (1.797)
87.	K. Huang, Y. Liu, N. Korolija, J. Carulli, Y. Makris, Recycled IC Detection based on Statistical Methods, IEEE TRANSACTIONS ON COMPUTER-AIDED DESIGN OF INTEGRATED CIRCUITS AND SYSTE, Vol. 34, No. 6, pp. 947 - 960, Jun, 2015	M22, (1.181)
88.	O. Djordjevic, L. Konstantinović, N. Miljković, G. Bijelić, Relationship between electromyographic signal amplitude and thickness change of the trunk muscles in subjects with and without low back pain, CLINICAL JOURNAL OF PAIN, Vol. 31, No. 10, pp. 893 - 902, Oct, 2015	M22, (2.712)

89.	S. Brkic, P. Ivanis, B. Vasic, Reliability of Memories Built from Unreliable Components under Data-Dependent Gate Failures, IEEE COMMUNICATIONS LETTERS, Vol. 19, No. 12, pp. 2098 - 2101, Dec, 2015	M22, (1.291)
90.	U. Ralević, G. Isić, B. Vasić, D. Gvozdić, R. Gajić, Role of waveguide geometry in graphene-based electro-absorptive optical modulators, JOURNAL OF PHYSICS D: APPLIED PHYSICS, Vol. 48, No. 35, pp. 355102 - 355102-9, Aug, 2015	M21, (2.772)
91.	Simon A. Gebrewold, Romain Bonjour, Sophie Barbet, Anaëlle Maho, Romain Brenot, Philippe Chanclou, Marco Brunero, Lucia Marazzi, Paola Parolari, Angelina Totovic, Dejan Gvozdic, David Hillerkuss, Christian Hafner, Juerg Leuthold, Self-Seeded RSOA-Fiber Cavity Lasers vs. ASE Spectrum-Sliced or Externally Seeded Transmitters—A Comparative Study, Applied Sciences, Vol. 5, No. 4, pp. 1922 - 1941, Dec, 2015	M22, (1.726)
92.	M. Marković, S. Došen, D.B. Popović, B. Graimann, D. Farina, Sensor fusion and computer vision for context-aware control of a multi degree-of-freedom prosthesis, JOURNAL OF NEURAL ENGINEERING, Vol. 12, No. 066022, pp. 1 - 15, Dec, 2015	M21, (3.493)
93.	H. Бежанић, I. Popović, Service-oriented implementation model for smart transducers network, COMPUTER STANDARDS & INTERFACES, Vol. 38, pp. 78 - 83, Feb, 2015	M22, (1.268)
94.	N. Rajaković, S. Dimitrijevic, Service Restoration of Distribution Networks Considering Switching Operation Costs and Actual Status of the Switching Equipment IEEE TRANSACTIONS ON SMART GRID 2015 6 (3):1227-1232, IEEE TRANSACTIONS ON SMART GRID, Vol. 6, No. 3, pp. 1227 - 1233, May, 2015	M21a, (3.19)
95.	I. Batas-Bjelić, N. Rajaković, Simulation-based optimization of sustainable national energy systems, ENERGY, Vol. 91, pp. 1087 - 1098, 2015	M21a, (4.292)
96.	M. Malović, Lj. Brajović, Z. Mišković, T. Šekara, Simultaneity Analysis In A Wireless Sensor Network, METROLOGY AND MEASUREMENT SYSTEMS, Vol. 22, No. 2, pp. 275 - 288, Jun, 2015	M23, (1.14)
97.	A. Kos, V. Ranković, V. Milutinović, S. Tomažič, Sorting Networks on Maxeler Dataflow Supercomputing Systems, ADVANCES IN COMPUTERS, pp 139 - 186, 2015	M23, (0.303)
98.	N. Šekeljčić, M. Ilić, B. Notaroš, Spatially Large-Domain and Temporally Entire-Domain Electric-Field Integral Equation Method of Moments for 3-D Scattering Analysis in Time Domain, IEEE TRANSACTIONS ON ANTENNAS AND PROPAGATION, Vol. 63, No. 6, pp. 2614 - 2626, Jun, 2015	M21, (2.053)
99.	N. Stojanović, K. Stanković, T. Stojić, D. Lazarević, Stability of Electric Characteristics of solar cells for continuous power supply, NUCLEAR TECHNOLOGY AND RADIATION PROTECTION, Vol. 30, No. 4, pp. 0 - 0, 2015	M23, (0.372)
100.	A. Radojković, S. Savić, N. Jović, J. Čirković, Ž. V.Despotović, A. Ribić, Z. Branković, G. Branković, Structural and electrical properties of BaCe <sub>0.9</sub> Eu <sub>0.1</sub> O <sub>2.95</sub> electrolyte for IT-SOFCs, ELECTROCHIMICA ACTA, Vol. 161, pp. 153 - 158, Apr, 2015	M21, (4.803)
101.	M. Savić, A. Savic, Substation Lightning Performance Estimation Due to Strikes Into Connected Overhead Lines, IEEE TRANSACTIONS ON POWER DELIVERY, Vol. 30, No. 4, pp. 1752 - 1760, Aug, 2015	M21, (2.032)
102.	D. Tanasković, Z. Jakšić, M. Obradov, O. Jakšić, Super unit cells in aperture-based metamaterials, JOURNAL OF NANOMATERIALS, Vol. 2015, pp. 312064.1 - 312064.9, 2015	M22, (1.758)
103.	M. Krstić, J. Crnjanski, A. Totović, D. Gvozdić, Switching of Bistable Injection-Locked Fabry-Pérot Laser by Frequency Detuning Variation, IEEE JOURNAL OF SELECTED TOPICS IN QUANTUM ELECTRONICS, Vol. 21, No. 6, pp. 1801509 - 1801509-9, Dec, 2015	M21a, (3.466)

104.	N. Kamaraju, W. Pan, U. Ekenberg, D. Gvozdić, S. Boubanga-Tombet, P. Upadhy, J. Reno, A. Taylor, R. Prasankumar, Terahertz magneto-optical spectroscopy of a two-dimensional hole gas, APPLIED PHYSICS LETTERS, Vol. 106, pp. 031902 - 031902-4, Jan, 2015	M21, (3.142)
105.	G. Dobrić, Z. Stojanović, Z. Stojković, The application of genetic algorithm in diagnostics of metal-oxide surge arrester, ELECTRIC POWER SYSTEMS RESEARCH, Vol. 119, pp. 76 - 82, Feb, 2015	M22, (1.809)
106.	D. Šumarac Pavlović, M. Mijić, D. Mašović, The influence of proscenium boxes on acoustic response in historical opera halls, JOURNAL OF THE ACOUSTICAL SOCIETY OF AMERICA, Vol. 138, No. 3, pp. 1533 - 1536, Sep, 2015	M22, (1.572)
107.	Ž.V. Despotović, V. Šinik, THE SIMULATION AND EXPERIMENTAL RESULTS OF DYNAMIC BEHAVIOUR OF TORQUE MOTOR HAVING PERMANENT MAGNETS, JOURNAL OF ELECTRICAL ENGINEERING-ELEKTROTEHNIČKI CASOPIS, Vol. 66, No. 2, pp. 1 - 6, Apr, 2015	M23, (0.407)
108.	N. Rajaković, D. Tovilović, The simultaneous impact of photovoltaic systems and plug-in electric vehicles on the daily load and voltage profiles and the harmonic voltage distortions in urban distribution systems, RENEWABLE ENERGY, pp. 454 - 464, Apr, 2015	M21, (3.404)
109.	S. Mirić, M. Nedeljković, THE SOLAR PANEL SIMULATOR, REVUE ROUMAINE DES SCIENCES TECHNIQUES-SERIE ELECTROTECHNIQUE ET ENERGETIQUE, No. 3, pp. 273 - 281, Aug, 2015	M23, (0.524)
110.	N. Zdjelarević, M. Vujisić, TID and NIEL Assessment in Alpha Irradiated Phase Change Memory Cells Based on Simulations, JOURNAL OF OVONIC RESEARCH, Vol. 11, No. 4, pp. 175 - 182, 2015	M23, (0.692)
111.	D. Maletić, N. Puač, N. Selaković, S. Lazović, G. Malović, Z. Petrović, A. Đorđević, Time-resolved optical emission imaging of atmospheric plasma jet for different electrode positions with a constant electrode gap, PLASMA SOURCES SCIENCE AND TECHNOLOGY, Vol. 24, pp. 1 - 9, Mar, 2015	M21, (2.808)
112.	J. Станковић, P. Маринковић, O. Цирај-Бјелац, J. Каљевић, Д. Аранђић, Ђ. Лазаревић, Toward utilization of MCNP5 particle track output file for simulation problems in photon spectrometry, COMPUTER PHYSICS COMMUNICATIONS, Vol. 195, pp. 77 - 83, May, 2015	M21a, (3.635)
113.	V. Batanović, D. Bojić, Using Part of Speech Tags as Deep Syntax Indicators in Determining Short Text Semantic Similarity, COMPUTER SCIENCE AND INFORMATION SYSTEMS - COMSIS, Vol. 12, No. 1, pp. 1 - 31, Jan, 2015	M23, (0.623)
114.	J. Krstivojevic, M. Djurić, Verification of Transformer Restricted Earth Fault Protection by using the Monte Carlo Method, ADVANCES IN ELECTRICAL AND COMPUTER ENGINEERING, Vol. 15, No. 3, pp. 65 - 72, Aug, 2015	M23, (0.459)
115.	M. Veledar, S. Avdakovic, Z. Bajramović, M. Savic, K. Stanković, A. Čarsimamovic, Wavelet-based Analysis of Impulse Grounding Resistance-Experimental Study of the "A"-type Grounding System, ELECTRIC POWER COMPONENTS AND SYSTEMS, Vol. 43, No. 19, pp. 2189 - 2195, 2015	M23, (0.747)



**б) Радови са SCI/SCIE листе у 2016. години**

Р.Б	Радови (на СЦИ/ ССЦИ листи) у научним часописима са званичне листе ресорног министарства за науку у складу са захтевима допунских стандарда за дато поље (аутори, назив рада, часопис, година)	М коеф. (imp. f.)
1.	J. Krstivojević, M. Djurić, "A new algorithm for avoiding maloperation of transformer restricted earth fault protection caused by the transformer magnetizing inrush current and current transformer saturation, TURKISH JOURNAL OF ELECTRICAL ENGINEERING AND COMPUTER SCIENCES, Vol. 24, No. 6, pp. 5025 - 5042, Dec, 2016	M23, (0.578)
2.	S. Vukosavić, L. Perić, E. Levi, AC Current Controller with Error-Free Feedback Acquisition System, IEEE TRANSACTIONS ON ENERGY CONVERSION, Vol. 31, No. 1, pp. 381 - 391, Jan, 2016	M21, (3.808)
3.	M. Mišić, Ž. Šuštran, J. Protić, A Comparison of Software Tools for Plagiarism Detection in Programming Assignments, INTERNATIONAL JOURNAL OF ENGINEERING EDUCATION, Vol. 32, No. 2, pp. 738 - 748, Apr, 2016	M23, (0.609)
4.	V. Milutinović, B. Furht, Z. Obradović, N. Korolija, Advances in High Performance Computing and Related Issues, MATHEMATICAL PROBLEMS IN ENGINEERING, Vol. 2016, pp. 1 - 3, Dec, 2016	M23, (0.802)
5.	Ž. Janičijević, M. J. Lukić, L. Veselinović, Alternating current electric field modified synthesis of hydroxyapatite bioceramics, MATERIALS & DESIGN, Vol. 109, pp. 511 - 519, Jul, 2016	M21, (3.997)
6.	B. Malešević, M. Makragić, A method for proving some inequalities on mixed trigonometric polynomial functions, Journal of Mathematical Inequalities, Vol. 10, No. 3, pp. 849 - 876, Sep, 2016	M22, (0.777)
7.	Č. Belić, R. Simović, K. Stanković, A method of approximate green's function for solving reflection of particles in plane geometry, NUCLEAR TECHNOLOGY AND RADIATION PROTECTION, Vol. 31, No. 3, pp. 228 - 232, 2016	M23, (0.62)
8.	D. Bojić, A. Bošnjaković, J. Protić, I. Tartalja, A Modified Hill-Climbing Algorithm for Knowledge Test Assembly Based on Classified Criteria, INTERNATIONAL JOURNAL OF SOFTWARE ENGINEERING AND KNOWLEDGE ENGINEERING, Vol. 26, No. 06, pp. 953 - 980, Aug, 2016	M23, (0.299)
9.	M. Forcan, Ž. Đurišić, J. Микуловић, An algorithm for elimination of partial shading effect based on a Theory of Reference PV String, SOLAR ENERGY, pp. 51 - 63, 2016	M21, (4.018)
10.	M. Forcan, Z. Stojanović, An algorithm for sensitive directional transverse differentialprotection with no voltage inputs, ELECTRIC POWER SYSTEMS RESEARCH, Vol. 137, pp. 86 - 95, Aug, 2016	M21, (2.688)
11.	A. Demić, V. Milanović, J. Radovanović, Analysis of the influence of external magnetic field on transition matrix elements in quantum well and quantum cascade laser structures, SUPERLATTICES AND MICROSTRUCTURES, Vol. 96, pp. 134 - 149, 2016	M22, (2.123)
12.	N.Vuković, J. Radovanović, V. Milanović, D. Boiko, Analytical expression for Risken-Nummedal- Graham- Haken instability treshold in quantum cascade lasers, OPTICS EXPRESS, Vol. 24, pp. 26911 - 26929, 2016	M21, (3.307)
13.	Д. Шумарац Павловић, М. Мјић, An approach to numerical quantification of room shape and its function in diffuse sound field model, JOURNAL OF THE ACOUSTICAL SOCIETY OF AMERICA, Vol. 140, No. 4, pp. 2766 - 2768, Oct, 2016	M22, (1.547)

14.	I. Jovović, B. Malešević, A Note on the Reduction Formulas for Some Systems of Linear Operator Equations, FILOMAT, Vol. 30, No. 5, pp. 1353 - 1362, 2016	M22, (0.695)
15.	B. Stojanović, A. Nešković, O. Marques, A NOVEL NEURAL NETWORK BASED APPROACH TO LATENT OVERLAPPED FINGERPRINTS SEPARATION, MULTIMEDIA TOOLS AND APPLICATIONS, pp. 1 - 25, Jun, 2016	M21, (1.53)
16.	S. Vukosavić, L. Peric, s. susic, A Novel Power Converter Topology for Electrostatic Precipitator, IEEE TRANSACTIONS ON POWER ELECTRONICS, Vol. 31, No. 1, pp. 152 - 164, Jan, 2016	M21a, (7.151)
17.	S. Antić, G. Kvašček, Ž. Đurović, Application of Structured and Directional Residuals for Fault Detection and Isolation on Permanent-Magnet DC Motor with Amplifier, QUALITY AND RELIABILITY ENGINEERING INTERNATIONAL, pp. 2601 - 2621, Feb, 2016	M22, (1.366)
18.	J. Tomić, N. Bogojević, M. Pljakić, D. Šumarac Pavlović, Assessment of traffic noise levels in urban areas using different soft computing techniques, JOURNAL OF THE ACOUSTICAL SOCIETY OF AMERICA, Vol. 140, No. 4, pp EL340 - EL345, Oct, 2016	M22, (1.547)
19.	O. Јолцић, З. Ђурић, Р. Vuletić, A transparent and scalable anomaly-based DoS detection method, COMPUTER NETWORKS-THE INTERNATIONAL JOURNAL OF COMPUTER AND TELECOMMUNICATI, Vol. 104, pp. 27 - 42, Jul, 2016	M21, (2.516)
20.	A. Stojanović, R. Ramos, P. Matavulj, Authenticated B92 QKD protocol employing synchronized optical chaotic systems, OPTICAL AND QUANTUM ELECTRONICS, Vol. 48, No. 5, pp. 285:1 - 7, May, 2016	M22, (1.055)
21.	D. Nešić, B. Kolundžija, Band-stop filter with suppression of requested number of spurious stopbands, International Journal of Microwave and Wireless Technologies, pp. 1 - 8, Sep, 2016	M23, (0.976)
22.	D. Grujić, M. Božović, M. Savić, BSIM4 to PSP Model Conversion: A Case Study, JOURNAL OF CIRCUITS, SYSTEMS, AND COMPUTERS, Vol. 25, No. 3, pp. 1640011-1 - 1640011-17, Mar, 2016	M23, (0.481)
23.	S. Stefanovski, M. Potrebić, D. Tošić, Z. Stamenković, Compact Dual-Band Bandpass Waveguide Filter with H-Plane Inserts, JOURNAL OF CIRCUITS, SYSTEMS, AND COMPUTERS, Vol. 25, No. 3, pp. (1640015) 1 - 18, Mar, 2016	M23, (0.481)
24.	M. Mrvić, M. Potrebić, D. Tošić, Compact E plane waveguide filter with multiple stopbands, RADIO SCIENCE, Vol. 51, No. 12, pp. 1895 - 1904, Dec, 2016	M22, (1.581)
25.	Y. Huang, N. Varsier, S. Nikšić, E. Kocan, M. Pejanovic-Djurisic, M. Popović, M. Koprivica, A. Nešković, J. Milinković, A. Gati, C. Person, J. Wiart, Comparison of average global exposure of population induced by a macro 3G network in different geographical areas in France and Serbia, BIOELECTROMAGNETICS, Vol. 37, No. 6, pp. 382 - 390, Sep, 2016	M22, (1.933)
26.	Z. Radivojević, M. Cvetanović, S. Stojanović, Comparison of Binary Procedures: A Set of Techniques for Evading Compiler Transformations, COMPUTER JOURNAL, Vol. 59, No. 1, pp. 106 - 118, Jan, 2016	M22, (0.711)
27.	C. Hourdakis, L. Buermann, O. Ciraj-Bjelac, e. al, Comparison of pencil-type ionization chamber calibration results and methods between dosimetry laboratories, PHYSICA MEDICA, Vol. 32, No. 1, pp. 42 - 51, 2016	M22, (1.99)
28.	S. Petričević, П. Михайлович, Compensation of Verdet Constant Temperature Dependence by Crystal Core Temperature Measurement, SENSORS, Vol. 16, No. 10, pp. 1 - 7, Sep, 2016	M21, (2.677)
29.	A. Stojic, S. Stanisic Stosic, I. Reljin, M. Cabarkapa, A. Sostaric, M. Perisic, Z. Mijic, Comprehensive analysis of PM10 in Belgrade urban area on the basis of long-term measurements, ENVIRONMENTAL SCIENCE AND POLLUTION RESEARCH, pp. 1 - 11, Feb, 2016	M21, (2.741)

30.	N. Tomašević, A. Nešković, N. Nešković, Correlated EEG Signals Simulation Based on Artificial Neural Networks, INTERNATIONAL JOURNAL OF NEURAL SYSTEMS, pp. 1 - 15, Nov, 2016	M21a, (6.333)
31.	R. Todorović, D. Škatarić, Z. Bajramović, K. Stanković, Correlation and regression between the breakdown voltage and pre-breakdown parameters of vacuum switching elements, VACUUM, Vol. 123, pp. 111 - 120, 2016	M22, (1.53)
32.	M. Kostić, L. Đokić, Correspondence: The resurrection of incandescent lamps, LIGHTING RESEARCH AND TECHNOLOGY, Vol. 48, pp. 910 - 911, 2016	M21, (1.784)
33.	P. Mandić, M. Lazarević, T. Šekara, D-decomposition technique for stabilization of Furuta pendulum: Fractional approach, BULLETIN OF THE POLISH ACADEMY OF SCIENCES TECHNICAL SCIENCES, Vol. 64, No. 1, pp. 189 - 196, Mar, 2016	M22, (1.156)
34.	D. Stojanović, J. Radovanović, V. Milanović, Delay times in a terahertz chiral metamaterials slab, PHYSICAL REVIEW A, Vol. 94, pp. 023848/1 - 023848/7, 2016	M21, (2.808)
35.	I. Milosavljević, D. Krčum, L. Saranovac, Design and analysis of differential passive circuits for I/Q generation in 60 GHz integrated circuits, INFORMACIJE MIDEM-JOURNAL OF MICROELECTRONICS ELECTRONIC COMPONENTS AND MAT, Vol. 46, No. 3, pp. 120 - 129, Sep, 2016	M23, (0.478)
36.	M. Terzić, N. Milosevic, N. Stepanic, S. Petričević, DEVELOPMENT OF A SINGLE-SIDED GUARDED HOT PLATE APPARATUS FOR THERMAL CONDUCTIVITY MEASUREMENTS, THERMAL SCIENCE, pp. 1 - 12, 2016	M22, (1.093)
37.	J. Lekić, D. Milićev, Discovering Block-Structured Parallel Process Models from Causally Complete Event Logs, JOURNAL OF ELECTRICAL ENGINEERING-ELEKTROTEHNIČKI CASOPIS, Vol. 67, No. 2, pp. 111 - 123, Apr, 2016	M23, (0.483)
38.	S. Filipović, N. Obradović, V. Pavlović, M. Mitrić, A. Đorđević, M. Kachlik, K. Maca, Effect of consolidation parameters on structural, microstructural and electrical properties of magnesium titanate ceramics, CERAMICS INTERNATIONAL, Vol. 42, No. 8, pp. 9887 - 9898, Jun, 2016	M21a, (2.986)
39.	S. Filipović, N. Obradović, V. Pavlović, M. Mitrić, A. Đorđević, M. Kachlik, K. Maca, Effect of consolidation parameters on structural, microstructural and electrical properties of magnesium titanate ceramics, CERAMICS INTERNATIONAL, pp. 1 - 12, Mar, 2016	M21a, (2.986)
40.	N. Obradović, S. Filipović, N. Đorđević, D. Kosanović, S. Marković, V. Pavlović, D. Olčan, A. Đorđević, M. Kachlik, K. Maca, Effects of mechanical activation and two-step sintering on the structure and electrical properties of cordierite-based ceramics, CERAMICS INTERNATIONAL, Vol. 42, No. 12, pp. 13909 - 13918, Sep, 2016	M21a, (2.986)
41.	N. Obradović, S. Filipović, N. Đorđević, D. Kosanović, V. Pavlović, D. Olčan, A. Đorđević, M. Kachlik, K. Maca, Electrical Properties of Cordierite-based Ceramics Obtained After Two-step Sintering Technique, SCIENCE OF SINTERING, Vol. 48, No. 2, pp. 157 - 165, 2016	M22, (0.736)
42.	A. Totović, V. Levajac, D. Gvozdić, Electro-optical modulation bandwidth analysis for traveling-wave and reflective semiconductor optical amplifiers in transparency operating regime, OPTICAL AND QUANTUM ELECTRONICS, Vol. 48, No. 4, pp. 262-1 - 262-9, Mar, 2016	M22, (1.055)
43.	P. Ivaniš, B. Vasić, Error Errore Eicitur: A Stochastic Resonance Paradigm for Reliable Storage of Information on Unreliable Media, IEEE TRANSACTIONS ON COMMUNICATIONS, Vol. 64, No. 9, pp. 3596 - 3608, Sep, 2016	M21, (4.058)
44.	L. Saranovac, N. Vučijak, Evaluation of Uncertainty of Phase Difference Determination in Presence of Bias, METROLOGY AND MEASUREMENT SYSTEMS, Vol. 23, No. 4, pp. 603 - 614, Dec, 2016	M22, (1.598)

45.	A. Daničić, J. Radovanović, S. Ramović, V. Milanović, Exploring negative refraction conditions for quantum cascade semiconductor metamaterials in the terahertz spectral range, JOURNAL OF PHYSICS D: APPLIED PHYSICS, Vol. 49, pp. 085105-1 - 085105-7, Jan, 2016	M21, (2.588)
46.	S. Stefanovski Pajović, M. Potrebić, D. Tošić, Z. Cvetković, Fabrication parameters affecting implementation of waveguide bandpass filter with complementary split-ring resonators, Journal of Computational Electronics, Vol. 15, No. 4, pp. 1462 - 1472, Dec, 2016	M22, (1.526)
47.	S. Vujnović, Ž. Đurović, G. Kvašček, Fan mill state estimation based on acoustic signature analysis, CONTROL ENGINEERING PRACTICE, Vol. 57, pp. 29 - 38, 2016	M21, (2.602)
48.	S. Srdic, M. Nedeljkovic, S. Vukosavic, Z. Radakovic, Fast and Robust Predictive Current Controller for Flicker Reduction in DC Arc Furnaces, IEEE TRANSACTIONS ON INDUSTRIAL ELECTRONICS, Vol. 63, No. 7, pp. 4628 - 4640, Mar, 2016	M21a, (7.168)
49.	M. Đurić-Jovičić, I. Petrović, M. Ječmenica-Lukić, S. Radovanović, N. Dragašević-Mišković, M. Belić, B. Милер Јерковић, M. Popović, V. Kostić, Finger tapping analysis in patients with Parkinson's disease and atypical parkinsonism, JOURNAL OF CLINICAL NEUROSCIENCE, Vol. 30, pp. 49 - 55, 2016	M23, (1.557)
50.	K. Stanković, M. Alimpijević, Free-Electron Gas Spectrum Uniqueness in the Mixture of Noble Gases, CONTRIBUTIONS TO PLASMA PHYSICS, Vol. 56, No. 2, pp. 126 - 133, 2016	M22, (1.44)
51.	A. Grujić, Z. Stojković, Fuzzy Logic Based Concept for High Voltage Substation Risk Management against Lightning, IEEJ TRANSACTIONS ON ELECTRICAL AND ELECTRONIC ENGINEERING, Vol. 11, No. Issue S, pp. S28 - S36, Jul, 2016	M23, (0.517)
52.	A. Ilić, B. Bukvić, M. Ilić, Đ. Budimir, Graphene-Based Waveguide Resonators for Submillimeter-Wave Applications, JOURNAL OF PHYSICS D: APPLIED PHYSICS, Vol. 49, No. 32, pp. 325105-1 - 14, Jul, 2016	M21, (2.588)
53.	J. Kaljevic, K. Stanković, J. Stanković, O. Ciraj-Bjelac, D. Arandjic, Hand Dose Evaluation of Occupationally Exposed Staff in Nuclear Medicine, RADIATION PROTECTION DOSIMETRY, Vol. 170, No. 1-4, pp. 292 - 296, 2016	M22, (0.917)
54.	N. Maletic, M. Cabarkapa, N. Neskovic, D. Budimir, Hardware impairments impact on fixed-gain AF relaying performance in Nakagami-m fading, ELECTRONICS LETTERS, Vol. 52, No. 2, pp. 121 - 122, Jan, 2016	M22, (1.155)
55.	M. Nikolić Stevanović, L. Crocco, A. Đorđević, A. Nehorai, Higher-Order Sparse Microwave Imaging of PEC Scatterers, IEEE TRANSACTIONS ON ANTENNAS AND PROPAGATION, Vol. 64, No. 3, pp. 988 - 997, Mar, 2016	M21, (2.957)
56.	A. Lekić, D. Stipanović, Hysteresis Switching Control of the Ćuk Converter, IEEE TRANSACTIONS ON CIRCUITS AND SYSTEMS I-REGULAR PAPERS, Vol. 63, No. 11, pp. 2048 - 2061, Nov, 2016	M21, (2.407)
57.	M. Terzić, D. Mihić, S. Vukosavić, Impact of Rotor Material on the Optimal Geometry of High-Speed Drag-Cup Induction Motor, IEEE TRANSACTIONS ON ENERGY CONVERSION, Vol. 3, No. 2, pp. 455 - 465, Jun, 2016	M21, (3.808)
58.	A. Nedic, M. Simovic, Z. Lazarević, S. Milic, Implementation of minimisation techniques to construction optimisation of iron-core inductor, IET ELECTRIC POWER APPLICATIONS, Vol. 10, No. 1, pp. 9 - 17, Jan, 2016	M22, (1.865)
59.	B. Шиник, Ž. Despotović, И. Палинкаш, Improved power supply performance of vibratory conveyor drives, ELEKTRONIKA IR ELEKTROTEHNIKA, pp. 1 - 9, Dec, 2016	M23, (0.859)

60.	D. Johansen, C. Cipriani, D. Popović, L. Struijk, Inductive Tongue Control of a Robotic Hand - a Prosthetic Application, IEEE TRANSACTIONS ON BIOMEDICAL ENGINEERING, Vol. 63, No. 7, pp. 1368 - 1376, Jul, 2016	M21, (3.577)
61.	D. Stojanović, J. Radovanović, V. Milanović, Influence of the geometry of terahertz chiral metamaterials on transmission group delays, OPTICAL AND QUANTUM ELECTRONICS, Vol. 48, pp. 272/1 - 272/6, 2016	M22, (1.055)
62.	A. Kovačević, J. L. Ristic-Djurovic, M. Lekić, B. Hadžić, G. Giurma Saleh Isa Abudagel, S. Petričević, П. Михаиловић, В. Матовић, D. Dramlić, L. Brajović, N. Romčević, Influence of femtosecond pulsed laser irradiation on bismuth germanium oxide single crystal properties, MATERIALS RESEARCH BULLETIN, Vol. 83, pp. 284 - 289, 2016	M21, (2.446)
63.	M. Štrbac, M. Belić, M. Isaković, V. Kojić, I. Popović, M. Radotić, S. Došen, M. Marković, D. Farina, Integrated and flexible multichannel interface for electrotactile stimulation, JOURNAL OF NEURAL ENGINEERING, Vol. 13, No. 4, pp. 046014-1 - 046014-16, 2016	M21, (3.465)
64.	M. Petrovic, P. Mihailović, L. Brajovic, S. Petričević, I. Zivkovic, A. Kojovic, V. Radojevic, Intensity Fiber-Optic Sensor for Structural Health Monitoring Calibrated by Impact Tester, IEEE SENSORS JOURNAL, Vol. 16, No. 9, pp. 3047 - 3053, May, 2016	M21, (2.512)
65.	R. Trobec, R. Vasiljević, M. Tomašević, В. Милутиновић, R. Beivide, M. Valero, Interconnection Networks in Petascale Computer Systems: A Survey, ACM COMPUTING SURVEYS, Vol. 49, No. 3, pp. 1 - 25, Sep, 2016	M21a, (6.748)
66.	M. Popović, D. Drajić, S. Philipp, N. Nikaein, S. Krčo, L. Markus, Latency analysis for M2M and Online Gaming traffic in an HSPA network, AD HOC & SENSOR WIRELESS NETWORKS, Vol. 31, No. 1-4, pp. 259 - 277, Jun, 2016	M23, (1.034)
67.	B. Stojanović, O. Maques, A. Nešković, Latent overlapped fingerprint matching: a review, MULTIMEDIA TOOLS AND APPLICATIONS, pp. 1 - 28, Aug, 2016	M21, (1.53)
68.	K. Stanković, D. Brajović, M. Alimpijević, B. Lončar, Long-term deconditioning of gas-filled surge arresters, RADIATION EFFECTS AND DEFECTS IN SOLIDS, Vol. 171, No. 7-8, pp. 678 - 691, 2016	M23, (0.443)
69.	I. Tarkka, A. Savić, E. Pekkola, M. Rottensteiner, T. Leskinen, J. Kaprio, U. Kujala, Long-term physical activity modulates brain processing of somatosensory stimuli: evidence from young male twins, BIOLOGICAL PSYCHOLOGY, pp. 1 - 7, Feb, 2016	M21a, (3.07)
70.	M. Malović, Lj. Brajović, T. Šekara, Z. Mišković, Lossless compression of vibration signals on an embedded device using a TDE based predictor, ELEKTRONIKA IR ELEKTROTEHNIKA, Vol. 22, No. 2, pp. 21 - 26, Feb, 2016	M23, (0.859)
71.	A. Daničić, J. Radovanović, V. Milanović, D. Indjin, Z. Ikonić, Magnetic-field effects on Thz quantum cascade laser : A comparative analysis of three and four quantum well based active region design, PHYSICA E, Vol. 81, pp. 275 - 280, 2016	M22, (2.221)
72.	I. Popadic, B. Todorovic, I. Reljin, Method for HDR-like imaging using industrial digital cameras, MULTIMEDIA TOOLS AND APPLICATIONS, pp. 1 - 17, Jun, 2016	M21, (1.53)
73.	П. Мишљен, Ž. Despotović, M. Матијевић, Modeling and Control of Bulk Material Flow on the Electromagnetic Vibratory Feeder, AUTOMATIKA, Vol. 57, No. 4, pp. 936 - 947, Dec, 2016	M23, (0.38)
74.	N. Strbac-Hadzibegovic, M. Kostić, Modifications to the CIE 115-2010 procedure for selecting lighting classes for roads, LIGHTING RESEARCH AND TECHNOLOGY, Vol. 48, pp. 340 - 351, 2016	M21, (1.784)
75.	S. Vukosavić, L. Peric, Modified Digital Current Controller with Reduced Impact of Transport Delays, IET ELECTRIC POWER APPLICATIONS, Vol. 10, No. 6, pp. 517 - 525, Jul, 2016	M22, (1.865)

76.	A. Alrawi, S. Graovac, R. Ahmad, M. Rahman, Modified Guidance Law Based on a Sliding Mode Controller for a Missile Guidance System, TECNOLOGIA Y CIENCIAS DEL AGUA ****-**** TEHNICKI VJESNIK-TECHNICAL GAZETTE, Vol. 23, No. 3, pp. 639 - 646, Jun, 2016	M23, (0.723)
77.	M. Pavlovic, D. Ristic, I. Reljin, M. Mijić, Multifractal analysis of visualized room impulse response for detecting early reflections, JOURNAL OF THE ACOUSTICAL SOCIETY OF AMERICA, No. 139, pp. 113 - 117, May, 2016	M22, (1.547)
78.	H. Vuković, V. Milanović, J. Radovanović, D. Boiko, Multimode RNGH instabilities of Fabry --Perot cavity QCLs: impact of diffusion, OPTICAL AND QUANTUM ELECTRONICS, Vol. 48, pp. 254/1 - 254/10, 2016	M22, (1.055)
79.	Ђ. Перишић, М. Војовић, Multipurpose Time Recursive Phase Locked Loop, REVUE ROUMAINE DES SCIENCES TECHNIQUES-SERIE ELECTROTECHNIQUE ET ENERGETIQUE, Vol. 61, No. 3, pp. 283 - 288, 2016	M23, (1.036)
80.	I. Bjelic, D. Todorović, J. Krneta-Nikolić, Ђ. Lazarević, K. Stanković, Natural Radioactivity Level in Materials Used for Medieval Vaulting in the Territory of the Central Balkan Region, NUCLEAR TECHNOLOGY AND RADIATION PROTECTION, Vol. 31, No. 2, pp. 184 - 189, 2016	M23, (0.62)
81.	M. Nenezic, B. Malešević, C. Mortici, New approximations of some expressions involving trigonometric functions, APPLIED MATHEMATICS AND COMPUTATION, pp. 299 - 315, 2016	M21, (1.738)
82.	Z. Čiča, Non-blocking Frame Based Multicast Scheduler for IQ Switches, ELECTRONICS LETTERS, Vol. 52, No. 4, pp. 285 - 287, 2016	M22, (1.155)
83.	G. Savić, M. Prokin, V. Rajović, D. Prokin, Novel one-dimensional and two-dimensional forward discrete wavelet transform 5/3 filter architectures for efficient hardware implementation, JOURNAL OF REAL-TIME IMAGE PROCESSING, pp. 1 - 20, Oct, 2016	M21, (2.01)
84.	J. Kaljevic, O. Ciraj-Bjelac, J. Stankovic, D. Arandjic, P. Bozovic, V. Antic, Occupational dose assessment in interventional cardiology in Serbia, RADIATION PROTECTION DOSIMETRY, Vol. 170, No. 1-4, pp. 292 - 296, 2016	M22, (0.917)
85.	O. Ciraj-Bjelac, E. Carinou, P. Ferrari, M. Gingaume, M. Sans Merce, U. O'Connor, Occupational Exposure of the Eye Lens in Interventional Procedures: How to Assess and Manage Radiation Dose, JOURNAL OF THE AMERICAN COLLEGE OF RADIOLOGY, Vol. 13, No. 11, pp. 1347 - 1353, 2016	M21, (2.993)
86.	S. Stević, J. Diblík, B. Iričanin, Z. Šmarda, ON A FIFTH-ORDER DIFFERENCE EQUATION, JOURNAL OF COMPUTATIONAL ANALYSIS AND APPLICATIONS, Vol. 20, No. 7, pp. 1214 - 1227, 2016	M23, (0.609)
87.	D. B. Topalović, V. V. Arsoški, S. Pavlović, N. A. Čukarić, M. Ž. Tadić, F.M. Peeters, On Improving Accuracy of Finite-Element Solutions of the Effective-Mass Schrodinger Equation for Interdiffused Quantum Wells and Quantum Wires, COMMUNICATIONS IN THEORETICAL PHYSICS, Vol. 65, No. 1, pp. 105 - 113, Jan, 2016	M22, (0.989)
88.	G. Djordjevic, M. Petkovic, J. Anastasov, P. Ivaniš, Z. Marjanovic, On the effects of correlation on outage performance of FSO unbalanced multibranch SC receiver, IEEE PHOTONICS TECHNOLOGY LETTERS, Vol. 28, No. 12, pp. 1348 - 1351, Jun, 2016	M21, (2.375)
89.	M. Kostić, Opinion: The importance of developing city street lighting maps, LIGHTING RESEARCH AND TECHNOLOGY, Vol. 48, pp. 916 - 916, 2016	M21, (1.784)
90.	S. Zarić, M. Krstić, J. Crnjanski, Optical Switching in Dual Injection-Locked Fabry-Perot Laser Diodes, OPTICAL AND QUANTUM ELECTRONICS, Vol. 48, pp. 295 - 305, 2016	M22, (1.055)

91.	M. Jannat, A. Savić, Optimal capacitor placement in distribution networks regarding uncertainty in active power load and distributed generation units production, IET GENERATION, TRANSMISSION AND DISTRIBUTION, Vol. 10, No. 12, pp. 3060 - 3067, Aug, 2016	M22, (2.213)
92.	V. Šinik, Ž. Despotović, I. Palinkaš, Optimization of the Operation and Frequency Control of Electromagnetic Vibratory Feeders, ELEKTRONIKA IR ELEKTROTEHNIKA, Vol. 22, No. 1, pp. 24 - 30, Feb, 2016	M23, (0.859)
93.	J. Jarrouj, B. Благојевић, P. Ivaniš, Outage Probability and Ergodic Capacity of Spectrum-Sharing Systems with MRC Diversity, FREQUENZ, Vol. 70, No. 3-4, pp. 157 - 171, Mar, 2016	M23, (0.462)
94.	A. Gavrovska, G. Zajic, V. Bogdanovic, I. Reljin, B. Reljin, Paediatric heart sound signal analysis towards classification using multifractal spectra, Physiological Measurement, pp. 1556 - 1572, Aug, 2016	M22, (2.058)
95.	P. Ivaniš, B. Благојевић, J. Анастасов, Г. Ђорђевић, Performance of Spectrum Sharing System in Gamma Shadowed Nakagami-m Fading Environment, WIRELESS PERSONAL COMMUNICATIONS, Vol. 86, No. 3, pp. 1717 - 1729, Feb, 2016	M23, (0.951)
96.	M. Krstić, M. Bjelica, Personalized program guide based on one-class classifier, IEEE TRANSACTIONS ON CONSUMER ELECTRONICS, Vol. 62, No. 2, pp. 175 - 181, May, 2016	M22, (1.694)
97.	N. Pejčić, M. Đurić-Jovičić, N. Miljković, D. B. Popović, V. Petrović, Posture in dentists: Sitting vs. standing positions during dentistry work – An EMG study, SRPSKI ARHIV ZA CELOKUPNO LEKARSTVO, Vol. 144, No. 3-4, pp. 181 - 187, Apr, 2016	M23, (0.253)
98.	L. Brajović, D. Stojanović, P. Mihailović, S. Marković, M. Romčević, M. Mitrić, V. Lazović, D. Dramlić, С. Петричевић, Н. Ромчевић, Preparation and characterization of bismuth germanium oxide (BGO) polymer composites, JOURNAL OF ALLOYS AND COMPOUNDS, Vol. 695, pp. 841 - 849, Feb, 2016	M21a, (3.133)
99.	M. Stojilović, M. Rubinstein, A. Đorđević, Quasi-impulse response of frequency-periodic microwave networks, IEEE TRANSACTIONS ON ELECTROMAGNETIC COMPATIBILITY, pp. 1 - 9, 2016	M22, (1.658)
100.	J. Trifunović, M. Kostic, Quick calculation of the grounding resistance of a typical 110 kV transmission line tower grounding system, ELECTRIC POWER SYSTEMS RESEARCH, Vol. 131, pp. 178 - 186, Feb, 2016	M21, (2.688)
101.	T. Keča, W. Headley, G. Mashanovich, P. Matavulj, Repeated passing principle for propagation in optical resonators, OPTICAL REVIEW, Vol. 23, No. 2, pp. 254 - 259, Feb, 2016	M23, (0.6)
102.	M. Paskas, B. Reljin, I. Reljin, Revision of multifractal descriptors for texture classification based on mathematical morphology, PATTERN RECOGNITION LETTERS, pp. 1 - 10, Feb, 2016	M22, (1.995)
103.	S. Pejovic, M. Pejovic, D. Stojanov, O. Ciraj-Bjelac, Sensitivity and fading of pmos dosimeters irradiated with x-ray radiation doses from 1 to 100 cG, RADIATION PROTECTION DOSIMETRY, Vol. 168, No. 1, pp. 33 - 39, 2016	M22, (0.917)
104.	B. Bukvić, M. Ilić, Simple Design of a Class-J Amplifier With Predetermined Efficiency, IEEE MICROWAVE AND WIRELESS COMPONENTS LETTERS, Vol. 26, No. 9, pp. 699 - 701, Sep, 2016	M22, (1.887)
105.	B. Pajčin, P. Matavulj, M. Radivojević, Simulation analysis of energy efficient WDM ethernet passive optical network, OPTICAL AND QUANTUM ELECTRONICS, Vol. 48, No. 6, pp. 313:1 - 7, Jun, 2016	M22, (1.055)

106.	S. Stević, B. Iričanin, Z. Šmarda, Solvability of a close to symmetric system of difference equations, <i>Electronic Journal of Differential Equations</i> , Vol. 2016, No. 159, pp. 1 - 13, Jun, 2016	M21, (0.954)
107.	P. Hautasaari, A. Savić, O. Loberg, E. Niskanen, J. Kaprio, U. Kujala, I. Tarkka, Somatosensory Brain Function and Gray Matter Regional Volumes Differ According to Exercise History: Evidence from Monozygotic Twins, <i>BRAIN TOPOGRAPHY</i> , pp. 1 - 10, Oct, 2016	M21, (3.394)
108.	B. Banjac, M. Makragić, B. Malešević, Some notes on a method for proving inequalities by computer, <i>RESULTS IN MATHEMATICS</i> , Vol. 69, No. 1-2, pp. 161 - 176, Feb, 2016	M21, (0.693)
109.	M. Koprivica, V. Slavković, N. Nešković, A. Nešković, STATISTICAL ANALYSIS OF ELECTROMAGNETIC RADIATION MEASUREMENTS IN THE VICINITY OF GSM/UMTS BASE STATION INSTALLED ON BUILDINGS IN SERBIA, <i>RADIATION PROTECTION DOSIMETRY</i> , Vol. 168, No. 4, pp. 489 - 502, Mar, 2016	M22, (0.917)
110.	M. Koprivica, M. Petrić, N. Nešković, A. Nešković, Statistical Analysis of Electromagnetic Radiation Measurements in the Vicinity of Indoor Microcell GSM/UMTS Base Stations in Serbia, <i>BIOELECTROMAGNETICS</i> , Vol. 37, No. 1, pp. 69 - 76, Jan, 2016	M22, (1.933)
111.	Л. Поповић Манески, И. Топаловић, Н. Јовичић, С. Дедијер Дујовић, Љ. Константиновић, D. Popović, Stimulation map for control of functional grasp based on multi-channel EMG recordings, <i>MEDICAL ENGINEERING &amp; PHYSICS</i> , Vol. 38, No. 11, pp. 1251 - 1259, Nov, 2016	M22, (1.819)
112.	L. Popović Maneski, I. Topalović, Н. Јовичић, S. Dediјer, L. Konstantinović, D. Popović, Stimulation map for control of functional grasp based on multi-channel EMG recordings, <i>MEDICAL ENGINEERING &amp; PHYSICS</i> , Vol. 38, pp. 1251 - 1259, Oct, 2016	M22, (1.819)
113.	S. Avdic, P. Marinković, S. Pozzi, M. Flaska, Z. Dedic, A. Osmanovic, Study of the filter method for neutron pulse-height distributions with organic scintillators, <i>RADIATION MEASUREMENTS</i> , Vol. 86, pp. 32 - 38, Jan, 2016	M21, (1.442)
114.	P. Athalye, N. Šekeljić, M. Ilić, A. Tonyushkin, B. Notaroš, Subject-loaded quadrifilar helical-antenna RF coil with high B1+ field uniformity and large FOV for 3-T MRI, <i>CONCEPTS IN MAGNETIC RESONANCE PART B-MAGNETIC RESONANCE ENGINEERING</i> , pp. 106 - 117, Oct, 2016	M23, (0.387)
115.	P. Athalye, N. Šekeljić, M. Ilić, A. Tonyushkin, B. Notaroš, Subject-loaded quadrifilar helical-antenna RF coil with high B1+ field uniformity and large FOV for 3-T MRI, <i>CONCEPTS IN MAGNETIC RESONANCE PART B-MAGNETIC RESONANCE ENGINEERING</i> , pp. 1 - 12, Sep, 2016	M23, (0.387)
116.	N. Kartalović, K. Stanković, S. Aleksandrović, D. Brajović, Synergistic effect of the insulation characteristics of gas mixtures under the influence of pulse voltages, <i>IEEE TRANSACTIONS ON DIELECTRICS AND ELECTRICAL INSULATION</i> , Vol. 23, No. 6, pp. 3311 - 3318, 2016	M22, (2.115)
117.	M. Milićević, B. Milinković, Đ. Simić, D. Grujić, L. Saranovac, Temperature and process compensated RF power detector, <i>INFORMACIJE MIDEM-JOURNAL OF MICROELECTRONICS ELECTRONIC COMPONENTS AND MAT</i> , Vol. 46, No. 1, pp. 24 - 28, Mar, 2016	M23, (0.478)
118.	Nemanja A. Čukarić, Bart Partoens, Milan Ž. Tadić, Vladimir V. Arsoski, F. M. Peeters, The 30-band k · p theory of valley splitting in silicon thin layers, <i>JOURNAL OF PHYSICS: CONDENSED MATTER</i> , Vol. 28, pp. 195303-1 - 195303-9, Apr, 2016	M21, (2.649)



119.	N. Georgijevic, M. Jankovic, S. Srdic, Z. Radakovic, The Detection of Series Arc-Fault in Photovoltaic Systems Based on the Arc Current Entropy, IEEE TRANSACTIONS ON POWER ELECTRONICS, Vol. 31, No. 8, pp. 5917 - 5930, Oct, 2016	M21a, (7.151)
120.	A. Kovačević, K. Stanković, The numerical method for the coverage interval determination in the conducted emission measurements, MEASUREMENT, Vol. 91, pp. 221 - 227, 2016	M21, (2.359)
121.	Z. Radaković, S. Tenbohlen, Thermal model of oil power transformers with tap changer, TURKISH JOURNAL OF ELECTRICAL ENGINEERING AND COMPUTER SCIENCES, Vol. 24, pp. 3293 - 3308, Apr, 2016	M23, (0.578)
122.	D. Draskovic, M. Misic, Z. Stanisavljevic, Transition from traditional to LMS supported examining: A case study in computer engineering, COMPUTER APPLICATIONS IN ENGINEERING EDUCATION, Vol. 24, No. 5, pp. 775 - 786, Sep, 2016	M22, (0.694)
123.	M. Grujić, M. Ezawa, M. Tadić, F. Peeters, Tunable skewed edges in puckered structures, PHYSICAL REVIEW B, Vol. 93, No. 24, pp. 245413-1 - 245413-7, Jun, 2016	M21, (3.736)
124.	S. Radosavljević, J. Radovanović, V. Milanović, Tunneling times in bianisotropic, dispersive and absorptive metamaterials, PHYSICS LETTERS A, Vol. 380, pp. 4008 - 4012, 2016	M22, (1.772)
125.	S. Stević, B. Iričanin, Z. Šmarda, Two-dimensional product-type system of difference equations solvable in closed form, ADVANCES IN DIFFERENCE EQUATIONS, Vol. 2016, No. 253, pp. 1 - 20, Oct, 2016	M23, (0.335)
126.	I. Batas-Bjelić, H. Rađaković, G. Krajačić, H. Dujić, Two methods for decreasing the flexibility gap in national energy systems, ENERGY, pp. 1701 - 1709, Nov, 2016	M21a, (4.52)
127.	D. Misović, S. Milić, Ž. Đurović, Vessel Detection Algorithm Used in a Laser Monitoring System of the Lock Gate Zone, IEEE TRANSACTIONS ON INTELLIGENT TRANSPORTATION SYSTEMS., Vol. 17, No. 2, pp. 430 - 440, Feb, 2016	M21a, (3.724)
128.	V. Potkonjak, M. Gardner, V. Callaghan, P. Mattila, C. Guetl, V. Petrović, K. Jovanović, Virtual Laboratories for Education in Science, Technology, and Engineering: a Review, COMPUTERS & EDUCATION, pp. 309 - 327, 2016	M21a, (3.819)
129.	E. Chobanyan, D. Olčan, M. Ilić, B. Notaroš, Volume Integral Equation-Based Diakoptic Method for Electromagnetic Modeling, IEEE TRANSACTIONS ON MICROWAVE THEORY AND TECHNIQUES, Vol. 64, No. 10, pp. 3097 - 3107, Oct, 2016	M21, (2.897)
130.	Z. Babović, J. Protić, V. Milutinović, Web Performance Evaluation for Internet of Things Applications, IEEE ACCESS, Vol. 4, pp. 6974 - 6992, Oct, 2016	M21, (3.244)
131.	A. Demić, V. Milanović, J. Radovanović, M. Musić, WKB method for potentials unbounded from below, MODERN PHYSICS LETTERS. B, CONDENSED MATTER PHYSICS, STATISTICAL PHYSICS, APPLIED PHYSICS, Vol. 39, pp. 1650003/1 - 1650003/9, Jan, 2016	M23, (0.617)

в) Радови са SCI/SCIE листе у 2017. години

Р.Б	Радови (на СЦИ/ ССЦИ листи) у научним часописима са званичне листе ресорног министарства за науку у складу са захтевима допунских стандарда за дато поље (аутори, назив рада, часопис, година)	М коеф. (imp. f.)
1.	N. Орачаk, V. Milanović, J. Радовановић, " Infinite dwell time and group delay in resonant electron tunneling through double complex potential barrier ", Superlattice and Microstructures, Vol. 112, p. 415–421 (2017)., SUPERLATTICES AND MICROSTRUCTURES, pp. 415 - 421, 2017	M22, (2.099)
2.	J. Malešević, S. Dediđer Dujovic, A. Savić, L. Konstantinovic, A. Vidakovic, G. Bijelic, N. Malešević, T. Keller, A decision support system for electrode shaping in multi-pad FES foot drop correction, JOURNAL OF NEURO ENGINEERING AND REHABILITATION / JNER, pp. 1 - 14, Jul, 2017	M21a, (3.865)
3.	I. Milosavljević, Đ. Glavonjić, D. Krčum, L. Saranovac, V. Milovanović, A highly linear and fully-integrated FMCW synthesizer for 60 GHz radar applications with 7 GHz bandwidth, ANALOG INTEGRATED CIRCUITS AND SIGNAL PROCESSING, Vol. 90, No. 3, pp. 591 - 604, Mar, 2017	M23, (0.8)
4.	M. Marouf, L. Saranovac, G. Vukomanović, Algorithm for EMG noise level approximation in ECG signals, BIOMEDICAL SIGNAL PROCESSING AND CONTROL, Vol. 34, pp. 158 - 165, Apr, 2017	M21, (2.783)
5.	S. Ješić, H. Ђировић, D. O'Regan, Altering Distances and a Common Fixed Point Theorem in Menger Probabilistic Metric Spaces, FILOMAT, Vol. 31, No. 2, pp. 175 - 181, Feb, 2017	M23, (0.635)
6.	S. Mirić, P. Pejović, A Method for Computer-Aided Analysis of Differential Mode Input Filters, IEEE TRANSACTIONS ON INDUSTRIAL ELECTRONICS, Vol. 64, No. 6, pp. 4741 - 4750, Jun, 2017	M21a, (7.05)
7.	F. Werner, D. Chu, A. Đorđević, D. Olćan, M. Prvulovic, A. Zajić, A Method for Efficient Localization of Magnetic Field Sources Excited by Execution of Instructions in a Processor, IEEE TRANSACTIONS ON ELECTROMAGNETIC COMPATIBILITY, pp. 1 - 10, Aug, 2017	M22, (1.52)
8.	M. Makragić, A method for proving some inequalities on mixed hyperbolic-trigonometric polynomial functions, Journal of Mathematical Inequalities, Vol. 11, No. 3, pp. 817 - 829, Sep, 2017	M22, (0.849)
9.	M. Žarković, З. Стојковић, Analysis of artificial intelligence expert systems for power transformer condition monitoring and diagnostics, ELECTRIC POWER SYSTEMS RESEARCH, Vol. 149, pp. 125 - 136, Aug, 2017	M21, (2.856)
10.	V. Durković, Ž. Đurišić, Analysis of the Potential for Use of Floating PV Power Plant on the Skadar Lake for Electricity Supply of Aluminium Plant in Montenegro, ENERGIES, pp. 1505 - 1505, 2017	M22, (2.676)
11.	B. Jovanović, S. Gajin, An efficient mechanism of cryptographic synchronization within selectively encrypted H.265/HEVC video stream, MULTIMEDIA TOOLS AND APPLICATIONS, pp. 1 - 17, 2017	M21, (1.541)
12.	V. Milutinović, S. Vujičić-Stanković, A. Jović, D. Drašković, M. Mišić, D. Furundžić, A New Course on R&D Project Management in Computer Science and Engineering: Subjects Taught, Rationales Behind, and Lessons Learned, ADVANCES IN COMPUTERS, Vol. 106, pp. 1 - 16, Jun, 2017	M22, (1.514)
13.	D. Mihić, M. Terzić, S. Vukosavić, A New Nonlinear Analytical Model of the SRM With Included Multiphase Coupling, IEEE TRANSACTIONS ON ENERGY CONVERSION, Vol. 32, No. 4, pp. 1322 - 1334, Dec, 2017	M21, (3.767)

14.	N. Štrbac-Hadžibegović, S. Štrbac-Savić, M. Kostić, A new procedure for determining the road surface reduced luminance coefficient table by on-site measurements, LIGHTING RESEARCH AND TECHNOLOGY, pp. 0 - 0, 2017	M21, (1.921)
15.	B. Malešević, B. Banjac, I. Jovović, A proof of two conjectures of Chao-Ping Chen for inverse trigonometric functions, Journal of Mathematical Inequalities, Vol. 11, No. 1, pp. 151 - 162, 2017	M22, (0.849)
16.	T. Dimkić Tomić, A. Savić, A. Vidaković, S. Rodić, M. Isaković, C. Rodriguez-de-Pablo, T. Keller, L.J. Konstantinović, ArmAssist Robotic System versus Matched Conventional Therapy for Poststroke Upper Limb Rehabilitation: A Randomized Clinical Trial, BIOMED RESEARCH INTERNATIONAL, Vol. 2017, pp. 7659893:1 - 5, Jan, 2017	M22, (2.583)
17.	M. Vojnović, M. Mijić, Д. Шумарац Павловић, A simplified model of mouth radiation impedance closed by mask cavity, APPLIED ACOUSTICS, Vol. 115, No. 1, pp. 3 - 5, Jan, 2017	M22, (1.721)
18.	D. Bojić, M. Bojović, A Streaming Dataflow Implementation of Parallel Cocke–Younger–Kasami Parser, ADVANCES IN COMPUTERS, Vol. 104, pp. 153 - 193, Feb, 2017	M22, (1.514)
19.	V. Blagojević, D. Bojić, M. Bojović, M. Cvetanović, J. Đorđević, Đ. Đurđević, B. Furlan, S. Gajin, Z. Jovanović, D. Milićev, V. Milutinović, B. Nikolić, J. Protić, M. Punt, Z. Radivojević, Ž. Stanisavljević, S. Stojanović, I. Tartalja, M. Tomašević, P. Vuletić, A Systematic Approach to Generation of New Ideas for PhD Research in Computing, ADVANCES IN COMPUTERS, Vol. 104, pp. 1 - 31, Feb, 2017	M22, (1.514)
20.	S. Vukosavić, L. Peric, E. Levi, A Three-phase Digital Current Controller with Improved Performance Indices, IEEE TRANSACTIONS ON ENERGY CONVERSION, Vol. 32, No. 1, pp. 184 - 193, Mar, 2017	M21, (3.767)
21.	S. Durkovic, Z. Čiča, Birkhoff-von Neumann Switch Based on Greedy Scheduling, IEEE COMPUTER ARCHITECTURE LETTERS, pp. 1 - 1, 2017	M22, (1.521)
22.	S. Stević, B. Iričanin, Z. Šmarda, Boundary Value Problems for Some Important Classes of Recurrent Relations with Two Independent Variables, Symmetry, Vol. 9, No. 323, pp. 1 - 16, Dec, 2017	M22, (1.256)
23.	S. Stanišić, Z. Radaković, Calculation of Touch Voltage Based on Physical Distribution of Earth Fault Current, IEEE TRANSACTIONS ON POWER DELIVERY, Vol. 32, No. 5, pp. 2246 - 2254, 2017	M21, (3.35)
24.	B. Bukvić, A. Ž. Ilić, M. M. Ilić, Circuit-Based Versus Full-Wave Modelling of Active Microwave Circuits, INTERNATIONAL JOURNAL OF ELECTRONICS, Vol. 105, No. 3, pp. 518 - 527, Sep, 2017	M23, (0.939)
25.	M. Bjelica, M. Simić, Communications protocol for power management in smart homes, TURKISH JOURNAL OF ELECTRICAL ENGINEERING AND COMPUTER SCIENCES, Vol. 25, No. 2, pp. 1554 - 1562, 2017	M23, (0.58)
26.	M. Mrvić, M. Potrebić, Д. Тошић, Compact H-plane dual-band bandstop waveguide filter, Journal of Computational Electronics, Vol. 16, No. 3, pp. 939 - 951, 2017	M22, (1.431)
27.	A. Плазинић, M. Potrebić, Д. Тошић, Compact microwave multilayer dual-band bandpass filter with folded dual-mode resonators, JOURNAL OF OPTOELECTRONICS AND ADVANCED MATERIALS, Vol. 19, No. 5-6, pp. 352 - 358, 2017	M23, (0.39)
28.	O. Savic, A. Savić, V. Ković, Comparing the temporal dynamics of thematic and taxonomic processing using event-related potentials, PLOS ONE, pp. 1 - 17, Dec, 2017	M21, (2.766)

29.	Đ. Grozdić, C. Јовичић, D. Šumarac Pavlović, J. Galić, B. Marković, Comparison of Cepstral Normalization Techniques in Whispered Speech Recognition, ADVANCES IN ELECTRICAL AND COMPUTER ENGINEERING, Vol. 17, No. 1, pp. 21 - 26, Apr, 2017	M23, (0.699)
30.	A. Marjanović, M. Крстић, Ж. Ђуровић, Б. Ковачевић, Control of Thermal Power Plant Combustion Distribution Using Extremum Seeking, IEEE TRANSACTIONS ON CONTROL SYSTEMS TECHNOLOGY, Vol. 25, No. 5, pp. 1670 - 1682, 2017	M21a, (4.883)
31.	D. Vučić, S. Vukotić, M. Erić, Cyclic spectral analysis of OFDM/OQAM signals, AEU-INTERNATIONAL JOURNAL OF ELECTRONICS AND COMMUNICATIONS, Vol. 73, No. March 2017, pp. 139 - 143, Mar, 2017	M22, (2.115)
32.	N. Korolija, J. Popović, M. Cvetanović, M. Bojovic, Dataflow-Based Parallelization of Control-Flow Algorithms, ADVANCES IN COMPUTERS, Vol. 104, pp. 73 - 124, 2017	M22, (1.514)
33.	S. J. Petričević, M. C. Tomic, Z. V. Đinović, Demodulation of quasi-quadrature interferometric signals for use in the totally implantable hearing aids, BIOMEDICAL OPTICS EXPRESS, Vol. 8, No. 7, pp. 3403 - 3409, Jul, 2017	M21, (3.482)
34.	Daniel Simonsen, Mirjana B. Popović, Erika G. Spaich, Ole Kæseler Andersen, Design and test of a Microsoft Kinect-based system for delivering adaptive visual feedback to stroke patients during training of upper limb movement, MEDICAL AND BIOLOGICAL ENGINEERING AND COMPUTING, pp. 1 - 9, Mar, 2017	M21, (1.971)
35.	A. Илић, С. Ђирковић, М. Илић, Ј. Ристић-Ђуровић, Design of a combined function magnet with individually adjustable functions, IEEE TRANSACTIONS ON NUCLEAR SCIENCE, Vol. 64, No. 5, pp. 1109 - 1117, May, 2017	M21, (1.44)
36.	S. V. Savić, M. M. Ilić, A. R. Djordjević, Design of Internal Wire-Based Impedance Matching of Helical Antennas Using an Equivalent Thin-Wire Model, INTERNATIONAL JOURNAL OF ANTENNAS AND PROPAGATION, Vol. 2017, pp. 7365793-1 - 5, Dec, 2017	M23, (1.378)
37.	P. Mandić, T. Šekara, M. Lazarević, M. Bošković, Dominant pole placement with fractional order PID controllers: D-decomposition approach, ISA TRANSACTIONS, Vol. 67, pp. 76 - 86, Mar, 2017	M21a, (3.37)
38.	LJ. Kevac, M. Filipović, A. Rakić, Dynamics of the process of the rope winding (unwinding) on the winch, APPLIED MATHEMATICAL MODELLING, Vol. 48, No. 1, pp. 821 - 843, Aug, 2017	M21, (2.617)
39.	Z. Radaković, M. Јевтић, B. Das, Dynamic thermal model of kiosk oil immersed transformers based on the thermal buoyancy driven air flow, INTERNATIONAL JOURNAL OF ELECTRICAL POWER AND ENERGY SYSTEMS, Vol. 92, pp. 14 - 24, Nov, 2017	M21, (3.61)
40.	N. Miljković, N. Popović, O. Djordjevic, L. Konstantinović, T. Šekara, ECG artifact cancellation in surface EMG signals by fractional order calculus application, COMPUTER METHODS AND PROGRAMS IN BIOMEDICINE, Vol. 170, pp. 259 - 264, Mar, 2017	M21, (2.674)
41.	A. Đorđević, D. Olčan, N. Obradović, V. Paunović, S. Filipović, V. Pavlović, Electrical Properties of Magnesium Titanate Ceramics Post Sintered by Hot Isostatic Pressing, SCIENCE OF SINTERING, No. 49, pp. 373 - 380, Dec, 2017	M22, (0.667)
42.	H. Redžović, M. Vesović, A. Smiljanić, M. Bjelica, Energy-efficient network processing based on netmap framework, ELECTRONICS LETTERS, Vol. 53, No. 6, pp. 407 - 409, Mar, 2017	M23, (1.232)
43.	Н. Попов, S. Vukosavić, Estimator of the Rotor Temperature of Induction Machines Based on Terminal Voltages and Currents, IEEE TRANSACTIONS ON ENERGY CONVERSION, Vol. 32, No. 1, pp. 155 - 163, Mar, 2017	M21, (3.767)

44.	A. J. Krneta, B. M. Kolundzija, Evaluation of Potential and Impedance Integrals in Analysis of Axially Symmetric Metallic Structures to Prescribed Accuracy up to Machine Precision, IEEE TRANSACTIONS ON ANTENNAS AND PROPAGATION, Vol. 65, No. 5, pp. 2526 - 2539, Feb, 2017	M21, (4.13)
45.	N. Munic, M. Nikolic Stevanovic, A. Djordjevic, A. Kovačević, Evaluation of radiating-source parameters by measurements in faraday cages and sparse processing, MEASUREMENT, Vol. 104, pp. 105 - 116, 2017	M21, (2.218)
46.	Jovana Milutinović, Nenad Nedeljković, Nenad Korolija, Biljana Miličić, Facial profile esthetics change of Class II patients treated with the Herbst appliance as perceived by orthodontists and laypersons, SRPSKI ARHIV ZA CELOKUPNO LEKARSTVO, pp. 1 - 10, Mar, 2017	M23, (0.3)
47.	Blagoje M. Babić, Saša D. Milić, Aleksandar Ž. Rakić, Fault detection algorithm used in a magnetic monitoring system of the hydrogenerator, IET ELECTRIC POWER APPLICATIONS, Vol. 11, No. 1, pp. 63 - 71, Jan, 2017	M22, (2.211)
48.	Р. Николић, S. Ješić, Н. Ђировић, Fixed points theorems for non-self mappings with nonlinear contractive conditions in strictly convex Menger PM-spaces, FIXED POINT THEORY, Vol. 18, No. 1, pp. 315 - 328, Mar, 2017	M22, (0.548)
49.	S. Milovanović, M. Tadić, F. Peeters, Graphene membrane as a pressure gauge, APPLIED PHYSICS LETTERS, Vol. 111, pp. 043101-1 - 043101-4, 2017	M21, (3.495)
50.	G. Savić, M. Prokin, V. Rajović, D. Prokin, High-performance 1-D and 2-D inverse DWT 5/3 filter architectures for efficient hardware implementation, CIRCUITS, SYSTEMS, AND SIGNAL PROCESSING, Vol. 36, No. 9, pp. 3674 - 3701, Sep, 2017	M22, (1.998)
51.	S. Vukosavić, L. Peric, High Precision Active Suppression of DC Bias in AC Grids by Grid Connected Power Converters, IEEE TRANSACTIONS ON INDUSTRIAL ELECTRONICS, Vol. 64, No. 1, pp. 857 - 865, Jan, 2017	M21a, (7.05)
52.	A. Lekić, D. Stipanović, Hysteresis Switching Control of the Ćuk Converter Operating in Discontinuous Conduction Modes, IEEE TRANSACTIONS ON CIRCUITS AND SYSTEMS. II: EXPRESS BRIEFS, Vol. 64, No. 9, pp. 1077 - 1081, Sep, 2017	M22, (2.45)
53.	A. Gavrovska, G. Zajić, V. Bogdanović, I. Reljin, B. Reljin, Identification of S1 and S2 Heart Sound Patterns based on Fractal Theory and Shape Context, COMPLEXITY, pp. 1 - 9, Nov, 2017	M21a, (1.829)
54.	З. Шарић, М. Суботић, Р. Билибајкић, С. Јовичић, М. Варјактаровић, Improved transient evoked otoacoustic emission screening test using simple regression model and window optimization, APPLIED ACOUSTICS, Vol. 127, pp. 215 - 222, Dec, 2017	M22, (1.721)
55.	A. Kovačević, J. Ristic-Djurovic, M. Lekić, B. B. Hadžić, G. Saleh Isa Abudagel, С. Петричевић, Р. Миловић, В. Матовић, D. Dramlić, L. Brajović, Н. Ромчевић, Improvement of magneto-optical quality of high purity Bi <sub>12</sub> GeO <sub>20</sub> single crystal induced by femtosecond pulsed laser irradiation, OPTOELECTRONICS AND ADVANCED MATERIALS-RAPID COMMUNICATIONS, Vol. 11, No. 7-8, pp. 477 - 481, Aug, 2017	M23, (0.386)
56.	M. Tausanovic, M. Ignjatović, J. Cvetić, F. Heidler, M. Alimpijević, D. Pavlović, Influence of current reflections from the ground on corona sheath dynamics during the return stroke, ELECTRIC POWER SYSTEMS RESEARCH, Vol. 143, pp. 84 - 98, Feb, 2017	M21, (2.856)
57.	A. Terzić, N. Obradović, J. Stojanović, V. Pavlović, L. Andrić, D. Oléan, A. Djordjević, Influence of different bonding and fluxing agents on the sintering behavior and dielectric properties of steatite ceramic materials, CERAMICS INTERNATIONAL, Vol. 43, No. 16, pp. 13264 - 13275, Nov, 2017	M21a, (3.057)
58.	M. Mitrovic, O. Ciraj-Bjelac, Z. Orescanin, e. al, Influence of radiation dose in computed tomography on antioxidant enzyme activity in rabbit erythrocytes, NUCLEAR TECHNOLOGY AND RADIATION PROTECTION, Vol. 32, pp. 342 - 349, 2017	M23, (0.429)

59.	L. Perazić, K. Stanković, Č. Belić, M. Pejović, Influence of the percentage share of electronegative gas in the mixture with noble gas on the free-electron gas spectrum and recovery time, IEEE TRANSACTIONS ON DIELECTRICS AND ELECTRICAL INSULATION, Vol. 24, No. 5, pp. 2765 - 2774, 2017	M22, (1.774)
60.	М. Радловић, S. Girbal, M. Tomašević, Low-level Implementation of the SISC Protocol for Thred-level on a Multi-core Architecture, PARALLEL COMPUTING, Vol. 67, pp. 1 - 19, Sep, 2017	M22, (0.938)
61.	S. Veinović, M. Ponjavić, S. Milić, P. Ђурић, Low-power Design for DC Current Transformer Using Class-D Compensating Amplifier, IET Circuits, Devices and Systems, pp. 1 - 7, Nov, 2017	M23, (1.395)
62.	Н. Вуковић, J. Радовановић, V. Milanović, D. Boiko, Low -- treshold RNGH instabilities in quantum cascade lasers, IEEE JOURNAL OF SELECTED TOPICS IN QUANTUM ELECTRONICS, Vol. 24, pp. 26911 - 26929, 2017	M21a, (3.367)
63.	S. Brkić, P. Ivaniš, B. Vasić, Majority Logic Decoding Under Data-Dependent Logic Gate Failures, IEEE TRANSACTIONS ON INFORMATION THEORY, Vol. 63, No. 10, pp. 6295 - 6306, Oct, 2017	M21, (2.187)
64.	Ž. Despotović, D. Urukalo, M. Lečić, A. Čosić, Mathematical modelling of resonant linear vibratory conveyor with electromagnetic excitation: simulations and experimental results, APPLIED MATHEMATICAL MODELLING, Vol. 41, pp. 1 - 24, Jan, 2017	M21, (2.617)
65.	M. Tomić, Z. Đinović, M. Scheerer, S. Petričević, Measurement of Morphing Wing Deflection by a Cross-Coherence Fiber Optic Interferometric Technique, SMART MATERIALS AND STRUCTURES, Vol. 27, No. 1, pp. 1 - 11, Dec, 2017	M21a, (2.963)
66.	М. Бјелић, М. Станојевић, Д. Шумарац Павловић, М. Мијић, Microphone array geometry optimization for traffic noise analysis, JOURNAL OF THE ACOUSTICAL SOCIETY OF AMERICA, Vol. 141, No. 5, pp. 3101 - 3104, May, 2017	M22, (1.605)
67.	M. Marouf, G. Vukomanović, L. Saranovac, M. Božić, Multi-purpose ECG telemetry system, BIOMEDICAL ENGINEERING ONLINE, Vol. 16, No. 1, pp. 1 - 20, Jun, 2017	M23, (1.676)
68.	S. Stević, B. Iričanin, Z. Šmarda, Note on bounded solutions to nonhomogenous linear difference equations, Electronic Journal of Differential Equations, Vol. 2017, No. 286, pp. 1 - 22, Nov, 2017	M21, (0.944)
69.	М. Паскаш, I. Reljin, Б. Рељин, Novel Fractional-Order Difference Schemes Reducible to Standard Integer-Order Formulas, IEEE SIGNAL PROCESSING LETTERS, Vol. 24, No. 6, pp. 912 - 916, Jun, 2017	M21, (2.813)
70.	Ž. Rosić, O. Mihić, D. Aleksić, D. Drajić, Novel Method for Optimal Synthesis of 5G Millimeter Wave Linear Antenna Array, INTERNATIONAL JOURNAL OF ANTENNAS AND PROPAGATION, pp. 1 - 6, Mar, 2017	M23, (1.378)
71.	D. N. Grujić, Numerical Hilbert Transform Algorithm for Causal Interpolation of Piecewise Polynomial Even and Odd Functions, IEEE TRANSACTIONS ON MICROWAVE THEORY AND TECHNIQUES, Vol. 65, No. 6, pp. 2000 - 2008, Jun, 2017	M21, (3.176)
72.	S. Stević, B. Iričanin, Z. Šmarda, On a solvable class of product-type systems of difference equations, FILOMAT, Vol. 31, No. 19, pp. 6113 - 6129, Dec, 2017	M23, (0.635)
73.	A. Albla, B. Brković, M. Ječmenica, Z. Lazarević, Online temperature monitoring of a grid connected induction motor, INTERNATIONAL JOURNAL OF ELECTRICAL POWER AND ENERGY SYSTEMS, Vol. 93, pp. 276 - 282, Dec, 2017	M21, (3.61)
74.	B. Jakovljević, T. Šekara, M. Rapačić, Z. Jeličić, On the distributed order PID controller, AEU-INTERNATIONAL JOURNAL OF ELECTRONICS AND COMMUNICATIONS, Vol. 79, pp. 94 - 101, Sep, 2017	M22, (2.115)

75.	M. Ilić, B. Prlinčević, P. Spalević, S. Panić, D. Drajić, On the Transmission of Colour Image over Double Generalized Gamma FSO Channel, ELEKTRONIKA IR ELEKTROTEHNIKA, pp. 79 - 83, May, 2017	M23, (1.088)
76.	D. Kotur, Ž. Đurišić, Optimal spatial and temporal demand side management in a power system comprising renewable energy sources, RENEWABLE ENERGY, Vol. 108, pp. 533 - 547, Aug, 2017	M21, (4.9)
77.	A. Cvetković, V. Blagojević, P. Ivaniš, Performance Analysis of Nonlinear Energy-Harvesting DF Relay System in Interference-Limited Nakagami-m Fading Environment, ETRI JOURNAL, Vol. 39, No. 6, pp. 803 - 812, Dec, 2017	M23, (0.739)
78.	N. Krzanovic, M. Zivanovic, O. Ciraj-Bjelac, D. Lazarevic, S. Ceklic, S. Stanković, Performance Testing Of Selected Types of Electronic Personal Dosimeters in X- and Gamma Radiation Fields, HEALTH PHYSICS, Vol. 113, No. 4, pp. 252 - 261, 2017	M22, (0.993)
79.	M. Pejović, K. Stanković, I. Fetahovic, M. Pejović, Processes in insulating gas induced by electrical breakdown responsible for commercial gas-filled surge arresters delay response, VACUUM, Vol. 137, pp. 85 - 91, 2017	M22, (2.067)
80.	J. Ciganović, P. Matavulj, M. Trtica, J. Stašić, J. Savović, S. Živković, M. Momčilović, Pulsed TEA CO <sub>2</sub> Laser Irradiation of Titanium in Nitrogen and Carbon Dioxide Gases, RUSSIAN JOURNAL OF PHYSICAL CHEMISTRY, Vol. 91, No. 13, pp. 2696 - 2701, Dec, 2017	M23, (0.549)
81.	M. Đurić-Jovičić, N. Jovičić, A. Roby-Brami, M. B. Popović, V. Kostić, A. Đorđević, Quantification of Finger-Tapping Angle Based on Wearable Sensors, SENSORS, Vol. 17, No. 2, pp. 1 - 16, Jan, 2017	M21, (2.475)
82.	B. Malešević, M. Rašajski, T. Lutovac, Refinements and generalizations of some inequalities of Shafer-Fink's type for the inverse sine function, JOURNAL OF INEQUALITIES AND APPLICATIONS, Vol. 2017, No. 275, pp. 1 - 9, 2017	M21, (0.966)
83.	M. Cvetanović, Z. Radivojević, V. Milutinović, Restart optimization for transactional memory with lazy conflict detection, INTERNATIONAL JOURNAL OF PARALLEL PROGRAMMING, Vol. 45, No. 3, pp. 482 - 507, Jun, 2017	M22, (0.897)
84.	D. M. Gvozdić, A. R. Totović, J. V. Crnjanski, M. M. Krstić, S. A. Gebrewold, J. Leuthold, M. L. Mašanović, Self-Seeded RSOA Fiber Cavity Laser and the Role of Rayleigh Backscattering - An Analytical Model, JOURNAL OF LIGHTWAVE TECHNOLOGY, Vol. 35, No. 22, pp. 4845 - 4850, Nov, 2017	M21, (3.652)
85.	M. Štrbac, M. Isaković, M. Belić, I. Popović, I. Simanić, D. Farina, T. Keller, S. Došen, Short- and Long-Term Learning of Feedforward Control of a Myoelectric Prosthesis with Sensory Feedback by Amputees, IEEE TRANSACTIONS ON NEURAL SYSTEMS AND REHABILITATION ENGINEERING, Vol. 25, No. 11, pp. 2133 - 2145, 2017	M21a, (3.972)
86.	A. Lekić, Simulation of PWM DC-DC converters using eigenvalues and eigenvectors, JOURNAL OF ELECTRICAL ENGINEERING-ELEKTROTEHNIČKY CASOPIS, Vol. 68, No. 1, pp. 13 - 22, Feb, 2017	M23, (0.508)
87.	I. Batas-Bjelić, H. Rajaković, H. Дућ, Smart municipal energy grid within electricity market, ENERGY, Vol. 137, pp. 1277 - 1285, Oct, 2017	M21a, (4.968)
88.	M. Bjelić, M. Stanojević, J. D. Čertić, M. Merkle, Statistical properties of quantisation noise in analogue-to-digital converter with oversampling and decimation, IET Circuits, Devices and Systems, Vol. 11, No. 5, pp. 421 - 427, Sep, 2017	M23, (1.395)
89.	M. Janjic, N.Vukmirovic, M.Eric, TDOA, Frequency and Phase Offsets Estimation Taking Into Account Carrier Phase of Arrival, RADIOENGINEERING, Vol. 26, No. 4, pp. 1143 - 1150, Dec, 2017	M23, (1.048)

90.	J. Malešević, M. Štrbac, M. Isaković, V. Kojić, LJ. Konstantinović, A. Vidaković, S. Dedijer Dujović, M. Kostić, T. Keller, Temporal and Spatial Variability of Surface Motor Activation Zones in Hemiplegic Patients During Functional Electrical Stimulation Therapy Sessions, ARTIFICIAL ORGANS, Vol. 41, No. 11, pp. E166 - E177, 2017	M22, (2.111)
91.	R. Božović, M. Simić, P. Pejović, M. Dukić, The analysis of Closed-Form Solution for Energy Detector Dynamic Threshold Adaptation in Cognitive Radio, RADIOENGINEERING, Vol. 26, No. 4, pp. 1104 - 1109, 2017	M23, (1.048)
92.	R. Kostić, J. Mikulović, The empirical models for estimating solar insolation in Serbia by using meteorological data on cloudiness, RENEWABLE ENERGY, Vol. 114, pp. 1281 - 1293, Dec, 2017	M21, (4.9)
93.	N. Hadžiefendić, M. Давидовић, В. Ђорђевић, М. Костић, The Impact of an Incomplete Overlap of a Copper Conductor and the Corresponding Terminal on the Contact Temperature, IEEE TRANSACTIONS ON COMPONENTS PACKAGING AND MANUFACTURING TECHNOLOGY, Vol. 7, No. 10, pp. 1644 - 1654, 2017	M22, (1.66)
94.	D. Maletić, N. Puač, G. Malović, A. Đorđević, Z. Petrović, The influence of electrode configuration on light emission profiles and electrical characteristics of an atmospheric-pressure plasma jet, JOURNAL OF PHYSICS D: APPLIED PHYSICS, pp. 1 - 12, 2017	M21, (2.373)
95.	T. Lutovac, B. Malešević, C. Mortici, The natural algorithmic approach of mixed trigonometric-polynomial problems, JOURNAL OF INEQUALITIES AND APPLICATIONS, Vol. 2017, No. 116, pp. 1 - 16, 2017	M21, (0.966)
96.	S. Al-Musawi, Z. Lazarević, Z. Bajramović, P. Osmokrović, The Oil Paper Insulation Reliability Estimation Of 420 kV Transformer Concerning Thermal Stresses During Exploitation Conditions, THERMAL SCIENCE, Vol. 20, No. 5, pp. 1713 - 1723, 2017	M22, (1.431)
97.	Lj. Kevac, M. Filipović, A. Rakić, The trajectory generation algorithm for the cable-suspended parallel robot - The CPR Trajectory Solver, ROBOTICS AND AUTONOMOUS SYSTEMS, Vol. 94, pp. 25 - 33, Aug, 2017	M21, (2.638)
98.	N. Oračak, V. Milanović, J. Радовановић, Transmission singularities in resonant electron tunneling through double complex potential barrier, PHYSICS LETTERS A, pp. 3542 - 2547, 2017	M22, (1.863)
99.	S. Tadić, R. Stančić, L. Saranovac, P. Ivaniš, Vehicle Collision Reconstruction With 3-D Inertial Navigation and GNSS, IEEE TRANSACTIONS ON INSTRUMENTATION AND MEASUREMENT, Vol. 66, No. 1, pp. 14 - 23, Jan, 2017	M21, (2.794)
100.	B. Marković, J. Galić, Đ. Grozdić, С. Јовичић, М. Мјјић, Whispered Speech Recognition Based on Gammatone Filterbank Cepstral Coefficients, JOURNAL OF COMMUNICATIONS TECHNOLOGY AND ELECTRONICS, Vol. 62, No. 11, pp. 1255 - 1261, Nov, 2017	M23, (0.431)



г) Радови са SCI/SCIE листе у 2018. години

Р.Б	Радови (на СЦИ/ ССЦИ листи) у научним часописима са званичне листе ресорног министарства за науку у складу са захтевима допунских стандарда за дато поље (аутори, назив рада, часопис, година)	М коеф. (imp. f.)
1.	N. Орачаk, V. Milanović, J. Радовановић, , "Optical transmission singularities in light through propagation through double active barrier structure ", MODERN PHYSICS LETTERS. B, CONDENSED MATTER PHYSICS, STATISTICAL PHYSICS, APPLIED PHYSICS, pp. 185026/1 - 185026/13, 2018	M23, (0.731)
2.	M. Dubajić, A. Daničić, H. Вуковић, J. Радовановић, V. Milanović, ,"Optimization cubic GaN/AlGaN quantum cascade structures for negative refraction in the THz spectral range", OPTICAL AND QUANTUM ELECTRONICS, pp. 373/1 - 373/10, 2018	M22, (1.168)
3.	N. Орачаk, V. Milanović, J. Радовановић, " Transmission and tunnelling time characteristics in light through propagation in anisotropic double semiconductor layered structure ", OPTICAL AND QUANTUM ELECTRONICS, pp. 142/1 - 142/12, 2018	M22, (1.168)
4.	Đorđe M. Đurđević, Igor I. Tartalja, 2D-RBUC for efficient parallel compression of residuals, COMPUTERS AND GEOSCIENCES, Vol. 111, pp. 118 - 126, Feb, 2018	M21, (2.567)
5.	M. Rašajski, T. Lutovac, B. Malešević, About some exponential inequalities related to the sinc function, JOURNAL OF INEQUALITIES AND APPLICATIONS, Vol. 2018, No. 150, pp. 1 - 10, 2018	M21, (0.966)
6.	B. Malešević, Y. Hu, C. Mortici, Accurate estimates of $(1+x)^{1/x}$ Involved in Carleman Inequality and Keller Limit, FILOMAT, Vol. 32, No. 13, pp. 1 - 5, 2018	M22, (0.695)
7.	K. Labus, B. Notaroš, M. Ilić, C. Sutherland, A. Holcomb, C. Puttlitz, A Coaxial Dipole Antenna for Passively Sensing Object Displacement and Deflection for Orthopaedic Applications, IEEE ACCESS, Vol. 6, No. 1, pp. 68184 - 68194, Dec, 2018	M21, (3.557)
8.	A. Ђуретић, M. Kostić, Actual energy savings when replacing high-pressure sodium with LED luminaires in street lighting, ENERGY, Vol. 157, pp. 367 - 378, 2018	M21a, (4.968)
9.	Z. Stanisavljevic, P. Vuletic, Adding practical experience to computer security course, COMPUTER APPLICATIONS IN ENGINEERING EDUCATION, Vol. 26, No. 2, pp. 384 - 392, Mar, 2018	M22, (1.153)
10.	N. Jovičić, B. Рајовић, A Floating Linear Voltage Regulator for Powering Large-Scale Differential Communication Networks, IEEE ACCESS, Vol. 6, pp. 24669 - 24679, 2018	M21, (3.557)
11.	J. Trifunovic, A mathematical method for determining optimal quantity of backfill materials used for grounding resistance reduction, MATHEMATICAL PROBLEMS IN ENGINEERING, Vol. 2018, No. Article ID 48637, pp. 1 - 9, Mar, 2018	M22, (1.145)
12.	T. Рајић, Z. Stojanović, An algorithm for longitudinal differential protection of transmission lines, INTERNATIONAL JOURNAL OF ELECTRICAL POWER AND ENERGY SYSTEMS, Vol. 96, pp. 276 - 286, Jan, 2018	M21, (3.61)
13.	B. Рајчин, P. Matavulj, M. Radivojević, Analysis of Online DBA Algorithm with Adaptive Sleep Cycle in WDM EPON, FIBER AND INTEGRATED OPTICS, Vol. 37, No. 3, pp. 171 - 184, Mar, 2018	M23, (0.895)
14.	Vera Miler Jerković, Vladimir. Kojić, Nataša Dragašević Mišković, Tijana Djukić, Vladimir S. Kostić, Mirjana B. Popović, Analysis of on-surface and in-air movement in handwriting of subjects with Parkinson's disease and atypical parkinsonism, Biomedical Engineering / Biomedizinische Technik, pp. 1 - 8, May, 2018	M23, (1.096)

15.	T. Šekara, B. Blanuša, B. Knežević, A new analytical approach for design of current and speed controllers in electrical motor drives, ELECTRICAL ENGINEERING (ARCHIV FUR ELEKTROTECHNIK), Vol. 100, No. 4, pp. 2789 - 2797, Oct, 2018	M23, (1.269)
16.	T. Lutovac, B. Malešević, M. Rašajski, A New Method for Proving Some Inequalities Related to Several Special Functions, RESULTS IN MATHEMATICS, Vol. 73, No. 100, pp. 1 - 15, 2018	M21, (0.969)
17.	Д. Милошевић, Ž. Đurišić, A new technique for improving stability of distributed synchronous generators during temporary faults in a distribution network, INTERNATIONAL JOURNAL OF ELECTRICAL POWER AND ENERGY SYSTEMS, pp. 299 - 308, 2018	M21, (3.61)
18.	B. Markovic, Đ. Grozdić, M. Mijić, Application of Teager Energy Operator on Linear and Mel Scales for Whispered Speech Recognition, ARCHIVES OF ACOUSTICS, Vol. 43, No. 1, pp. 3 - 9, Jan, 2018	M23, (0.917)
19.	B. Malešević, T. Lutovac, B. Banjac, A proof of an open problem of Yusuke Nishizawa for a power-exponential function, Journal of Mathematical Inequalities, Vol. 12, No. 2, pp. 473 - 485, 2018	M22, (0.849)
20.	I. Popović, A. Rakić, Architectural approach to cope with network-induced problems in network control systems design, JOURNAL OF ELECTRICAL ENGINEERING-ELEKTROTECHNICKY CASOPIS, Vol. 69, No. 4, pp. 270 - 278, Aug, 2018	M23, (0.508)
21.	B. Malešević, M. Rašajski, T. Lutovac, A Refined estimates and generalizations of inequalities related to the arctangent function and Shafer's inequality, MATHEMATICAL PROBLEMS IN ENGINEERING, Vol. 2018, pp. 1 - 8, 2018	M22, (1.145)
22.	V. Petrović, Artificial Intelligence and Virtual Worlds - Toward Human-Level AI Agents, IEEE ACCESS, pp. 39976 - 39988, 2018	M21, (3.557)
23.	L. Popović Maneski, A. Алексић, A. Metani, V. Bergeron, P. Чобелић, D. Popović, Assessment of spasticity by a pendulum test in SCI patients who exercise FES cycling or receive only conventional therapy, IEEE TRANSACTIONS ON NEURAL SYSTEMS AND REHABILITATION ENGINEERING, Vol. 26, No. 1, pp. 181 - 187, Jan, 2018	M21a, (3.972)
24.	G. Zajić, A. Gavrovska, I. Reljin, B. Reljin, A video hard cut detection using multifractal features, MULTIMEDIA TOOLS AND APPLICATIONS, pp. 1 - 20, Jul, 2018	M21, (1.541)
25.	G. Zajic, A. Gavrovska, I. Reljin, B. Reljin, A video hard cut detection using multifractal features, MULTIMEDIA TOOLS AND APPLICATIONS, pp. 1 - 20, Jul, 2018	M21, (1.541)
26.	P. Hautasaari, H. Saloranta, A. Savić, K. Korniloff, U. Kujala, I. Tarkka, Bilateral activations in operculo-insular area show temporal dissociation after peripheral electrical stimulation in healthy adults, EUROPEAN JOURNAL OF NEUROSCIENCE, pp. 1 - 35, May, 2018	M22, (2.941)
27.	D. Grujić, Closed-Form Solution of Rough Conductor Surface Impedance, IEEE TRANSACTIONS ON MICROWAVE THEORY AND TECHNIQUES, Vol. 66, No. 11, pp. 4677 - 4683, Aug, 2018	M21, (3.176)
28.	K. Stanković, U. Kovačević, Combined Measuring Uncertainty of Capacitive Divider with Concentrated Capacitance on High-Voltage Scale, IEEE TRANSACTIONS ON PLASMA SCIENCE, Vol. 46, No. 8, pp. 2972 - 2978, 2018	M23, (1.253)
29.	S. Ješić, R. Nikolić, R. Pant, Common fixed point theorems for self-mappings in Menger PM-spaces with nonlinear contractive condition, JOURNAL OF FIXED POINT THEORY AND APPLICATIONS, Vol. 20:90, pp. 1 - 11, May, 2018	M21, (0.971)

30.	Z. Radivojevic, Z. Stanisavljevic, M. Punt, Configurable simulator for computer architecture and organization, COMPUTER APPLICATIONS IN ENGINEERING EDUCATION, Vol. 26, No. 5, pp. 1711 - 1724, Sep, 2018	M22, (1.153)
31.	LJ. Kevac, M. Filipović, A. Rakić, Contribution to Modelling the Cable-Suspended Parallel Robot Intended for Application in Greenhouses, INTERNATIONAL JOURNAL OF ROBOTICS & AUTOMATION, Vol. 33, No. 2, pp. 194 - 201, Mar, 2018	M23, (1.065)
32.	P. Mišljen, M. Tanasković, Ž. Despotović, M. Matijević, CONTROLLING ELECTROMAGNETIC VIBRATING FEEDER BY USING A MODEL PREDICTIVE CONTROL ALGORITHM, INTERCIENCIA, Vol. 43, No. 10, pp. 31 - 42, Oct, 2018	M23, (0.258)
33.	A. Lekić, D. Stipanović, N. Petrović, Controlling the Ćuk Converter Using Polytopic Lyapunov Functions, IEEE TRANSACTIONS ON CIRCUITS AND SYSTEMS. II: EXPRESS BRIEFS, Vol. 65, No. 11, pp. 1678 - 1682, 2018	M22, (2.45)
34.	M. Radulović, T. Šekara, B. Lutovac, Decomposition of a class of linear electrical networks for calculation of total power, SADHANA-ACADEMY PROCEEDINGS IN ENGINEERING SCIENCES, Vol. 43, No. 9, pp. 1 - 7, Jun, 2018	M23, (0.592)
35.	B. Stojanović, O. Marques, A. Nešković, Deep learning-based approach to latent overlapped fingerprints mask segmentation, IET IMAGE PROCESSING, Vol. 12, No. 11, pp. 1934 - 1942, Oct, 2018	M23, (1.401)
36.	M. Pajnić, P. Pejović, O. Aleksić, Design and Analysis of a Novel Coupled Inductor Structure with Variable Coupling Coefficient, IET POWER ELECTRONICS, Vol. 11, No. 6, pp. 961 - 967, 2018	M21, (3.547)
37.	U. Kovačević, K. Stanković, N. Kartalović, B. Lončar, Design of capacitive voltage divider for measuring ultrafast voltages, INTERNATIONAL JOURNAL OF ELECTRICAL POWER AND ENERGY SYSTEMS, Vol. 99, pp. 426 - 433, 2018	M21, (3.61)
38.	O. Djordjevic, L. Konstantinović, N. Miljković, Difference between subjects in early chronic phase of low back pain with and without neuropathic component – observational cross sectional study, EUROPEAN JOURNAL OF PHYSICAL AND REHABILITATION MEDICINE, pp. in - print, Oct, 2018	M21, (2.208)
39.	S. Vukosavić, L. Peric, E. Levi, Digital Current Controller with Error-Free Feedback Acquisition and Active Resistance, IEEE TRANSACTIONS ON INDUSTRIAL ELECTRONICS, Vol. 65, No. 3, pp. 1980 - 1990, Sep, 2018	M21a, (7.168)
40.	Р. Чобелић, К. Рибарић Јанкес, А. Алексић, Ј. Поповић Манески, Ј. Швиртлих, D. Popović, Does galvanic vestibular stimulation decrease spasticity in clinically complete spinal cord injury?, INTERNATIONAL JOURNAL OF REHABILITATION RESEARCH, Vol. 41, No. 3, pp. 531 - 542, Jun, 2018	M22, (1.432)
41.	Н. Хаџиефендић, Ј. Трифуновић, М. Костић, Effects of a Reduced Torque on Heating of Electrical Contacts in Plugs and Receptacles, IEEE TRANSACTIONS ON COMPONENTS PACKAGING AND MANUFACTURING TECHNOLOGY, Vol. 8, No. 11, pp. 1905 - 1913, Nov, 2018	M22, (1.66)
42.	A. Terzić, N. Obradović, D. Kosanović, J. Stojanović, A. Đorđević, V. Pavlović, Effects of mechanical-activation and TiO <sub>2</sub> addition on the behavior of two-step sintered steatite ceramics, CERAMICS INTERNATIONAL, pp. 1 - 1, Nov, 2018	M21a, (3.057)
43.	G. Savić, M. Prokin, V. Rajović, D. Prokin, Efficient one-dimensional forward and inverse discrete wavelet transformers, MICROPROCESSORS AND MICROSYSTEMS, Vol. 63, pp. 28 - 35, Nov, 2018	M22, (1.049)
44.	D. El Mezeni, L. Saranovac, Enhanced local tone mapping for detail preserving reproduction of high dynamic range images, JOURNAL OF VISUAL COMMUNICATION AND IMAGE REPRESENTATION, Vol. 53, pp. 122 - 133, May, 2018	M21, (2.164)

45.	T. Siiskonen, O. Ciraj-Bjelac, J. Dabin, e. al, Establishing the European diagnostic reference levels for interventional cardiology., PHYSICA MEDICA, Vol. 54, pp. 42 - 48, 2018	M22, (2.24)
46.	M. Bjelica, M. Simić Pejović, Experiences with remote laboratory, INTERNATIONAL JOURNAL OF ELECTRICAL ENGINEERING EDUCATION, Vol. 55, No. 1, pp. 79 - 87, Jan, 2018	M23, (0.593)
47.	N. Jovalekić, V. Drndarević, E. Pietrosevoli, I. Darby, M. Zennaro, Experimental Study of LoRa Transmission over Seawater, SENSORS, pp. 1 - 25, Aug, 2018	M21, (2.677)
48.	D. El Mezeni, L. Saranovac, Fast guided filter for power-efficient real-time 1080p streaming video processing, JOURNAL OF REAL-TIME IMAGE PROCESSING, pp. 1 - 15, Jul, 2018	M21, (2.01)
49.	H. Jarvinen, J. Farah, T. Siiskonen, O. Ciraj-Bjelac, e. al, Feasibility of setting up generic alert levels for maximum skin dose in fluoroscopically guided procedure, PHYSICA MEDICA, Vol. 46, pp. 67 - 74, 2018	M22, (2.24)
50.	M. Djuric-Jovicic, H. Јовичић, S. Radovanović, M. Ječmenica-Lukić, M. Belić, M. Popović, V. Kostić, Finger and foot tapping sensor system for objective motor assessment, VOJNOSANITETSKI PREGLED, Vol. 75, No. 1, pp. 68 - 77, Jan, 2018	M23, (0.405)
51.	S. Војић, Д. Шумарац Павловић, М. Мјић, Formation of Scattering Characteristics for Acoustical Ray Tracing Simulation, ARCHIVES OF ACOUSTICS, Vol. 43, No. 4, pp. 3 - 10, Dec, 2018	M23, (0.917)
52.	M. Rapaić, T. Šekara, M. Bošković, Frequency-distributed representation of irrational linear systems, Fractional Calculus and Applied Analysis, Vol. 21, No. 5, pp. 1396 - 1419, 2018	M21a, (2.865)
53.	P. Athalye, M. Ilić, B. Notaroš, Full-Wave Modeling of RF Exciters Using WIPL-D: Road to Real-Time Simulation and Optimization, APPLIED COMPUTATIONAL ELECTROMAGNETICS SOCIETY JOURNAL, Vol. 33, No. 10, pp. 1156 - 1158, Oct, 2018	M23, (0.59)
54.	A. Ђорђевић, Ž. Đurišić, General mathematical model for the calculation of economic cross sections of cables for wind farms collector systems, IET RENEWABLE POWER GENERATION, pp. 901 - 909, 2018	M21, (3.488)
55.	Dušan Z Jakovljević, Marko M Grujić, Milan Ž Tadić, François M Peeters, Helical edge states in silicene and germanene nanorings in perpendicular magnetic field, JOURNAL OF PHYSICS: CONDENSED MATTER, Vol. 30, No. 3, pp. 035301 - 035301, Jan, 2018	M21, (2.649)
56.	N. Vojnović, M. Stevanović, L. Crocco, A. Đorđević, High-Order Sparse Shape Imaging of PEC and Dielectric Targets Using TE Polarized Fields, IEEE TRANSACTIONS ON ANTENNAS AND PROPAGATION, Vol. 66, No. 4, pp. 2035 - 2043, Apr, 2018	M21, (4.13)
57.	M. Tomić, C. Chevallereau, K. Jovanović, V. Potkonjak, A. Rodić, Human to humanoid motion conversion for dual-arm manipulation tasks, ROBOTICA, pp. 1 - 21, Apr, 2018	M22, (1.554)
58.	M. Барјактаровић, М. Јанковић, М. Јерemić, М. Матовић, Hybrid Vision-Fusion system for whole-body scintigraphy, COMPUTERS IN BIOLOGY AND MEDICINE, Vol. 96, pp. 69 - 78, May, 2018	M21, (2.115)
59.	B. Pajčin, P. Matavulj, M. Radivojević, Improving quality of service in four-channel WDM Ethernet passive optical network, OPTICAL AND QUANTUM ELECTRONICS, Vol. 50, No. 10, pp. 371:1 - 14, Oct, 2018	M22, (1.168)
60.	P. Laušević, P. Pejović, D. Žugić, Y. Kochnev, P. Apel, Z. Laušević, Improving thin film flexible supercapacitor electrode properties using ion-track technology, JOURNAL OF MATERIALS SCIENCE-MATERIALS IN ELECTRONICS, Vol. 29, No. 9, pp. 7489 - 7500, May, 2018	M22, (2.324)

61.	M. Petrić, A. Nešković, N. Nešković, M. Borenović, Indoor Localization Using Multi-operator Public Land Mobile Networks and Support Vector Machine Learning Algorithms, WIRELESS PERSONAL COMMUNICATIONS, pp. 1 - 25, Dec, 2018	M23, (1.2)
62.	M. Mitrovic, N. Tatalovic, A. Nikolic Kokic, O. Ciraj-Bjelac, e. al, Influence of absorbed radiation dose following computed tomography on the antioxidative status in rabbit testicles, ARCHIVES OF BIOLOGICAL SCIENCES, Vol. 70, No. 4, pp. 675 - 680, 2018	M23, (0.648)
63.	M. Grbić, J. Mikulović, D. Salamon, Influence of measurement uncertainty of overhead power line conductor heights on electric and magnetic field calculation results, INTERNATIONAL JOURNAL OF ELECTRICAL POWER AND ENERGY SYSTEMS, Vol. 98, pp. 167 - 175, Jun, 2018	M21, (3.61)
64.	M. C. Barjaktarović, S. J. Petričević, Inspection of empty beer bottles in beer's crates, OPTOELECTRONICS AND ADVANCED MATERIALS-RAPID COMMUNICATIONS, Vol. 12, No. 1-2, pp. 48 - 54, Feb, 2018	M23, (0.47)
65.	Z. Radaković, B. Das, Is Transformer kVA Derating Always Required Under Harmonics? A Manufacturer's Perspective, IEEE TRANSACTIONS ON POWER DELIVERY, Vol. 33, No. 6, pp. 2693 - 2699, Dec, 2018	M21, (3.35)
66.	N. Jovalekić, V. Drndarević, I. Darby, M. Zennaro, E. Pietrosevoli, F. Ricciato, LoRa Transceiver With Improved Characteristics, IEEE JOURNAL ON SELECTED AREAS IN COMMUNICATIONS, pp. 1 - 4, 2018	M21a, (8.085)
67.	A. Ђуретић, В. Шкеровић, Н. Арсић, М. Костић, Luminous flux to input power ratio, power factor and harmonics when dimming high-pressure sodium and LED luminaires used in street lighting, LIGHTING RESEARCH AND TECHNOLOGY, pp. 0 - 0, 2018	M21, (1.921)
68.	N. Petrović, A. Lekić, D. Stipanović, Lyapunov Characterization and Analysis of the Operating Modes of the AC-DC Ćuk Converter, IEEE Journal of Emerging and Selected Topics in Power Electronics, pp. 1 - 11, 2018	M21a, (5.177)
69.	Bogdan Mihailo Brkovic, Lepasava Bratimir Ristic, Mladen Vlajko Terzic, Ana V Stankovic, Zoran Mileta Lazarevic, Magnetizing Inductance Determination in a Six-phase Induction Machine, IEEE TRANSACTIONS ON ENERGY CONVERSION, pp. 1 - 12, Nov, 2018	M21, (3.808)
70.	И. Марковић, М. Потребих, Д. Тошић, Main-line memristor mounted type loaded-line phase shifter realization, MICROELECTRONIC ENGINEERING, Vol. 185-186, pp. 48 - 54, Jan, 2018	M22, (2.02)
71.	M. Stanojević, M. Bjelić, Д. Шумарац Павловић, М. Мијић, Measurements of noise energy angular distribution at the building envelope using microphone arrays, APPLIED ACOUSTICS, Vol. 140, pp. 283 - 287, Jun, 2018	M22, (1.921)
72.	M. Tasić, Б. Колунџија, Method of Moment Weighted Domain Decomposition Method for Scattering From Large Platforms, IEEE TRANSACTIONS ON ANTENNAS AND PROPAGATION, Vol. 66, No. 7, pp. 3577 - 3589, 2018	M21, (4.13)
73.	I. Popović, I. Radovanović, Methodology for detection of photovoltaic systems underperformance operation based on the correlation of irradiance estimates of neighboring systems, JOURNAL OF RENEWABLE AND SUSTAINABLE ENERGY, Vol. 10, No. 5, pp. 1 - 19, 2018	M23, (1.337)
74.	D. Biolek, Z. Kolka, V. Biolková, Z. Biolek, M. Potrebić, Д. Тошић, Modeling and simulation of large memristive networks, INTERNATIONAL JOURNAL OF CIRCUIT THEORY AND APPLICATIONS, Vol. 46, No. 1, pp. 50 - 65, 2018	M22, (1.571)
75.	D. S. Vujić, J. D. Čertić, Modelling of ultra high frequency television band radio signal propagation in underground mine environment, WIRELESS NETWORKS, pp. 1 - 12, 2018	M22, (1.981)

76.	D. Šošić, П. Стефанов, Multi-objective optimal reconfiguration of distribution network, JOURNAL OF ELECTRICAL ENGINEERING-ELEKTROTEHNIČKI CASOPIS, Vol. 69, No. 2, pp. 128 - 137, Apr, 2018	M23, (0.508)
77.	R. Jakovljević, A. Berić, E. van Dalen, D. Milićev, New access modes of parallel memory subsystem for sub-pixel motion estimation, JOURNAL OF REAL-TIME IMAGE PROCESSING, Vol. 15, No. 2, pp. 279 - 296, Aug, 2018	M21, (2.01)
78.	Marija Božić, Jelena D. Čertić, Milica Vukelić, Svetlana Čizmić, New Instructional Approach for Fostering Generic and Professional Competences: Case Study of the Project and Problem Based Learning Engineering Practice Course, INTERNATIONAL JOURNAL OF ENGINEERING EDUCATION, Vol. 34, No. 5, pp. 1581 - 1591, Sep, 2018	M23, (0.609)
79.	Irimi Reljin, Zoran Obradović, Mirjana B. Popović, Valeri Mladenov, New Methods for Analyzing Complex Biomedical Systems and Signals, COMPLEXITY, pp. 1 - 3, May, 2018	M21a, (4.621)
80.	S. Stević, B. Iričanin, W. Kosmala, Z. Šmarda, Note on the bilinear difference equation with a delay, MATHEMATICAL METHODS IN THE APPLIED SCIENCES, Vol. 2018, pp. 1 - 12, Nov, 2018	M22, (1.18)
81.	P. Bozovic, O. Ciraj-Bjelac, J. Stankovic Petrovic, OCCUPATIONAL EYE LENS DOSE ESTIMATED USING WHOLE-BODY DOSEMETER IN INTERVENTIONAL RADIOLOGY AND RADIOLOGY: A MONTE CARLO STUDY, RADIATION PROTECTION DOSIMETRY, pp. 1 - 8, 2018	M22, (0.917)
82.	S. Stević, B. Iričanin, Z. Šmarda, On a solvable symmetric and a cyclic system of partial difference equations, FILOMAT, Vol. 32, No. 6, pp. 2043 - 2065, Dec, 2018	M22, (0.695)
83.	B. Malešević, T. Lutovac, B. Banjac, One method for proving some classes of exponential analytical inequalities, FILOMAT, Vol. 32, No. 20, pp. 1 - 5, 2018	M22, (0.695)
84.	J. Domienik-Andrzejewska, O. Ciraj-Bjelac, P. Askounis, et al, Past and present work practices of European interventional cardiologists in the context of radiation protection of the eye lens - results of the EURALOC study, JOURNAL OF RADIOLOGICAL PROTECTION, Vol. 38, No. 3, pp. 934 - 950, 2018	M21a, (1.657)
85.	V. Blagojević, A. Cvetković, P. Ivaniš, Performance analysis of energy harvesting DF relay system in generalized-K fading environment, Physical Communication, Vol. 28, pp. 190 - 200, Jun, 2018	M22, (1.583)
86.	S. Filipović, N. Obradović, S. Marković, A. Đorđević, I. Balać, A. Dapčević, J. Rogan, V. Pavlović, Physical Properties of Sintered Alumina Doped with Different Oxides, SCIENCE OF SINTERING, Vol. 50, No. 4, pp. 1 - 11, Nov, 2018	M22, (0.736)
87.	M. Pejović, M. Pejović, K. Stanković, Physico-Chemical Processes Induced by Electrical Breakdown and Discharge Responsible for Memory Effect in Krypton with < 10 ppm Nitrogen, PLASMA CHEMISTRY AND PLASMA PROCESSING, Vol. 38, No. 2, pp. 415 - 428, 2018	M21, (2.658)
88.	Ž. Janičijević, F. Radovanović, Polyethersulfone/poly(acrylic acid) composite hydrogel membrane reservoirs for controlled delivery of cationic drug formulations, POLYMER, Vol. 147, pp. 56 - 66, Jul, 2018	M21, (3.684)
89.	M. Milićević, B. Milinković, D. Grujić, L. Saranovac, Power and Conjugately Matched High Band UWB Power Amplifier, IEEE TRANSACTIONS ON CIRCUITS AND SYSTEMS I-REGULAR PAPERS, Vol. 65, No. 10, pp. 3138 - 3149, Mar, 2018	M21, (2.823)
90.	J. Mikulović, B. Škrbić, Ž. Đurišić, Power definitions for polyphase systems based on Fortescue's symmetrical components, INTERNATIONAL JOURNAL OF ELECTRICAL POWER AND ENERGY SYSTEMS, Vol. 98, pp. 455 - 462, Jun, 2018	M21, (3.61)

91.	Ž. Đurišić, V. Papić, Power system frequency tracking based on LES technique with constant matrix, MEASUREMENT, pp. 308 - 321, 2018	M21, (2.359)
92.	V. Stevanović, M. Ilić, Ž. Đurović, T. Wala, S. Muszynski, I. Gajić, Primary Control Reserve of Electric Power by Feedwater Flow Rate Change Through an Additional Economizer - A Case Study of the Thermal Power Plant "Nikola Tesla B", ENERGY, Vol. 147, pp. 782 - 798, Feb, 2018	M21a, (4.968)
93.	S. Stević, B. Iričanin, Z. Šmarđa, Product-type system of difference equations with multiplicative coefficients solvable in closed form, JOURNAL OF COMPUTATIONAL ANALYSIS AND APPLICATIONS, Vol. 24, No. 6, pp. 1089 - 1102, 2018	M23, (0.609)
94.	J. Bobić, M. Ivanov, N. Ilić, A. Džunuzović, M. Vijatović-Petrović, J. Banus, A. Ribić, Ž. Despotović, B. Stojanović, PZT-nickel ferrite and PZT-cobalt ferrite comparative study: Structural, dielectric, ferroelectric and magnetic properties of composite ceramics, CERAMICS INTERNATIONAL, pp. 1 - 17, Jan, 2018	M21a, (3.057)
95.	G. Gennaro, S. Avramova-Cholakova, .. ., O. Ciraj-Bjelac, e. al, Quality Controls in Digital Mammography protocol of the EFOMP Mammo Working group, PHYSICA MEDICA, Vol. 48, pp. 55 - 64, 2018	M22, (2.24)
96.	L. Struelens, J. Dabin, E. Carinou, P. Askounis, O. Ciraj-Bjelac, e. al, Radiation-Induced Lens Opacities among Interventional Cardiologists: Retrospective Assessment of Cumulative Eye Lens Doses, RADIATION RESEARCH, Vol. 189, No. 9, pp. 399 - 408, 2018	M21, (2.539)
97.	M. Ivanovic, J. Petrovic, A. Savić, G. Gligoric, M. Miletic, M. Vukcevic, B. Bojovic, L. Hadzievski, T. Allsop, Real-time chest-wall-motion tracking by a single optical fibre grating: a prospective method for ventilator triggering mechanism, Physiological Measurement, pp. 1 - 14, Apr, 2018	M22, (2.058)
98.	M. Potrebić, D. Tošić, D. Biolk, Reconfigurable microwave filters using memristors, INTERNATIONAL JOURNAL OF CIRCUIT THEORY AND APPLICATIONS, Vol. 46, No. 1, pp. 113 - 121, 2018	M22, (1.571)
99.	M. Potrebić, D. Tošić, A. Plazinić, Reconfigurable multilayer dual-mode bandpass filter based on memristive switch, AEU-INTERNATIONAL JOURNAL OF ELECTRONICS AND COMMUNICATIONS, Vol. 97, pp. 290 - 298, Dec, 2018	M22, (2.115)
100.	S. Beatović, M. Radulović, M. Janković, V. Artiko, B. Ajdinović, D. Šobić-Šaranović, Renal output efficiency and normalized residual activity examined by technetium-99m-DTPA renography have by far greater specificity to diagnose obstructive disease as compared to other conventional parameters of the renogram, HELLENIC JOURNAL OF NUCLEAR MEDICINE, Vol. 21, No. 2, pp. 140 - 144, 2018	M23, (1.048)
101.	S. Stević, B. Iričanin, W. Kosmala, Z. Šmarđa, Representation of solutions of a solvable nonlinear difference equation of second order, ELECTRONIC JOURNAL OF QUALITATIVE THEORY OF DIFFERENTIAL EQUATIONS, Vol. 2018, No. 95, pp. 1 - 18, Dec, 2018	M21, (0.926)
102.	D. Drašković, M. Cvetanović, B. Nikolić, SAIL - Software system for learning AI algorithms, COMPUTER APPLICATIONS IN ENGINEERING EDUCATION, Vol. 26, No. 5, pp. 1195 - 1216, Jun, 2018	M22, (1.153)
103.	N. Basta, D. I. Olčan, Scattering from anisotropic surfaces analyzed with method of moments, MICROWAVE AND OPTICAL TECHNOLOGY LETTERS, Vol. 60, No. 7, pp. 1782 - 1787, May, 2018	M23, (0.948)
104.	M. Rašajski, T. Lutovac, B. Malešević, Sharpening and generalizations of Shafer-Fink and Wilker type inequalities: a new approach, Journal of Nonlinear Sciences and Applications, Vol. 11, No. 7, pp. 885 - 893, 2018	M21a, (1.34)

105.	N. Markovska, N. Duić, B. Vad Mathiesen, Z. Guzović, H. Schlör, I. Batas-Bjelić, H. Lund, Shedding light on energy transition: Special issue dedicated to 2016 conferences on sustainable development of energy, water and environment systems (Editorial Material), ENERGY, pp. 322 - 325, 2018	M21a, (4.968)
106.	N. B. Popović, N. Miljković, M. B. Popović, Simple gastric motility assessment method with a single-channel electrogastrogram, Biomedical Engineering / Biomedizinische Technik, pp. 1 - 9, Apr, 2018	M23, (1.096)
107.	M. M. Ilić, B. M. Notaroš, Slotted Waveguide Array RF Coil for Ultra-High-Field MRI, CONCEPTS IN MAGNETIC RESONANCE PART B-MAGNETIC RESONANCE ENGINEERING, pp. e21367 - -, Jun, 2018	M23, (0.684)
108.	B. Mihailović, V. Miler Jerković, B. Malešević, Solving fuzzy linear systems using a block representation of generalized inverses: The group inverse, FUZZY SETS AND SYSTEMS, pp. 1 - 22, 2018	M21a, (2.718)
109.	B. Mihailović, V. Miler Jerković, B. Malešević, Solving fuzzy linear systems using a block representation of generalized inverses: The More Penrose inverse, FUZZY SETS AND SYSTEMS, pp. 1 - 38, 2018	M21a, (2.718)
110.	M. Jovanović, I. Babić, M. Čabarkapa, J. Mišić, S. Mijalković, V. Nikolić, D. Randelović, SOSerbia: Android-Based Software Platform for Sending Emergency Messages, COMPLEXITY, Vol. 2018, pp. 1 - 9, Oct, 2018	M21a, (4.621)
111.	M. Bebić, L. Ristić, Speed Controlled Belt Conveyors: Drives and Mechanical Considerations, ADVANCES IN ELECTRICAL AND COMPUTER ENGINEERING, Vol. 18, No. 1, pp. 51 - 60, Feb, 2018	M23, (0.699)
112.	D. El Mezeni, L. Saranovac, Temporal adaptation control for local tone mapping operator, JOURNAL OF ELECTRICAL ENGINEERING-ELEKTROTECHNICKY CASOPIS, Vol. 69, No. 4, pp. 261 - 269, Aug, 2018	M23, (0.508)
113.	M. Vojnović, M. Mijić, Д. Шумарац Павловић, Transfer Characteristics of Vocal Tract Closed by Mask Cavity, ARCHIVES OF ACOUSTICS, Vol. 43, No. 2, pp. 307 - 311, May, 2018	M23, (0.917)
114.	I. Jovović, T. Koledin, Z. Stanić, Trees with small spectral gap, ARS MATHEMATICA CONTEMPORANEA, Vol. 14, No. 1, pp. 197 - 207, 2018	M21, (0.87)
115.	O. Ciraj-Bjelac, E. Carinou, F. Vanhavere, Use of active personal dosimeters in hospitals: EURADOS survey, JOURNAL OF RADIOLOGICAL PROTECTION, Vol. 38, No. 2, pp. 702 - 705, 2018	M21a, (1.657)
116.	A. J. Krneta, B. M. Kolundzija, Using Ultra High Expansion Orders of Max-Ortho Basis Functions for Analysis of Axially Symmetric Metallic Antennas, IEEE TRANSACTIONS ON ANTENNAS AND PROPAGATION, Vol. 66, No. 7, pp. 3696 - 3699, May, 2018	M21, (4.13)
117.	P. Bozovic, O. Ciraj-Bjelac, J. Stankovic Petrovic, D. Arandjic, S. Ceklic, UTILIZING MONTE CARLO SIMULATIONS IN ESTIMATION OF OCCUPATIONAL EYE LENS DOSE BASED ON WHOLE BODY DOSEMETER IN INTERVENTIONAL RADIOLOGY AND RADIOLOGY, NUCLEAR TECHNOLOGY AND RADIATION PROTECTION, Vol. 33, pp. 375 - 379, 2018	M23, (0.62)
118.	J. Jančić, N. Ivančević, B. Nikolić, M. Popović, Ž. Martinović, D. Stevanović, M. Grbić, V. Đurić, J. Samardžić, Visual evoked potentials – current concepts and future perspectives, VOJNOSANITETSKI PREGLED, Vol. 75, No. 5, pp. 496 - 503, May, 2018	M23, (0.405)
119.	М. Давидовић, Л. Ђокић, А. Чабаркапа, М. Костић, Warm white versus neutral white LED street lighting: Pedestrians' impressions, LIGHTING RESEARCH AND TECHNOLOGY, pp. 0 - 0, 2018	M21, (1.921)



120.	M. Božić, D. Bajramović, M. Čabarkapa, Đ. Budimir, Waveform comparison and PA nonlinearity effects on CP-OFDM and 5G FBMC wireless systems, MICROWAVE AND OPTICAL TECHNOLOGY LETTERS, Vol. 60, No. 8, pp. 1952 - 1956, Aug, 2018	M23, (0.948)
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