

Табела 6.4. Број и списак SCI-индексираних радова по годинама за претходни трогодишњи период

Број и списак SCI-индексираних радова за **2015.** годину

Р.бр.	Радови на СЦИ/ССЦИ листи у научним часописима	М
1	V. Stojanovic, N. Nedic: Robust Kalman filtering for nonlinear multivariable stochastic systems in the presence of non-Gaussian noise. International Journal of Robust and Nonlinear Control, DOI: 10.1002/rnc.3319, (ISSN: 1049-8923), (2015) (M21-IF:2.652)	M21
2	Vojislav Filipovic, (2015), Consistency of the robust recursive Hammerstein model identification algorithm, Journal of the Franklin Institute, Vol. 352, Issue 5, pp. 1932-1945, ISSN: 0016-0032, DOI:10.1016/j.jfranklin.2015.02.005 (M21-IF:2.396)	M21
3	Vojislav Filipovic, (2015), Recursive identification of ARX models in the presence of a priori information: Robustness and regularization, Signal Processing, Vol. 116, pp. 68-77, ISSN: 0165-1684, DOI: 10.1016/j.sigpro.2015.04.016 (M21-IF:2.238)	M21
4	V. Stojanovic, N. Nedic (2015): A nature inspired parameter tuning approach to cascade control for hydraulically driven parallel robot platform. Journal of Optimization Theory and Applications, DOI: 10.1007/s10957-015-0706-z, (ISSN: 0022-3239), (M21-IF:1.406)	M21
5	Aleksandar Nikolić, Slaviša Šalinić: A rigid multibody method for free vibration analysis of beams with variable axial parameters, Journal of Vibration and Control, DOI: 10.1177/1077546315575818 (2015) , (M21-IF 4.355)	M21
6	Balos, S., Radisavljevic, I., Rajnovic, D., Dramicanin, M., Tabakovic, S., Eric-Cekic, O. , Sidjanin, L.: Geometry, mechanical and ballistic properties of ADI material perforated plates, Materials & Design, 83, (2015), 66–74 (ISSN 0261-3069) Materials Science, Multidisciplinary, 43/259, IF 3.501/2014	M21
7	V. Stojanović, N. Nedić, (2015), Robust Kalman filtering for nonlinear multivariable stochastic systems in the presence of non-Gaussian noise. International Journal of Robust and Nonlinear Control, DOI:10.1002/rnc.3319, ISSN:1049-8923. (M21-IF:3.176)	M21
8	V. Stojanović, N. Nedić (2015), Joint state and parameter robust estimation of stochastic nonlinear systems. International Journal of Robust and Nonlinear Control, DOI: 10.1002/rnc.3490, ISSN: 1049-8923. (M21-IF:3.176)	M21
9	N. Nedić, V. Stojanović, V. Djordjević, (2015), Optimal control of hydraulically driven parallel robot platform based on firefly algorithm, Nonlinear Dynamics, Vol. 82, Issue 3 pp. 1457-1473, ISSN: 0924-090X, DOI: 10.1007/s11071-015-2252-5, (M21-IF: 2.849)	M21
10	Roshan Jamal R, Parvaneh Vahid, Radenovic Stojan, Rajovic Miloje, (2015), Some coincidence point results for generalized (psi, phi)-weakly contractions in ordered b-metric spaces, Fixed Point Theory And Applications, DOI: 10.1186/s13663-015-0313-6 (M21-IF:2.503)	M21
11	V.Filipovic, Consistency of the robust recursive Hammerstein model identification algorithm, Journal of the Franklin Institute, Vol. 352, Issue 5, pp. 1932-1945, ISSN: 0016-0032, DOI:10.1016/j.jfranklin.2015.02.005 (M21-IF:2.395)	M21

12	V. Filipović , (2015), Recursive identification of ARX models in the presence of a priori information: Robustness and regularization, Signal Processing, Vol. 116, pp. 68-77, ISSN: 0165-1684, DOI: 10.1016/j.sigpro.2015.04.016 (M21-IF:2.360)	M21
13	Slaviša Šalinić , Aleksandar Obradović, Srdjan Rusov, Zoran Mitrović, Zoran Stokić: Optimization of gravity flow discharge chutes under the speed dependent resisting forces: Maximizing exit velocity, Powder Technology, Vol. 273 , 203–209, (2015) (M21-IF 2.349)	M21
14	Rajnovic, D., Balos, S., Sidjanin, L., Eric Cekic, O. , Grbovic Novakovic, J.: Tensile properties of ADI material in water and gaseous environments, Materials Characterization, 101, (2015), 26-33, (ISSN 1044-5803) Materials Science, Characterization & Testing, 1/33, IF 1.925/2013 M21	M21
15	Aleksandar Obradović, Slaviša Šalinić , Dragan R.Trifković, Nemanja Zorić, Zoran Stokić: Free vibration of structures composed of rigid bodies and elastic beam segments, Journal of Sound and Vibration, Vol. 347, 126–138, (2015) (M21-IF 1.813)	M21
16	Radovan R. Bulatović , Goran Miodragović, Marina S. Bošković . Modified Krill Herd (MKH) and its application in dimensional synthesis of a four-bar linkage, Mechanism and Machine Theory, Volume 95: 1-21, (2016). (M21 - Impact factor: 1.660)	M21
17	V. Stojanović, N. Nedić , (2015), A nature inspired parameter tuning approach to cascade control for hydraulically driven parallel robot platform. Journal of Optimization Theory and Applications, DOI: 10.1007/s10957-015-0706-z, ISSN: 0022-3239. (M21-IF:1.509)	M21
18	Bjelić M. , Kovanda K., Kolařík L., Vukićević M., Radičević B. , Numerical modeling of two-dimensional heat-transfer and temperature-based calibration using simulated annealing optimization method: Application to gas metal arc welding, Thermal Science, 2015, Online-first, vol. 00, p. 127, doi:10.2298/TSCI150415127B	M22
19	Goran R. Miodragović, Radovan R. Bulatović . Loop bat family algorithm (Loop BFA) for constrained optimization, Journal of mechanical science and technology Volume 29, Issue 8, 3329-3341, (2015). (M23 - Impact factor: 0.838)	M23
20	D. B. Nauparac, D. H. Pršić , M. V. Miloš, I. S. Todić, (2015), Different Modeling Technologies Ofhydraulic Load Simulator for Thrust Vector Control Actuator, Technical Gazette, Vol.22 (3), pp. 599-606, ISSN:1330-3651. (M23-IF 0.579)	M23
21	Milan Bizic, Dragan Petrovic , Zoran Djinovic, Milos Tomic, Experimental testing of impact of railway wagons, Experimental Techniques, Volume 39, (2015), Issue 3, pages 69–78, ISSN 0732-8818, doi:10.1111/j.1747-1567.2012.00850.x. (M23 - Impact factor: 0.545)	M23
22	M. Lekić, M. Rajović , (2015), Hill'S Equations and Liouville'S Formula, University Politehnica of Bucharest Scientific Bulletin-Series A-Applied Mathematics And Physics, (2015), Vol. 77 Br. 1, Str. 139-150. (M23-IF:0.405)	M23

Напомена: Аутори са Факултета за машинство и грађевинарство у Краљеву обележени су масним словима.

Број и списак SCI-индексираних радова за 2016. годину

Р.бр.	Радови на СЦИ/ССЦИ листи у научним часописима	М
1	V. Stojanović, N. Nedić: „Identification of time-varying OE models in presence of non-Gaussian noise: Application to pneumatic servo drives“, International Journal of Robust and Nonlinear Control, DOI: 10.1002/rnc.3544, (2016) ISSN: 1049-8923, IF(2014): 3,176	M21a
2	Šoškić, Z., Ćirić-Kostić S., Galovic, S.: An extension to the methodology for characterization of thermal properties of thin solid samples by photoacoustic techniques, International Journal of Thermal Sciences, 109 (2016), pp. 217-230., ISSN 1290-0729 DOI:10.1016/j.ijthermalsci.2016.06.005, IF(2014): 2,629	M21a
3	Brugo, T., Palazzetti, R., Ćirić-Kostić, S. , Yan, X.T., Minak, G., Zucchelli, A.: Fracture mechanics of laser sintered cracked polyamide for new a method to induce cracks by additive manufacturing, Polymer Testing 50 (2016), pp. 301-308, ISSN: 0142-9418, DOI: 10.1016/j.polymertesting.2016.01.024 IF(2015): 2,240	M21a
4	Radoslav Radulović, Aleksandar Obradović, Slaviša Šalinić , Zoran Mitrović: „The brachistochronic motion of a wheeled vehicle“, Nonlinear Dynamics (2016), DOI: 10.1007/s11071-016-3035-3, ISSN 0924-090X, IF (2015): 3,000	M21
5	V. Stojanović, N. Nedić, „Robust identification of OE model with constrained output using optimal input design“, Journal of the Franklin Institute: Engineering and Applied Mathematics 353(2): 576-593, ISSN: 0016-0032, DOI: 10.1016/j.jfranklin.2015.12.007, IF(2015): 2,327	M21
6	V. Stojanović, N. Nedić, D. Prsić, Lj. Dubonjić: Optimal experiment design for identification of ARX models with constrained output in non-Gaussian noise, Applied Mathematical Modelling 40(13-14): 6676-6689, (2016), ISSN: 0307-904X, DOI:10.1016/j.apm.2016.02.014, IF (2015): 2,291	M21
7	Croccolo, D., De Agostinis, M., Fini, S., Olmi, G., Vranić, A., Ćirić-Kostić, S.: „Influence of the build orientation on the fatigue strength of EOS maraging steel produced by additive metal machine“, Fatigue and Fracture of Engineering Materials and Structures 39 (5) (2016), pp. 637-647 ISSN: 8756-758X, DOI: 10.1111/ffe.12395 IF(2015): 1,838	M21
8	Radoslav Radulović, Slaviša Šalinić , Aleksandar Obradović, Srđan Rusov: „A new approach for the determination of the global minimum time for the Chaplygin sleigh brachistochrone problem“, Mathematics and Mechanics of Solids (2016), DOI: 10.1177/1081286516637234, ISSN 1081-2865, IF (2015): 1,836	M21
9	Radoslav Radulović, Aleksandar Obradović, Slaviša Šalinić: „Contribution to the determination of the global minimum time for the brachistochronic motion of a holonomic mechanical system“, Meccanica (2016), DOI: 10.1007/s11012-016-0425-z, ISSN 00256455, IF (2015): 1,828	M22
10	J. Tomić, N. Bogojević, M. Pljakić, and D. Šumarac-Pavlović: „Assessment of traffic noise levels in urban areas using different soft computing techniques“, The Journal of the Acoustical Society of America (2016), Vol.140, No.4, DOI: 10.1121/1.4964786, IF(2015):1.572	M22

11	V. Stojanović, N. Nedić, D. Prsić, Lj. Dubonjić, V.Djordjević: „Application of cuckoo search algorithm to constrained control problem of a parallel robot platform“, International Journal of Advanced Manufacturing Technology (2016), DOI: 10.1007/s00170-016-8627-z, ISSN: 0268-3768, IF (2015): 1,568	M22
12	Dragan Sekulić, Vlastimir Dedović, Srđan Rusov, Aleksandar Obradović, Slaviša Šalinić: „Definition and determination of the bus oscillatory comfort zones“, International Journal of Industrial Ergonomics (2016), Vol.53, 328-339, DOI: 10.1016/j.ergon.2016.04.003, ISSN 01698141, IF (2015): 1,000	M23
13	Slobodan Z. Todosijević, Zlatan N. Šoškić and Slobodanka P. Galović, "A combination of frequency photoacoustic and photoacoustic spectroscopy techniques for measurement of optical and thermal properties of macromolecular nanostructures", Optical and Quantum Electronics 48, no. 5: 1-7 (2016) ISSN:0306-8919 DOI: 10.1007/s11082-016-0571 IF(2014): 0,987	M23
14	Ljujić M., Đurić M., Čurčić S., Pavlović M., Nikolić N: „Reservoir sedimentation as a consequence of land use in the catchment“, Revista de chimie, Vol. 67. No. 4, pp. 779-784 (2016) ISSN 0034 - 7752 IF(2015): 0,956	M23
15	Popovic, M. N., Nesic, M.V., Čirić-Kostić, S. , Zivanov, M., Markushev, D.D., Rabasovic, M.D., Galovic, S.P: Helmholtz Resonances in Photoacoustic Experiment with Laser-Sintered Polyamide Including Thermal Memory of Samples, International Journal of Thermophysics, 37 Iss.12 (2016), Art.116, IF(2015): 0.946	M23
16	Suzana Knežević, Rade Karamarković, Vladan Karamarković, Nenad Stojić, "Radiant recuperator: modelling and design" Thermal Science (2016), doi:10.2298/TSCII60707232K, IF(2015) 0.939	M23
17	D. Prsić, N. Nedić, V. Stojanović: „A nature inspired optimal control of pneumatic driven parallel robot platform“, Proceedings of the Institution of Mechanical Engineers, Part C: Journal of Mechanical Engineering Science 0954406216662367 (2016), ISSN: 0954-4062, IF(2015): 0,730	M23
18	Petrović A, Lukic Lj, Ivanovic S, Pavlovic A, "Optimisation of tool path for wood machining on CNC machines", Proceedings of the Institution of Mechanical Engineers, Part C: Journal of Mechanical Engineering Science, (2016), doi: 10.1177/0954406216648715 ISSN: 0954-4062, IF(2015): 0,730	M23
19	Rade Vasiljević, Milomir Gašić, Mile Savković: „Parameters Influencing the Dynamic Behaviour of the Carrying Structure of a Type H Portal Cran“, Strojniški vestnik - Journal of Mechanical Engineering (2016), Vol. 62, 591-602, DOI: 10.1016/j.tws.2014.09.009, ISSN 0263-8231, IF(2015): 0,677	M23
20	S. Baloš, D. Rajnović, M. Dramićanin, D. Labus, O. Erić Cekić, J. Grbović-Novaković, L. Šidjanin: „Abrasive wear behaviour of ADI material with various retained austenite content“, International Journal of Cast Metals Research, 29/4, 187-193 (2016), (ISSN 1364-0461) IF(2015): 0.500	M23
21	S. Prodanović, N. Nedić, V. Filipović, Lj. Dubonjić: „Modified approach to distillation column control“, Hemijska industrija, DOI:10.2298/HEMIND160326028P (2016), ISSN: 0367-598X, IF(2015) 0,437	M23

22	Slaviša Šalinić, Aleksandar Vranić, Nikola D. Nešić, Aleksandar M. Tomović: „On the Torque Transmission by a Cardan-Hooke Joint“, FME TRANSACTIONS, Vol. 45, pp.117-121 Nov. 2016	M24
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Напомена: Аутори са Факултета за машинство и грађевинарство у Краљеву обележени су масним словима.

Број и списак SCI-индексираних радова за 2017. годину

Р.бр.	Радови на СЦИ/ССЦИ листи у научним часописима	М
1	Vojislav Filipović , (2017), Outlier robust stochastic approximation algorithm for identification of MIMO Hammerstein models, <i>Nonlinear Dynamics</i> , 2017, Volume 90, Issue 2, pp. 1427-1441, doi: 10.1007/s11071-017-3736-2, ISSN: 0924-090X, IF (2016): 3.464 - M21a	M21
2	Vojislav Filipović , (2017), A global convergent outlier robust adaptive predictor for MIMO Hammerstein models, <i>Robust and Nonlinear Control</i> , Volume 27, Issue 16, pp. 3350-3371, doi: 10.1002/rnc.3705, ISSN: 1049-8923 IF (2016): 3.393 - M21a	M21
3	Slaviša Šalinić : „An improved variant of Hencky bar-chain model for buckling and bending vibration of beams with end masses and springs“, <i>Mechanical Systems and Signal Processing</i> (2017), Vol. 90, 30-43, DOI: 10.1016/j.ymsp.2016.12.007, ISSN 0888-3270, IF (2016): 4,116 - M21	M21
4	Bojan Jeremić, Radoslav Radulović, Aleksandar Obradović, Slaviša Šalinić , Milan Dražić: „Brachistochronic motion of a nonholonomic variable-mass mechanical system in general force fields“, <i>Mathematics and Mechanics of Solids</i> (2017), DOI: 10.1177/1081286517738307, ISSN 1081-2865, IF (2016): 2,953 - M21	M21
5	Croccolo, D., De Agostinis, M., Fini, S., Olmi, G., Bogojevic, N., Ćirić-Kostić, S. : „Effects of build orientation and thickness of allowance on the fatigue behaviour of 15–5 PH stainless steel manufactured by DMLS“, <i>Fatigue and Fracture of Engineering Materials and Structures</i> , 2017;1–17, DOI: 10.1111/ffe.12737, ISSN: 8756-758X , IF(2016): 2.335 - M21	M21
6	Aleksandar Nikolić, Slaviša Šalinić : „Buckling analysis of non-prismatic columns: A rigid multibody approach“, <i>Engineering Structures</i> (2017), Vol. 143, 511-521, DOI: 10.1016/j.engstruct.2017.04.033, ISSN: 01410296, IF (2016): 2,258 - M21	M21
7	Mile M. Savković, Radovan R. Bulatović, Milomir M. Gašić , Goran V. Pavlović, Aleksandar Z. Stepanović: Optimization of the box section of the main girder of the single-girder bridge crane by applying biologically inspired algorithms, <i>Engineering Structures</i> (2017), Vol. 148, 452-465, DOI: http://dx.doi.org/10.1016/j.engstruct.2017.07.004 , ISSN 0263-8231, IF (2016): 2.258 –M21	M21
8	I.M. Buzurović, Slaviša Šalinić , P.F. Orio, P.L. Nguyen, R.A. Cormack: „A novel approach to an automated needle insertion in brachytherapy procedures“, <i>Medical and Biological Engineering and Computing</i> (2017), DOI: 10.1007/s11517-017-1686-y, ISSN 01400118, IF (2016): 1,916 - M21	M21
9	Milan B. Bižić, Dragan Z. Petrović , Miloš C. Tomić, Zoran V. Džinović: „Development of method for experimental determination of wheel–rail contact forces and contact point position by using instrumented wheelset“, <i>Measurement Science and Technology</i> , Volume 28, (2017), Number 7, 25 pp, ISSN 0957-0233, doi:10.1088/1361-6501/aa666f, IF (2016): 1,585 – M22	M22
10	Milena Premović, Milica Tomović, Duško Minić, Dragan Manasijević, Dragana Živković, Vladan Ćosović, Vladan Grković ,	M23

	Aleksandar Đorđević: „Determination of 200°C isothermal section of Al-Ag-Ga phase diagram by microanalysis, X-ray diffraction, and hardness and electrical conductivity measurements“, Journal of Materials Engineering and Performance (2017), Vol. 26, Issue 6, 2491-2501, DOI: 10.1007/s11665-017-2689-4, ISSN 1059-9495, IF (2016): 1.331 - M23	
11	Knežević Suzana, Karamarković Rade , Karamarković Vladan , Stojić Nenad . Radiant recuperator: modelling and design, Thermal Science 2017, volume 21, issue 2, pp. 1119 – 1134, DOI: 10.2298/TSCI160707232K, ISSN: 0354-9836 IF(2016):1.093 (M23)	M23
12	Todosijević S , Šoškić Z , Stojanović, Z, Galović, S.: „Analysis of the Measurement System and Optimization of the Measurement Procedure for Detection of Thermal Memory Effects by Photoacoustic Experiments“, International Journal of Thermophysics (2017) Vol. 38, no 5, p. 72, doi: 10.1007/s10765-017-2215-9, ISSN: 0195-928X IF(2015):0.946 – M23	M23
13	Z. R. Glavčić, S. M. Bikić, R. R. Bulatović : „Optimization of Swirling Flow Energy Parameters on the Velocity Profile after Local Obstacle by Firefly Algorithm“, Journal of Applied Fluid Mechanics, 10 (2) (2017) pp. 479-489 ISSN: 1735-3572, IF(2015): 0.888- M23	M23
14	Goran Mihajlović, Milomir Gašić , Mile Savković .: Research on parameters influencing performance of vibrating platforms during transporting the dry earth mass, Technical Gazette (2017), Vol. 24, No 1, 127-135, DOI: 10.17559/TV-20150402111852, ISSN 1330-3651 (Print), ISSN 1848-6339 (Online), IF(2016): 0,723 - M23	M23
15	Lazarević Anđela, Karamarković Vladan , Lazarević Dragoljub, Karamarković Rade , Potentials and opportunities to reduce energy-related greenhouse gas emissions in Serbia, Energy sources Part A - Recovery utilization and environmental effects, (2017), vol. 39 br. 7, pp. 712-719, DOI: 10.1080/15567036.2016.1256920, ISSN: 1556-7036, IF(2016):0,539 - M23	M23
16	G. Mihajlović, M. Gašić , M. Savković , S. Mitrović, B. Tadić: Vibroplatform Modeling with Allowance for Tribological Aspects, Journal of Friction and Wear (2017), Vol. 38, No 3, 184-189, DOI: 10.3103/S1068366617030102, ISSN 1068-3666, IF(2016): 0,514 - M23	M23
17	Milena Premović, Duško Minić, Milan Kolarević , Dragan Manasijević, Dragana Živković, Aleksandar Đorđević, Dušan Milisavljević: „Electrical properties of ternary Bi-Ge-Sb and Al-Cu-Sb alloys“, Revista de Metalurgia (2017), Vol. 53, Issue 3, DOI: 10.3989/revmetalm.098, ISSN-L 0034-8570, IF(2016): 0.345 - M23	M23
18	Novak Nedić , Dragan Pršić , Cristiano Fragassa, Vladimir Stojanović , Ana Pavlović, (2017), Simulation of hydraulic check valve for forestry equipment, International Journal of Heavy Vehicle Systems, Vol. 24, No. 3, 2017, pp.260-276, ISSN: 1744-232X, IF(2016): 0.308 - M23	M23
19	Novak Nedić , Saša Prodanović, Ljubiša Dubonjić , (2017), Decoupling control of TITO system supported by dominant pole placement method, Facta Universitatis, Series: Mechanical Engineering, Vol. 15 (2), pp. 245-256, ISSN: 0354-2025 - M24	M23

Напомена: Аутори са Факултета за машинство и грађевинарство у Краљеву обележени су масним словима.

Табеларни прегед броја SCI-индексираних радова по годинама за претходни трогодишњи период

<i>Година</i>	<i>Број SCI-индексираних радова</i>
2015.	22
2016.	22
2017.	19
УКУПНО	63

Графички приказ промене броја SCI-индексираних радова по годинама за претходни петогодишњи период

