

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

Број и списак SCI-индексираних радова за **2013.** годину

Р.бр.	Радови на СЦИ/ССЦИ листи у научним часописима	М
1	Karamarković Vladan, Marašević Miljan, Karamarković Rade, Karamarković Miodrag: Recuperator for waste heat recovery from rotary kilns, <i>Applied Thermal Engineering</i> , Vol. 54, No. 2, 470-480,(2013) (M21-IF 2,127).	M21
2	Dojčinović Marina, Erić Olivera, Rainović Dragan, Šidjanin Leposava, Baloš Sebastian: Effect of austempering temperature on cavitation behavior of unalloyed ADI material, <i>Materials Characterization</i> , Vol. 82, 66-72, (2013) (M21-IF 1,880).	M21
3	Xianjiu Huang, Chuanxi Zhu, Xi Wen, Ljubica Lalović, Some common fixed point theorems for a family of non-self mappings in cone metric spaces, <i>Fixed Point Theory and Applications</i> (2013), 2013:144 (M21-IF 1.866)	M21
4	Sekulić Dragan, Dedović Vlastimir, Rusov Srdjan, Šalinić Slaviša, Obradović Aleksandar: Analysis of vibration effects on the comfort of intercity bus users by oscillatory model with ten degrees of freedom, <i>Applied Mathematical Modelling</i> , Vol. 37, No (18-19), 8629-8644, (2013) (M21-IF 1,706).	M21
5	Dubonjić Ljubiša, Nedić Novak, Filipović Vojislav, Pršić Dragan: Design of PI Controllers for Hydraulic Control Systems <i>Mathematical Problems in Engineering</i> , Vol.2013, Article ID 451312, doi:10.1155/2013/451312, (2013) (M21-IF 1,383).	M21
6	Radovan Bulatović, Stevan Đorđević, Vladimir Đorđević: Cuckoo Search algorithm: A metaheuristic approach to solving the problem of optimum synthesis of a six-bar double dwell linkage, <i>Mechanism and Machine theory</i> , 61 1-13, (2013), (M21- IF 1,366).	M21
7	Šalinić Slaviša, Obradović Aleksandar, Mitrović Zoran, Rusov Srdjan: On the brachistochronic motion of the Chaplygin sleigh, <i>Acta Mechanica</i> , Vol. 224, No 9, 2127-2141, (2013) (M22-IF 1,247).	M22
8	Marković Goran, Gašić Milomir, Kolarević Milan, Savković Mile, Marinković Zoran: Application of the MODIPROM method to the final solution of logistics centre location, <i>Transport</i> 28(4). DOI:10.3846/16484142.2013.8643282013 (2013) pp 341-351, (M22-IF 1,081).	M22
9	Ljubomir Lukić, Mirko Djapić, Desanka Polajnar, Novak Nedić, Modeling the Know-how in Metal-Cutting Technologies for Multi-Agent CAPP in Intelligent Manufacturing Systems, <i>Metalurgia International</i> , 18(2) (2013) , (In press), (M23- IF 0,084).	M23
10	Stojanović Vladimir, Filipović Vojislav (2013): Adaptive input design for identification of output error model with constrained output. <i>Circuits Systems and Signal Processing</i> , doi:10.1007/s00034-013-9633-0, (2013) (M23-IF 0,982).	M23
11	Minić Duško, Premović Milena, Kolarević Milan, Čosović Vladan, Manasijević Dragan, Živković Dragana: Description of the liquidus surface and characterization of alloys of the ternary Bi–Cu–In system, <i>Journal of Materials Engineering and Performance</i> , Vol. 22, 2343-2350, (2013) (M23-IF 0,915).	M23

12	Đapić Mirko, Lukić Ljubomir: Application of the Dempster-Shafer Theory in Conceptual Design of the Machining Centres, TEHNICKI VJESNIK-TECHNICAL GAZETTE, (2013), Vol. 20, No. 1, 65-71, (2013) (M23-IF 0,601).	M23
13	Đapić Mirko, Lukic Ljubomir, Popovic Predrag: Technical Product Risk Assessment Integration Into the Enterprise Risk Management, TEHNIČKI VJESNIK-TECHNICAL GAZETTE, Vol. 20, No. 4, 721-730, (2013) (M23-IF 0,601).	M23
14	Praščević Momir, Cvetković Dragan, Mihajlov Darko, Petrović Zoran, Radičević Branko: Verification of NAISS Model for Road Traffic Noise Prediction in Urban Areas, Elektronika ir elektrotehnika, Vol. 19, No. 6, 91-94, (2013) (M23-IF 0,411).	M23
15	Dervišević Irma, Minić Duško, Kolarević Milan , Kamberović Željko, Ristić Mirjana: Study on Properties of Alloys with Gallium, Antimony and Zinc from Recycling, Ecological Chemistry and Engineering S., Vol. 20, No. 3, 579-599, (2013) (M23-IF 0,382).	M23
16	Lukic Ljubomir, Đapić Mirko: The Study of Surface Roughness in Deep-Hole Drilling Processes, JOURNAL OF THE BALKAN TRIBOLOGICAL ASSOCIATION, Vol. 19 No. 2, 221-229, (2013) (M23-IF 0,318).	M23
17	Šalinić Slaviša, Nikolić Aleksandar: On the determination of natural frequencies of a cantilever beam in free bending vibration: a rigid multibody approach, <i>Forschung im Ingenieurwesen</i> , Vol. 77, No. 3-4, 95-104, (2013) (M23-IF 0,243).	M23

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

Број и списак SCI-индексираних радова за 2014. годину

Р.бр.	Радови на СЦИ/ССЦИ листи у научним часописима	М
1	Nebojša Bogojević and Vojkan Lučanin “The proposal of validation metrics for the assessment of the quality of simulations of the dynamic behaviour of railway vehicles” <i>Proceedings of the Institution of Mechanical Engineers, Part F: Journal of Rail and Rapid Transit</i> October 15, 2014 0954409714552700, first published on October 15, 2014 as doi:10.1177/0954409714552700 (M23 IF-0.743)	M23
2	Slobodanka Galović, Zlatan Šoškić , Marica Popović, Dalibor Čevizović and Zoran Stojanović, „Theory of photoacoustic effect in media with thermal memory“, <i>Journal of Applied Physics</i> , 116, 024901-024912 (2014) doi: 10.1063/1.4885458 (Impact factor: 2.210)	M21
3	Slaviša Šalinić, Goran Bošković, Marko Nikolić : Dynamic modelling of hydraulic excavator motion using Kane's equations, <i>Automation in Construction</i> , 44, 56–62, (2014). (Impact factor: 1.822)	M21
4	Novak Nedić, Dragan Pršić, Ljubiša Dubonjić, Vladimir Stojanović, Vladimir Djordjević , (2014), “Optimal cascade hydraulic control for a parallel robot platform by PSO”, <i>The International Journal of Advanced Manufacturing Technology</i> , Volume 72, Issue 5-8, pp.1085-1098, ISSN: 0268-3768 (M21 IF-1.779)	M21
5	Vlada Gašić, Slaviša Šalinić , Aleksandar Obradović, Milorad Milovančević: Application of the lumped mass technique in dynamic analysis of a flexible L-shaped structure under moving loads, <i>Engineering Structures</i> , 76, 383–392, (2014). (Impact factor: 1.767)	M21
6	Olivera Eric Cekić , Lepasava Sidjanin, Dragan Rajnovic, Sebastian Balos, Austempering Kinetics of Cu-Ni Alloyed Austempered Ductile Iron, <i>Met. Mater. Int.</i> , Vol. 20, No. 6 pp. 1131-1138. (2014) (Impact factor: 1.434)	M21
7	Mile Savković, Milomir Gašić , Goran Pavlović, Radovan Bulatović, Nebojša Zdravković : Stress analysis in contact zone between the segments of telescopic booms of hydraulic truck cranes, <i>Thin-Walled Structures</i> , Vol. 85, 332-340, (2014) (M21-IF 1,432).	M21
8	Radovan Bulatović, Goran Bošković, Mile Savković, Milomir Gašić : Improved Cuckoo Search (ICS) algorithm for constrained optimization problems, <i>Latin American Journal of Solids and Structures</i> , Vol. 11, 1349-1362, (2014) (M21-IF 1,240).	M21
9	Aleksandar Obradović, Slaviša Šalinić , Olivera Jeremić, Zoran Mitrović, On the brachistochronic motion of a variable mass mechanical system in general force fields, <i>Matematics and Mechanics of Solids</i> , (Article in Press), (2014) (M22- IF 1,012).	M22
10	Čatić Dobrivoje, Gašić Milomir, Savković Mile , Glišović J.: Fault tree analysis of hydraulic power-steering system, <i>International Journal fo Vehicle Design</i> , Article in Press, (2014) (M23- 0,358).	M23

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

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. Nedic (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:	M21

	10.1016/j.sigpro.2015.04.016 (M21-IF:2.360)	
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.

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

<i>Година</i>	<i>Број SCI-индексираних радова</i>
2013.	17
2014.	10
2015.	22
УКУПНО	49

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



