

2016 CIIRC journal papers - data from V3S

List

Authors	Title	Other data	WoS Code	WoS Quartile by journal IF	WoS Decile by journal IF
Bukata, L.; Šůcha, P.; Hanzálek, Z.; Burget, P.	Energy Optimization of Robotic Cells	IEEE Transactions on Industrial Informatics. 2016, ISSN 1551-3203.	—	1	1
Dvořák, J.; Hanzálek, Z.	Using Two Independent Channels with Gateway for FlexRay Static Segment Scheduling	Industrial Informatics, IEEE Transactions on. 2016, 12(5), 1887-1895. ISSN 1551-3203.	389219800025	1	
Hengster-Movric, K.; Šebek, M.; Čelikovský, S.	Structured Lyapunov functions for synchronization of identical affine-in-control agents—Unified approach	Journal of the Franklin Institute. 2016, 353(14), 3457-3486. ISSN 0016-0032.	381840500008	1	
Kučera, V.	Stable Model Matching by Non-Regular Static State Feedback	IEEE Transactions on Automatic Control. 2016, 61(12), 4138-4142. ISSN 0018-9286.	389891100041	1	1
Langari, B.; Vaseghi, S.; Procházka, A.; Vaziri, B.; Tahmasebi Aria, F.	Edge-Guided Image Gap Interpolation Using Multi-scale Transformation	IEEE Transactions on Image Processing. 2016, 25(9), 4394-4405. ISSN 1057-7149.	381436200008	1	1
Macaš, M.; Moretti, F.; Fonti, A.; Giantomassi, A.; Comodi, G.; Annunziato, M.; Pizzuti, S.; Capra, A.	The role of data sample size and dimensionality in neural network based forecasting of building heating related variables	Energy and Buildings. 2016, 111(1), 299-310. ISSN 0378-7788.	369191100028	1	1
Pilbauer, D.; Vyhřídál, T.; Olgac, N.	Delayed Resonator With Distributed Delay in Acceleration Feedback—Design and Experimental Verification	IEEE-ASME Transactions on Mechatronics. 2016, 21(4), 2120-2131. ISSN 1083-4435.	—	1	1
Procházka, A.; Schätz, M.; Vyšata, O.; Vališ, M.	Microsoft Kinect Visual and Depth Sensors for Breathing and Heart Rate Analysis	Sensors. 2016, 16(7), ISSN 1424-8220.	380967000054	1	
Sara, J.D.; Surgue, A.; Křemen, V.; Qiang, B.; Sapir, Y.; Attia, Z.I.; Ackerman, M.J.; Friedman, P.A. et al.	Electrocardiographic predictors of coronary microvascular dysfunction in patients with non-obstructive coronary artery disease: Utility of a novel T wave analysis program	International Journal of Cardiology. 2016, 203 601-606. ISSN 0167-5273.	367007200157	1	
Surgue, A.; Noseworthy, P.A.; Křemen, V.; Bos, J.M.; Qiang, B.; Rohatgi, R.K.; Sapir, Y.; Attia, Z.I. et al.	Identification of Concealed and Manifest Long QT Syndrome Using a Novel T Wave Analysis Program	Circulation: Arrhythmia and Electrophysiology. 2016, 9(7), ISSN 1941-3149.	380610500006	1	
Zarybnicka, M.; Kubiznak, P.; Sindelar, J.; Hlaváč, V.	Smart nest box: a tool and methodology for monitoring of cavity-dwelling animals	Methods in Ecology and Evolution. 2016, 7(4), 483-492. ISSN 2041-210X.	373950700011	1	1
Doumanoglou, A.; Stria, J.; Peleka, G.; Mariolis, I.; Petrik, V.; Karkagos, A.; Wagner, L.; Hlaváč, V. et al.	Folding Clothes Autonomously: A Complete Pipeline	IEEE Transactions on Robotics. 2016, 32(6), 1461-1478. ISSN 1552-3098.	389849700011	2	
Kubelka, V.; Reinštein, M.; Svoboda, T.	Improving multimodal data fusion for mobile robots by trajectory smoothing	Robotics and Autonomous Systems. 2016, 84 88-96. ISSN 0921-8890.	383526400007	2	
Pereira, C.B., Heimann, K., Czaplík, M., Blažek, V., Venema, B., Leonhardt, S.:	Thermoregulation in premature infants: A mathematical model.	Journal of Thermal Biology. 2016. 62(12), 159–169	—		
Tožička, J.; Jakubův, J.; Komenda, A.; Pěchouček, M.	Privacy-Concerned Multiagent Planning	Knowledge and Information Systems. 2016, 48(3), 581-618. ISSN 0219-1377.	—	2	
Václavík, R.; Šůcha, P.; Hanzálek, Z.	Roster evaluation based on classifiers for the nurse rostering problem	Journal of Heuristics. 2016, 22(5), 667-697. ISSN 1381-1231.	386163700002	2	
Blaník, N., Heimann, K., Pereira, C.B., Paul, M., Blažek, V., Venema, B., Orlikowsky, T., Leonhardt, S.	Remote vital parameter monitoring in neonatology – robust, unobtrusive heart rate detection in a realistic clinical scenario.	Biomedical Engineering / Biomedizinische Technik. 2016. 61(6):631-643	—		
Bresler, M.; Průša, D.; Hlaváč, V.	Online recognition of sketched arrow-connected diagrams	International Journal on Document Analysis and Recognition. 2016, 19(3), 253-267. ISSN 1433-2833.	382088800005	3	
Fabián, V.; Havlík, J.; Dvořák, J.; Křemen, V.; Sajgalik, P.; Bellamy, V.; Schirger, J. A.; Sovka, P. et al.	Differences in mean arterial pressure of young and elderly people measured by oscillometry during inflation and deflation of the arm cuff	Biomedizinische Technik / Biomedical Engineering. 2016, 61(6), 611-621. ISSN 0013-5585.	389468000006	3	
Hanzálek, Z.; Tunys, T.; Šůcha, P.	An Analysis of the Non-preemptive Mixed-criticality Match-up Scheduling Problem	Journal of Scheduling. 2016, 19(5), 601-607. ISSN 1094-6136.	383661100006	3	
Chudoba, J.; Saska, M.; Kulich, M.; Báča, T.; Přeučil, L.	Exploration and Mapping Technique Suited for Visual-features Based Localization of MAVs	Journal of Intelligent and Robotic Systems. 2016, 84(1), 351-368. ISSN 0921-0296.	—	3	
Procházka, A.; Schätz, M.; Centonze, F.; Kuchyňka, J.; Vyšata, O.; Vališ, M.	Extraction of breathing features using MS Kinect for sleep stage detection	Signal, Image and Video Processing. 2016, 10(7), 1279-1286. ISSN 1863-1703.	382363300013	3	
Charvátová, H.; Procházka, A.; Vaseghi, S.; Vyšata, O.; Vališ, M.	GPS-based analysis of physical activities using positioning and heart rate cycling data	Signal, Image and Video Processing. 2016, 10(5), ISSN 1863-1703.	—	0	
Jíša, P.; Valentin, J.; Benešová, L.; Černý, R.; Plitz, J.	Vliv přísadku rejuvenátorů na vlastnosti zestárnutého asfaltového pojiva	Silniční obzor. 2016, 77(7), 200-203. ISSN 0322-7154.	—	0	
Lhotská, L.; Pharow, Peter; Cheshire, Paul; Burša, M.; Huptych, M.	Gaming Technology as a Tool for Active Engagement of Users in Self-Management of Health State	International Journal on Biomedicine and Healthcare. 2016, 4(1), 36-39. ISSN 1805-8698.	—	0	
Otáhal, M.; Štěpánková, O.	New Tool for Visualization of Time Series and Anomalies in Streaming Data	Acta Universitatis Agriculturae et Silviculturae Mendelianae Brunensis. 2016, 2016(4), 1353-1364. ISSN 1211-8516.	—	0	
Valentová, T.; Altman, J.; Valentin, J.	Impact of Asphalt Ageing on the Activity of Adhesion Promoters and the Moisture Susceptibility	Transportation Research Procedia. 2016,(14), 768-777. ISSN 2352-1465.	—	0	

Summary

Quartile Q	Number
1	11
2	4
3	5
4	0
0	5
	25

Decile D	Number
1	6

Comments:
- missing WoS code and zero quartile means that the journal is NOT registered is WoS
- missing WoS code and NONzero quartile means that the journal IS registered is WoS, but, as of today, the particular paper is NOT
- double-check is necessary