Karim Djouani

List of Publications by Year
in descending order

18 papers	591 citations	1163117 8 h-index	1058476 14 g-index
19 all docs	19 docs citations	19 times ranked	866 citing authors

#	Article	IF	Citations
1	Visible Light Communications for Internet of Things: Prospects and Approaches, Challenges, Solutions and Future Directions. Technologies, 2022, 10, 28.	5.1	33
2	IoT in the Wake of COVID-19: A Survey on Contributions, Challenges and Evolution. IEEE Access, 2020, 8, 186821-186839.	4.2	126
3	Interaction Control for Human-Exoskeletons. Journal of Control Science and Engineering, 2020, 2020, 1-15.	1.0	8
4	A Lasso quantile periodogram based feature extraction for EEG-based motor imagery. Journal of Neuroscience Methods, 2019, 328, 108434.	2.5	23
5	A Survey of Resource Management Toward 5G Radio Access Networks. IEEE Communications Surveys and Tutorials, 2016, 18, 1656-1686.	39.4	202
6	Rhythmic Trajectory Design and Control for Rehabilitative Walking in Patients with Lower Limb Disorder. International Journal of Humanoid Robotics, 2016, 13, 1650006.	1.1	7
7	Online SSVEP-based BCI using Riemannian geometry. Neurocomputing, 2016, 191, 55-68.	5.9	77
8	Designing reconfigurable manufacturing systems using reconfigurable object Petri nets. International Journal of Computer Integrated Manufacturing, 2016, 29, 889-906.	4.6	23
9	Multiple Model Predictive Control Based on Fuzzy Switching Scheme of a Coagulation Chemical Dosing Unit for Water Treatment Plantsâ—â—This work was supported by Tshwane University of Technology, Pretoria, South Africa.. IFAC-PapersOnLine, 2015, 48, 180-185.	0.9	1
10	Coagulation process control in water treatment plants using multiple model predictive control. AEJ - Alexandria Engineering Journal, 2014, 53, 939-948.	6.4	25
11	Low Complexity Decoding of the 4Ã—4 Perfect Space-time Block Code. Procedia Computer Science, 2014, 32, 223-228.	2.0	5
12	Analysis of Knee-Ankle Orthosis Modelling: An Inverse Dynamics Approach Using Adaptive Coupled Oscillator. Lecture Notes in Computer Science, 2014, , 122-133.	1.3	3
13	Dynamic modelling and system identification of coagulant dosage system for water treatment plants. , 2013, , .		5
14	SSVEP enhancement based on Canonical Correlation Analysis to improve BCI performances. , 2013, , .		19
15	A robust interval Type-2 TSK Fuzzy Logic System design based on Chebyshev fitting. International Journal of Control, Automation and Systems, 2012, 10, 727-736.	2.7	13
16	On an interval type-2 TSK FLS A1-C1 consequent parameters tuning. , 2011, , .		7
17	A Type-2 Fuzzy Logic Decision System for Call Admission Control in Next Generation Mobile Networks. , 2010, , .		4
18	A new design of Fuzzy Logic Controller based on generalized orthogonality principle. , 2009, , .		4