

C 1.1. Articles indexed in Web of Science - 2019

No.	Authors	Title	Journal	ISSN	Volume (issue)	Pages	DOI
1	Lupascu C.A., Nechita S.C., Pastravanu O.	Dual switched positive systems – A less conservative condition for diagonal quadratic stability	International Journal of Systems Science	0020-7721	50 (13)	2529-2538	10.1080/00207721.2019.1671533
2	Burlacu A., Kloetzer M., Mahulea C.	Numerical Evaluation of Sample Gathering Solutions for Mobile Robots	Applied Sciences	2076-3417	9 (4)	791-809	10.3390/app9040791
3	Nechifor C.D., Postolache M., Albu R.M., Barzic A.I., Dorohoi D.O.	Induced birefringence of rubbed and stretched polyvinyl alcohol foils as alignment layers for nematic molecules	Polymers For Advanced Technologies	1042-7147	30 (8)	2143-2152	10.1002/pat.4647
4	Ionescu C.M., C.F. Căruntu, R. Cajo, M. Ghiță, G. Crevecoeur, and C. Copoț	Multi-Objective Predictive Control Optimization with Varying Term Objectives: A Wind Farm Case Study	Processes	2227-9717	778 (7)	15	10.3390/pr7110778
5	Vargas A.N., C.F. Căruntu, and J.Y. Ishihara	Stability of switching linear systems with switching signals driven by stochastic processes	Journal of the Franklin Institute	0016-0032	235	11	10.1016/j.jfranklin.2018.09.029
6	Pascal C., Panescu D.	On rescheduling in holonic manufacturing systems	Computers in Industry	0166-3615	104	13	10.1016/j.compind.2018.09.010
7	Cascaval Petru, Cascaval Doina	March test algorithm for unlinked static reduced three-cell coupling faults in random-access memories	Microelectronics Journal, Elsevier	0026-2692	Vol. 93 (November)	Articol 104619	10.1016/j.mejo.2019.10.04619
8	Florin Leon, Costin Badica	Expressing Multiagent Coalition Structure Problems for Optimisation by Quantum Annealing	Enterprise Information Systems	1751-7575	13 (7-8)	959-978	10.1080/17517575.2018.1552993
9	Moldoveanu Alin, Ferche Oana-Maria, Moldoveanu Florica, Lupu Robert Gabriel, Cintează Delia, Irimia Danut Constantin, Toader Corneliu	The TRAVEE System for a Multimodal Neuromotor Rehabilitation	IEEE Access	2169-3536	7	20	10.1109/ACCESS.2018.2886271
10	Hulea Mircea, Burlacu Adrian, Caruntu Constantin Florin	Intelligent Motion Planning and Control for Robotic Joints Using Bio-Inspired Spiking Neural Networks	International Journal of Humanoid Robotics	0219-8436	16 (4)	articol 1950012	10.1142/S0219843619500129
11	Vigneselvan S., Manikandan V., Petrilă I., Vanitha A., Chandrasekaran J.	Effect of Tin Element on the Structural, Optical and Humidity Sensing Properties of Cerium Oxide Nanoparticles	Journal of Electronic Materials	0361-5235	48 (11)	7495-7506	10.1007/s11664-019-07563-2
12	Solonaru A.M., Grigoras M., Petrilă I., Tudorache F.	Self-doped N-propanosulfonic acid polyaniline-polyethylene terephthalate film used as active sensor element for humidity or gas detection	Journal of Applied Polymer Science	0021-8995	136 (27)	47743-47750	10.1002/app.47743
13	Manikandan V., Tudorache F., Petrilă I., Mane R.S., Kuncser V., Vasile B., Morgan D., Vigneselvan S., Mirzaei A.	Fabrication and characterization of Ru-doped LiCuFe2O4 nanoparticles and their capacitive and resistive humidity sensor applications	Journal of Magnetism and Magnetic Materials	0304-8853	vol. 474	563-569	10.1016/j.jmmm.2018.11.072
14	Caraiman S., Zvoristeanu O., Burlacu A., Herghelegiu P.	Stereo Vision Based Sensory Substitution for the Visually Impaired	Sensors	1424-8220	19(12), 2771		10.3390/s19122771
15	Shiquan Zhao, Anca Maxim, Sheng Liu, Robin De Keyser, Clara M. Ionescu	Distributed Model Predictive Control of Steam/Water Loop in Large Scale Ships	Processes	2227-9717	7 (7)	1-21	10.3390/pr7070442
16	Sabina-Adriana Floria, Florin Leon, Doina Logofatu	A Model of Information Diffusion in Dynamic Social Networks Based on Evidence Theory	Journal of Intelligent & Fuzzy Systems	1064-1246	37 (6)	7369-7381	10.3233/jifs-179346
17	Anca Maxim, Riccardo Ferracuti, Clara M. Ionescu	A Theoretical Framework to Determine RHP Zero Dynamics in Sequential Interacting Sub-Systems	Algorithms	1999-4893	5 (12)	2-10	10.3390/a12050102