

C 1.1. Articles indexed in Web of Science - 2016

No.	Authors	Title	Journal	Volume (issue)	Pages
1	Carpiuc Sabin C., Lazar Corneliu	Real-Time Multi-Rate Predictive Cascade Speed Control of Synchronous Machines in Automotive Electrical Traction Drives	IEEE Transactions on Industrial Electronics, ISSN: 0278-0046	63 (8)	5133 – 5142
2	Caruntu Constantin F., Balau Andreea E., Lazar Mircea, v.d. Bosch Paul P.J., Di Cairano Stefano	Driveline oscillations damping: A tractable predictive control solution based on a piecewise affine model	Nonlinear Analysis: Hybrid Systems, ISSN: 1751-570X	19	168-185
3	Durea Marius, Strugariu Claudiu Raducu	Metric Subregularity of Composition Set-Valued Mappings with Applications to Fixed Point Theory	Set-Valued and Variational Analysis, ISSN: 1877-0533	24 (2)	231–251
4	Pănescu Doru, Pascal Carlos	Holonic coordination obtained by joining the contract net protocol with constraint satisfaction	Computers in Industry, ISSN: 0166-3615	81	36-46
5	Pascariu Petronela, Airinei Anton, Olaru Niculae, Petrilă Iulian, Nica Valentin, Sacarescu Liviu, Tudorache Florin	Microstructure, electrical and humidity sensor properties of electrospun NiO–SnO ₂ nanofibers	Sensors and Actuators B, ISSN: 0925-4005	222	1024-1031
6	Pastravanu Octavian, Matcovschi Mihaela	(M, Beta)-stability of positive linear systems	Mathematical Problems in Engineering, ISSN: 1024-123X	vol. 2016, article ID 9605464	11 pg.
7	Pastravanu Octavian, Matcovschi Mihaela, Voicu Mihail	Row and column representatives in qualitative analysis of arbitrary switching positive systems	Romanian Journal of Information Science and Technology, ISSN: 1453-8245	19 (1-2)	127-136
8	Pastravanu Octavian, Matcovschi Mihaela, Voicu Mihail	Interval matrix systems and invariance of non-symmetrical contractive sets	Romanian Journal of Information Science and Technology, ISSN: 1453-8245	19 (1-2)	137-147
9	Petrilă Iulian, Popa Karin, Tudorache Florin	Microstructure, electrical and humidity sensing properties of light rare earths zirconates	Sensors and Actuators A, ISSN: 0924-4247	247	156-161
10	Tudorache Florin, Petrilă Iulian, Slatineanu Tamara, Dumitrescu Anca Mihaela, Iordan Alexandra Raluca, Dobromir Mircea, Palamaru Nicolae	Humidity sensor characteristics and electrical properties of Ni-Zn–Dy ferrite material prepared using different chelating-fuel agents	Journal of Materials Science - Materials in Electronics, ISSN: 0957-4522	27	272–278
11	Nedeff Florin, Lazăr Gabriel, Filipeanu Dumitru, Luca Florin Alexandru, Agop Maricel	Free Perturbations in Fractal Media	Journal of Computational and Theoretical Nanoscience, ISSN: 1546-1955	13 (11)	1-10

12	Condurache Daniel, Burlacu Adrian	Orthogonal dual tensor method for solving the $AX=XB$ sensor calibration problem	Mechanism and Machine Theory, ISSN: 0094-114X	104	382-404
13	Condurache Daniel, Burlacu Adrian	Onboard Exact Solution to the Full-Body Relative Orbital Motion Problem	Journal of Guidance Control and Dynamics, ISSN: 0731-5090	39 (12)	2638-2648
14	Durea Marius, Pantiruc Marian, Strugariu Claudiu Raducu	Minimal time function with respect to a set of directions: basic properties and applications	Optimization Methods and Software, ISSN: 1055-6788	31 (3)	535-561
15	Pirdashti Mohsen, Movagharnejad Kamyar, Mobalegholeslam Poorya, Curteanu Silvia, Leon Florin	Phase Equilibrium and Physical Properties of Aqueous Mixtures of Poly (vinyl pyrrolidone) with Trisodium Citrate, Obtained Experimentally and by Simulation	Journal of Molecular Liquids, ISSN: 0167-7322	223	903-920
16	Bunea Georgiana, Leon Florin, Atanasiu Gabriela Maria	Postdisaster Evacuation Scenarios Using Multiagent System	Journal of Computing in Civil Engineering, ISSN: 0887-3801	30 (6)	0501600 2-1 - 0501600 2-10
17	Petrescu Camelia, Vatavu Cristina, Zaharia Iustina	Power analysis of single-phase nonlinear loads in accordance with IEEE standards based on real time signal recordings	Revue Roumaine des Sciences Techniques, serie Electrotechnique et Energetique, ISSN: 0035-4066	61 (3)	227-232
18	Craus Mitiță, Bîrlescu Vlad-Sergiu, Agop Maricel	Fractal Aspects in Classical Parallel Computing	Computers; ISSN: 2073-431X, http://www.mdpi.com/2073-431X/5/3/19	5(3), 19	1-17