

C 1.1. Articles indexed in Web of Science - 2014

No.	Authors	Title	Journal	Volume (issue)	Pages
1	Narcisa Apreutesei, Vitaly Volpert	Properness and topological degree for nonlocal integro-differential systems	Topological Methods in Nonlinear Analysis, ISSN: 1230-3429	43 (1)	215-229
2	Narcisa Apreutesei, Gabriel Dimitriu, Radu Strugariu	An optimal control problem for a two-prey and one-predator model with diffusion	Computers & Mathematics with Applications, ISSN 0898-1221	67 (12)	2127-2143
3	Marius Durea, Van Ngai Huynh, Huu Tron Nguyen, Radu Strugariu	Metric regularity of composition set-valued mappings: Metric setting and coderivative conditions	Journal of Mathematical Analysis and Applications, ISSN: 0022-247X	412 (1)	41-62
4	Marius Durea, Radu Strugariu	Chain rules for linear openness in metric spaces and applications	Mathematical Programming, ISSN: 0025-5610	143 (1-2)	147-176
5	Marius Apetrii, Marius Durea, Radu Strugariu	A new penalization tool in scalar and vector optimizations	Nonlinear Analysis: Theory, Methods & Applications, ISSN: 0362-546X	107	22-33
8	Marius Durea, Radu Strugariu	Scalarization of constraints system in some vector optimization problems and applications	Optimization Letters, ISSN: 1862-4472	8 (7)	2021-2037
9	Radu Olaru, Robert Gherca, Camelia Petrescu	Analysis and design of a vibration energy harvester using permanent magnets	Revue Roum. Sci. Tech- EL, ISSN: 0035-4066	59 (2)	131-140
10	Luca Florin Alexandru, Ioan Corina Anamaria	Implementation of green marketing in the analysis of municipal waste produced in Romania, correlated with environmental policy management.	Environmental Engineering and Management Journal, ISSN: 1582-9596	13 (11)	2913-2924
11	Balaita Lacramioara, Chailan J.F., Nguyen X. H, Bacaita Elena Simona, Popa Marcel	Hybrid Chitosan-Gelatine magnetic polymer particles for drug release	Journal of Optoelectronics and advance materials, ISSN: 1454-4164	16 (11-12)	1463 - 1471
12	Bacaita Elena Simona, Ciobanu Bogdan Constantin, Popa Marcel, Agop Maricel, Desbrieres Jacques	Phases in the temporal multiscale evolution of the drug release mechanism in IPN-type chitosan based hydrogels	Physical Chemistry Chemical Physics, ISSN: 1463-9076	16	25896--25905
13	Octavian Pastravanu, Mihaela Matcovschi	Max-type copositive Lyapunov functions for switching positive linear systems	Automatica, ISSN: 0005-1098	50 (12)	3323-3327
14	Mihaela Matcovschi, Octavian Pastravanu	Novel estimations for the eigenvalue bounds of complex interval matrices	Applied Mathematics and Computation, ISSN: 0096-3003	234	645-666
15	Condurache Daniel, Burlacu Adrian	Dual tensors based solutions for rigid body motion parameterization	Mechanism and Machine Theory, ISSN: 0094-114X	74	390-412

16	Burlacu Adrian, Copot Cosmin, Lazar Corneliu	Predictive control architecture for real-time image moments based servoing of robot manipulators	J. of Intelligent Manufacturing, ISSN: 0956-5515	25 (5)	1125-1134
17	Constantin Caruntu, Corneliu Lazar	Network delay predictive compensation based on time-delay modelling as disturbance	International Journal of Control, 0020-7179	87 (10)	2012-2026
20	Florin Catalin Braescu, Lavinia Ferariu, Corneliu Lazar	Multi-domain CAN Gateway with Monitoring Capabilities	Journal of Control Engineering and Applied Informatics, ISSN 1454-8658	16	49-57
21	Kloetzer Marius, Mahulea Cristian	A Petri net based approach for multi-robot path planning	Discrete Event Dynamic Systems, ISSN: 0924-6703	24 (4)	417-445
22	Silvia Curteanu, Mirela Smarandoiu, Doina Horoba, Florin Leon	Naphthalene sublimation. Experiment and optimisation based on neuro-evolutionary methodology	Journal of Industrial and Engineering Chemistry, Elsevier, ISSN 1226-086X, doi: 10.1016/j.jiec.2013.08.007	20 (4)	1608-1611
23	Florin Leon	Design and evaluation of a multiagent interaction protocol generating behaviours with different levels of complexity	Neurocomputing, Elsevier, ISSN 0925-2312, doi: 10.1016/j.neucom.2014.04.058	146	173-186
24	Caraiman Simona, Manta Vasile	Histogram-based segmentation of quantum images	Theoretical Computer Science, ISSN: 0304-3975	529	46-60
25	Petrila Iulian, Manta Vasile	Metropolis Monte Carlo analysis of all-optical switching	COMPUTER PHYSICS COMMUNICATIONS, 0010-4655	185 (11)	2874-2878
26	Florin Tudorache, Iulian Petrila, Karin Popa, Ana Maria Catargiu	Electrical properties and humidity sensor characteristics of lead hydroxyapatite material	Applied Surface Science, ISSN: 0169-4332	303	175-179
27	Iulian Petrila, Florin Tudorache	Influence of partial substitution of Fe ³⁺ with W ³⁺ on the microstructure, humidity sensitivity, magnetic and electrical properties of barium hexaferrite	Superlattices and Microstructures, ISSN: 0749-6036	70	46-53
28	Florin Tudorache, Iulian Petrila	Effects of Partial Replacement of Iron with Tungsten on Microstructure, Electrical, Magnetic and Humidity Properties of Copper-Zinc Ferrite Material	Journal of Electronic Materials, ISSN: 0361-5235	43	3522-3526
29	Daniela Cailean, Walter Wukovits, Carmen Teodosiu, Florina Ungureanu, Anton Friedl	Integrated Sono-Fenton ultrafiltration process for 4-chlorophenol removal from aqueous effluents: assessment of operational parameters (Part 2)	Clean Technologies and Environmental Policy, 1618-954X (print version) ISSN: 1618-9558 (electronic version)	16 (6)	1161-1177
30	Mircea Hulea, Zabih Ghassemlooy, Sujan Rajbhandari, Xuan Tang	Compensating for Optical Beam Scattering and Wandering in FSO Communications	Journal of Lightwave Technology 0733-8724	32 (7)	1323 - 1328