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| 1 | Constantin Florin Caruntu | Observer-based predictive controller design with network-enhanced time-delay compensation | International Journal of General Systems, ISSN: 0308-1079 | 44 (2) | 182-197, 17 |
| 2 | Marius Kloetzer, Cristian Mahulea | LTL-based Planning in Environments with Probabilistic Observations | IEEE Transactions on Automation Science and Engineering, ISSN: 1545-5955 | 12 (4) | 1407 - 1420 |
| 3 | Carpiuc Sabin, Lazar Corneliu | Real-time constrained current control of permanent magnet synchronous machines for automotive applications | IET Control Theory and Applications, ISSN: 1751-8644 | 9 (2) | 248-257 |
| 4 | Panescu Doru Adrian, Pascal Carlos-Mihai | Holonic coordination obtained by joining the contract net protocol with constraint satisfaction | Computers in Industry, ISSN: 0166-3615 | online | 11 |
| 5 | Laura Ursu, Mihai Postolache, Magdalena Postolache, Dana Ortansa Dorohoi | The Stretching Effect on the Anisotropy of Poly (Vinyl) Alcohol (PVA) Foils | Materiale plastice, ISSN: 0025-5289 | 52 (1) | 4 |
| 6 | Octavian Pastravanu, and Mihaela H. Matcovschi | Sufficient conditions for Schur and Hurwitz diagonal stability of complex interval matrices | Linear Algebra and its Applications, ISSN: 0024-3795 | 467 | 149-173 |
| 7 | Marius Apetrii, Mihaela H. Matcovschi, Octavian Pastravanu, Eduard Rotenstein | Invariance for stochastic differential systems with time-dependent constraining sets | Acta Mathematica Sinica, English Series, ISSN: 1439-8516 | 31 (7) | 1171-1188 |
| 8 | Busuioc Irina Raluca, Luca Florin Alexandru | Bank Capital, Risk and Performance in European Banking: a Case Study on seven Banking Sectors | Prague Economic Papers, ISSN: 1210-0455 | online first | 1-16 |
| 9 | Noor Norazian, Yahaya Ahmad, Ramli Nor, Luca Florin, Mustafa Mohd, Sandu Andrei | Variation of Air Pollutant in Peninsular Malaysia | Revista Romana de Chimie, ISSN: 0034-7752 | 66 (9) | 1443-1447 |
| 10 | Luca Florin, Ioan Corina, Sasu Constantin, Luca Alina | The Impact of Public Health Care Services in the Patients' Perception as Regards the Health Institutions Brand on the Background of the Health Reform in Romania | Revista de Cercetare si Interventie Sociala, ISSN: 1583-3410 | 49 | 80-97 |
| 11 | Filipeanu Dumitru, Luca Florin, Anton Carmen, Cananau Mihaela, Luca Alina, Anton Emil | The Impact of Social Networks on the Individuals as well as Socio-Cultural Stereotypes and Social Dependence on this Source | Revista de Cercetare si Interventie Sociala, ISSN: 1583-3410 | 51 | 122-134 |
| 12 | Simona Caraiman, Vasile Manta | Image Segmentation on a Quantum Computer | Quantum Information Processing, ISSN 1570-0755 | 14 (5) | 1693-1715 |
| 13 | Joel S.E. Teo, Jan-Dirk Schmocker, Florin Leon, Joe Y-T Li, Jun Ji, Gabriela Maria Atanasiu, Eiichi Taniguchi | An Agent-based Evacuation Model Considering Field Effects and Government Advice | Transportation Research Record: Journal of the Transportation Research Board, ISSN 0361-1981 | issue 2532 | 129-140 |

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| 14 | Raluca Maria Hlihor, Mariana Diaconu, Florin Leon, Silvia Curteanu, Teresa Tavares, Maria Gavrilescu | Experimental Analysis and Mathematical Prediction of Cd(II) Removal by Biosorption Using Support Vector Machines and Genetic Algorithms | New Biotechnology, ISSN 1871-6784, DOI 10.1016/j.nbt.2014.08.003 | 32 (3) | 358-368 |
| 15 | Florin Leon | Stabilization Methods for a Multiagent System with Complex Behaviours | Computational Intelligence and Neuroscience, ISSN 1687-5265 | Article Number 236285 | 20 pag. |
| 16 | Romeu Chelariu, Gabriel Dan Suditu, Daniel Mareci, Georgiana Bolat, Nicanor Cimpoesu, Florin Leon, Silvia Curteanu | Prediction of Corrosion Resistance of Some Dental Metallic Materials with an Adaptive Regression Model | The Journal of The Minerals, Metals and Materials Society (JOM), ISSN 1047-4838 | 67 (4) | 767-774 |
| 17 | Iulian Petrila, Florina Ungureanu, Vasile Manta | Effects of laser beam modulation on all-optical switching phase diagrams in magneto-optical ultrafast storage device | Journal of Computational Electronics, 1569-8025 | 14 | 627-633 |
| 18 | Florin Tudorache, Iulian Petrila, Simona Condurache-Bota, Catalin Constantinescu, Mirela Praisler | Humidity sensors applicative characteristics of granularized and porous Bi ₂ O ₃ thin films prepared by oxygen plasma-assisted pulsed laser deposition | Superlattices and Microstructures, 0749-6036 | 77 | 276-285 |
| 19 | Anca Mihaela Dumitrescu, Gabriela Lisa, Alexandra Iordan, Florin Tudorache, Iulian Petrila, Adrian Borhan, Nicolae Palamaru, C. Mihailescu, Liviu Leontie, C. Munteanu | Ni ferrite highly organized as humidity sensors | Materials Chemistry and Physics, 0254-0584 | 156 | 170-179 |
| 20 | Alicia Petronela Rambu, Florin Tudorache, Iulian Petrila, George Rusu, Valentin Nica, Marius Dobromir, Sorin Tascu | Combined effects of p-n heterojunctions and active surface areas in a composite material dedicated to gas sensing applications | Journal of Materials Science: Materials in Electronics, 0957-4522 | 26 | 9837-9844 |
| 21 | Daniela Cailan, Florina Ungureanu, Carmen Teodosiu | Homogeneous Sono-Fenton Process: Statistical Modeling and Global Sensitivity Analysis | International Journal of Nonlinear Sciences and Numerical Simulation, ISSN (Online) 2191-0294, ISSN (Print) 1565-1339, DOI: 10.1515/ijnsns-2014-0051 | 16 (1) | 11 - 21 |
| 22 | Marius Durea, Radu Strugariu, Christiane Tammer | On set-valued optimization problems with variable ordering structure | Journal of Global Optimization, ISSN: 0925-5001 | 61 (4) | 745-767 |
| 23 | Cristina Ioana Muresan, Abhishek Dutta, Eva Henrietta Dulf, Zehra Pinar, Anca Maxim, Clara Mihaela Ionescu | Tuning Algorithms for fractional Order Internal Model Controllers for Time Delay Processes | International Journal of Control, 0020-7179 | 88 (1) | 1--15 |