

ISI Papers in highlight

No.	Article	Impact Factor / Quartile in Category
1.	Abdullah, A.D., Gisen, J.I.A., van der Zaag, P., Savenije, H.H.G., Karim, U.F.A., Masih, I., Popescu, I. Predicting the salt water intrusion in the Shatt al-Arab estuary using an analytical approach, <i>HYDROLOGY AND EARTH SYSTEM SCIENCES</i> , Volume: 20, Issue: 10, Pages: 4031-4042, ISSN: 1027-5606, eISSN: 1607-7938, 2016;	3.99 / Q1
2.	Ardit, M., Borcanescu, S., Cruciani, G., Dondi, M., Lazau, I., Pacurariu, C., Zanelli, C. Ni-Ti Codoped Hiconite Ceramic Pigments by Combustion Synthesis: Crystal Structure and Optical Properties, <i>JOURNAL OF THE AMERICAN CERAMIC SOCIETY</i> , Volume: 99, Issue: 5, Pages: 1749-1760, ISSN: 0002-7820, eISSN: 1551-2916, 2016;	2.787 / Q1
3.	Beevers, L., Popescu, I., Pan, Q., Pender, D. Applicability of a coastal morphodynamic model for fluvial environments, <i>ENVIRONMENTAL MODELLING & SOFTWARE</i> , Volume: 80, Pages: 83-99, ISSN: 1364-8152, eISSN: 1873-6726, 2016;	4.207 / Q1
4.	Belega, D., Petri, D., Dallet, D. Impact of harmonics on the interpolated DFT frequency estimator, <i>MECHANICAL SYSTEMS AND SIGNAL PROCESSING</i> , Volume: 66-67, Pages: 349-360, ISSN: 0888-3270, 2016;	2.771 / Q1
5.	Binzar, T., Pater, F., Nadaban, S. On fuzzy normed algebras, <i>JOURNAL OF NONLINEAR SCIENCES AND APPLICATIONS</i> , Volume: 9, Issue: 9, Pages: 5488-5496, ISSN: 2008-1898, eISSN: 2008-1901, 2016;	1.176 / Q1
6.	Bistriian, D.A., Susan-Resiga, R.F. Weighted proper orthogonal decomposition of the swirling flow exiting the hydraulic turbine runner, <i>APPLIED MATHEMATICAL MODELLING</i> , Volume: 40, Issue: 5-6, Pages: 4057-4078, ISSN: 0307-904X, eISSN: 1872-8480, 2016;	2.291 / Q1
7.	Boboescu, I.Z., Gherman, V.D., Lakatos, G., Pap, B., Biro, T., Maroti, G. Surpassing the current limitations of bio-hydrogen production systems: The case for a novel hybrid approach, <i>BIORESOURCE TECHNOLOGY</i> , Volume: 204, Pages: 192-201, PubMed ID: 26790867, ISSN: 0960-8524, eISSN: 1873-2976, 2016;	4.917 / Q1
8.	Brzdek, J., Cadariu, L. Stability for a family of equations generalizing the equation of p-Wright affine functions, <i>APPLIED MATHEMATICS AND COMPUTATION</i> , Volume: 276, Pages: 158-171, ISSN: 0096-3003, eISSN: 1873-5649, 2016;	1.345 / Q1
9.	Bunia, I., Socoliuc, V., Vekas, L., Doroftei, F., Varganici, C., Coroaba, A., Simionescu, B.C., Mihai, M. Superparamagnetic Composites Based on Ionic Resin Beads/CaCO ₃ /Magnetite, <i>CHEMISTRY-A EUROPEAN JOURNAL</i> , Volume: 22, Issue: 50, Pages: 18036-18044, PubMed ID: 27805763, ISSN: 0947-6539, eISSN: 1521-3765, 2016;	5.771 / Q1
10.	Camacho, O.M.F., Mihet-Popa, L. Fast Charging and Smart Charging Tests for Electric Vehicles Batteries Using Renewable Energy, <i>OIL & GAS SCIENCE AND TECHNOLOGY-REVUE D IFP ENERGIES NOUVELLES</i> , Volume: 71, Issue: 1, Article Number: 13, ISSN: 1294-4475, eISSN: 1953-8189, 2016;	1.087 / Q1
11.	Cindea, L., Hatiegan, C., Pop, N., Negrea, R., Raduca, E., Gillich, G.R., Danut, M., Nedeloni, M.D. The influence of thermal field in the electric arc welding of X60 carbon steel components in the CO ₂ environment, <i>APPLIED THERMAL ENGINEERING</i> , Volume: 103, Pages: 1164-1175, ISSN: 1359-4311, 2016;	3.043 / Q1
12.	Cires, I., Nani, V.-M. Stability control for a huge excavator for surface excavation, <i>APPLIED MATHEMATICAL MODELLING</i> Volume: 40, Issue: 1, Pages: 388-397, ISSN: 0307-904X, eISSN: 1872-8480, 2016;	2.291 / Q1
13.	Cogliati, A., Canavesi, C., Hayes, A., Tankam, P., Duma, V.F., Santhanam, A., Thompson, K.P., Rolland, J.P. MEMS-based handheld scanning probe with pre-shaped input signals for distortion-free images in Gabor-domain optical coherence microscopy, <i>OPTICS EXPRESS</i> , Volume: 24, Issue: 12, Pages: 13365-13374, PubMed ID: 27410354, ISSN: 1094-4087, 2016;	3.148 / Q1
14.	Craciunescu, C., Ercuta, A. Shape memory microactuation design by substrate's reinforcement layers, <i>MATERIALS & DESIGN</i> , Volume: 96, Pages: 364-369, ISSN: 0261-3069, eISSN: 1873-4197, 2016;	3.997 / Q1

No.	Article	Impact Factor / Quartile in Category
15.	Curiac, D.I. Towards wireless sensor, actuator and robot networks: Conceptual framework, challenges and perspectives, JOURNAL OF NETWORK AND COMPUTER APPLICATIONS, Volume: 63, Pages: 14-23, ISSN: 1084-8045, 2016;	2.331 / Q1
16.	Curiac, D.I. Wireless Sensor Network Security Enhancement Using Directional Antennas: State of the Art and Research Challenges, SENSORS, Volume: 16, Issue: 4, Article Number: 488, ISSN: 1424-8220, 2016;	2.033 / Q1
17.	Dinu, F., Marginean, I., Dubina, D., Petran, I. Experimental testing and numerical analysis of 3D steel frame system under column loss, ENGINEERING STRUCTURES, Volume: 113, Pages: 59-70, ISSN: 0141-0296, eISSN: 1873-7323, 2016;	1.893 / Q1
18.	Ene, R.D., Marinca, V., Marinca, B. Analytic Approximate Solutions to the Boundary Layer Flow Equation over a Stretching Wall with Partial Slip at the Boundary, PLOS ONE, Volume: 11, Issue: 3, Article Number: e0149334, ISSN: 1932-6203, 2016;	3.057 / Q1
19.	Epee, M.D.E., Mezei, J.Z., Motapon, O., Pop, N., Schneider, I.F. Reactive collisions of very low-energy electrons with H-2(+): rotational transitions and dissociative recombination, MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY, Volume: 455, Issue: 1, Pages: 276-281, ISSN: 0035-8711, eISSN: 1365-2966, 2016;	4.952 / Q1
20.	Fagadar-Cosma, E., Sebarchievici, I., Lascu, A., Creanga, I., Palade, A., Birdeanu, M., Taranu, B., Fagadar-Cosma, G. Optical and electrochemical behavior of new nano-sized complexes based on gold-colloid and Co-porphyrin derivative in the presence of H2O2, JOURNAL OF ALLOYS AND COMPOUNDS, Volume: 686, Pages: 896-904, ISSN: 0925-8388, eISSN: 1873-4669, 2016;	3.014 / Q1
21.	Filip, I., Szeidert, I. Adaptive fuzzy PI controller with shifted control singletons, EXPERT SYSTEMS WITH APPLICATIONS, Volume: 54, Pages: 1-12, ISSN: 0957-4174, eISSN: 1873-6793, 2016;	2.981 / Q1
22.	Gheju, M., Balcu, I., Mosoarca, G. Removal of Cr(VI) from aqueous solutions by adsorption on MnO2, JOURNAL OF HAZARDOUS MATERIALS, Volume: 310, Pages: 270-277, ISSN: 0304-3894, eISSN: 1873-3336, 2016;	4.836 / Q1
23.	Gheju, M., Balcu, I., Vancea, C. An investigation of Cr(VI) removal with metallic iron in the co presence of sand and/or MnO2, JOURNAL OF ENVIRONMENTAL MANAGEMENT, Volume: 170, Pages: 145-151, ISSN: 0301-4797, eISSN: 1095-8630, 2016;	3.131 / Q1
24.	Hadaruga, D.I., Costescu, C.I., Corpas, L., Hadaruga, N.G., Isengard, H.D. Differentiation of rye and wheat flour as well as mixtures by using the kinetics of Karl Fischer water titration, FOOD CHEMISTRY, Volume: 195, Pages: 49-55, ISSN: 0308-8146, eISSN: 1873-7072, 2016;	4.052 / Q1
25.	Ianos, R., Istrate, R., Pacurariu, C., Lazau, R. Solution combustion synthesis of strontium aluminate, SrAl2O4, powders: single-fuel versus fuel-mixture approach, PHYSICAL CHEMISTRY CHEMICAL PHYSICS, Volume: 18, Issue: 2, Pages: 1150-1157, ISSN: 1463-9076, eISSN: 1463-9084, 2016;	4.449 / Q1
26.	Ioan, A., Stratan, A., Dubina, D., Poljansek, M., Molina, F.J., Taucer, F., Pegon, P., Sabau, G. Experimental validation of re-centring capability of eccentrically braced frames with removable links, ENGINEERING STRUCTURES, Volume: 113, Pages: 335-346, ISSN: 0141-0296, eISSN: 1873-7323, 2016;	1.893 / Q1
27.	Jung, H.Y., Stoica, M., Yi, S., Kim, D.H., Eckert, J. Preparation of cast-iron-based nanocrystalline alloy with Cu and Nb addition, INTERMETALLICS, Volume: 69, Pages: 54-61, ISSN: 0966-9795, eISSN: 1879-0216, 2016;	2.541 / Q1
28.	Kalluf, F.J.H., Isfanuti, A.S., Tutelea, L.N., Moldovan-Popa, A., Boldea, I. 1-kW 2000-4500 r/min Ferrite PMSM Drive: Comprehensive Characterization and Two Sensorless Control Options, IEEE TRANSACTIONS ON INDUSTRY APPLICATIONS, Volume: 52, Issue: 5, Pages: 3980-3989, ISSN: 0093-9994, eISSN: 1939-9367, 2016;	1.901 / Q1

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29.	Ledeti, I., Ledeti, A., Vlase, G., Vlase, T., Matusz, P., Bercean, V., Suta, L.M., Piciu, D. Thermal stability of synthetic thyroid hormone L-thyroxine and L-thyroxine sodium salt hydrate both pure and in pharmaceutical formulations, <i>JOURNAL OF PHARMACEUTICAL AND BIOMEDICAL ANALYSIS</i> , Volume: 125, Pages: 33-40, PubMed ID: 26999320, ISSN: 0731-7085, eISSN: 1873-264X, 2016;	3.169 / Q1
30.	Malaescu, I., Lungu, A., Marin, C.N., Vlazan, P., Sfirloaga, P., Turi, G.M. Experimental investigations of the structural transformations induced by the heat treatment in manganese ferrite synthesized by ultrasonic assisted coprecipitation method, <i>CERAMICS INTERNATIONAL</i> , Volume: 42, Issue: 15, Pages: 16744-16748, ISSN: 0272-8842, eISSN: 1873-3956, 2016;	2.758 / Q1
31.	Marsavina, L., Constantinescu, D.M., Linul, E., Stuparu, F.A., Apostol, D.A. Experimental and numerical crack paths in PUR foams, <i>ENGINEERING FRACTURE MECHANICS</i> , Volume: 167, Special Issue: S, Pages: 68-83, ISSN: 0013-7944, eISSN: 1873-7315, 2016;	2.024 / Q1
32.	Marsavina, L., Kovacic, J., Linul, E. Experimental validation of micromechanical models for brittle aluminium alloy foam, <i>THEORETICAL AND APPLIED FRACTURE MECHANICS</i> , Volume: 83, Pages: 11-18, ISSN: 0167-8442, eISSN: 1872-7638, 2016;	2.025 / Q1
33.	Mezei, J.Z., Colboc, F., Pop, N., Ilie, S., Chakrabarti, K., Niyonzima, S., Lepers, M., Bultel, A., Dulieu, O., Motapon, O., Tennyson, J., Hassouni, K., Schneider, I.F. Dissociative recombination and vibrational excitation of BF ⁺ in low energy electron collisions, <i>PLASMA SOURCES SCIENCE & TECHNOLOGY</i> , Volume: 25, Issue: 5, Article Number: 055022, ISSN: 0963-0252, eISSN: 1361-6595, 2016;	2.808 / Q1
34.	Mitelea, I., Oanca, O., Bordeasu, I., Craciunescu, C.M. Cavitation Erosion of Cermet-Coated Aluminium Bronzes, <i>MATERIALS</i> , Volume: 9, Issue: 3, Article Number: 204, ISSN: 1996-1944, 2016;	2.728 / Q1
35.	Modler, N., Winkler, A., Filippatos, A., Lovasz, E.C., Margineanu, D. Simulation and experimental investigation of active lightweight compliant mechanisms with integrated piezoceramic actuators, <i>SMART MATERIALS AND STRUCTURES</i> , Volume: 25, Issue: 8, Article Number: 085047, ISSN: 0964-1726, eISSN: 1361-665X, 2016;	2.769 / Q1
36.	Molcan, M., Gojzewski, H., Skumiel, A., Dutz, S., Kovac, J., Kubovcikova, M., Kopcansky, P., Vekas, L., Timko, M. Energy losses in mechanically modified bacterial magnetosomes, <i>JOURNAL OF PHYSICS D-APPLIED PHYSICS</i> , Volume: 49, Issue: 36, Article Number: 365002, ISSN: 0022-3727, eISSN: 1361-6463, 2016;	2.772 / Q1
37.	Montiel, J., Szucs, A., Boboescu, I.Z., Gherman, V.D., Kondoros, E., Kereszt, A. Terminal Bacteroid Differentiation Is Associated With Variable Morphological Changes in Legume Species Belonging to the Inverted Repeat-Lacking Clade, <i>MOLECULAR PLANT-MICROBE INTERACTIONS</i> , Volume: 29, Issue: 3, Pages: 210-219, PubMed ID: 26713350, ISSN: 0894-0282, eISSN: 1943-7706, 2016;	4.145 / Q1
38.	Motoc, S., Manea, F., Iacob, A., Martinez-Joaristi, A., Gascon, J., Pop, A., Schoonman, J. Electrochemical Selective and Simultaneous Detection of Diclofenac and Ibuprofen in Aqueous Solution Using HKUST-1 Metal-Organic Framework-Carbon Nanofiber Composite Electrode, <i>SENSORS</i> , Volume: 16, Issue: 10, Article Number: 1719, ISSN: 1424-8220, 2016;	2.033 / Q1
39.	Negru, R., Serban, D.A., Marsavina, L., Magda, A. Lifetime prediction in medium-cycle fatigue regime of notched specimens, <i>THEORETICAL AND APPLIED FRACTURE MECHANICS</i> , Volume: 84, Special Issue: SI, Pages: 140-148, ISSN: 0167-8442, eISSN: 1872-7638, 2016;	2.025 / Q1
40.	Nelson, J.D.B., Nafornita, C., Isar, A. Semi-Local Scaling Exponent Estimation With Box-Penalty Constraints and Total-Variation Regularization, <i>IEEE TRANSACTIONS ON IMAGE PROCESSING</i> , Volume: 25, Issue: 7, Pages: 3167-3181, ISSN: 1057-7149, eISSN: 1941-0042, 2016;	3.735 / Q1

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41.	Nicoara, M., Locovei, C., Serban, V.A., Parthiban, R., Calin, M., Stoica, M. New Cu-Free Ti-Based Composites with Residual Amorphous Matrix, <i>MATERIALS</i> , Volume: 9, Issue: 5, Article Number: 331, ISSN: 1996-1944, 2016;	2.728 / Q1
42.	Nicoara, M., Raduta, A., Parthiban, R., Locovei, C., Eckert, J., Stoica, M. Low Young's modulus Ti-based porous bulk glassy alloy without cytotoxic elements, <i>ACTA BIOMATERIALIA</i> , Volume: 36, Pages: 323-331, ISSN: 1742-7061, eISSN: 1878-7568, 2016;	6.008 / Q1
43.	Paulescu, M., Stefu, N., Calinoiu, D., Paulescu, E., Pop, N., Boata, R., Mares, O. Angstrom-Preseott equation: Physical basis, empirical models and sensitivity analysis, <i>RENEWABLE & SUSTAINABLE ENERGY REVIEWS</i> , Volume: 62, Pages: 495-506, ISSN: 1364-0321, 2016;	6.798 / Q1
44.	Petrisor, C. Stabilization of a nonlinear control system on the Lie group $SO(3) \times R-3 \times R-3$, <i>JOURNAL OF NONLINEAR SCIENCES AND APPLICATIONS</i> , Volume: 9, Issue: 5, Pages: 2019-2030, ISSN: 2008-1898, eISSN: 2008-1901, 2016;	1.176 / Q1
45.	Petrovic, A., Lelea, D., Laza, I. The comparative analysis on using the NEPCM materials and nanofluids for microchannel cooling solutions, <i>INTERNATIONAL COMMUNICATIONS IN HEAT AND MASS TRANSFER</i> , Volume: 79, Pages: 39-45, ISSN: 0735-1933, eISSN: 1879-0178, 2016;	2.559 / Q1
46.	Radac, M.B., Precup, R.E. Model-free constrained data-driven iterative reference input tuning algorithm with experimental validation, <i>INTERNATIONAL JOURNAL OF GENERAL SYSTEMS</i> , Volume: 45, Issue: 4, Pages: 455-476, ISSN: 0308-1079, eISSN: 1563-5104, 2016;	1.677 / Q1
47.	Radac, M.B., Precup, R.E. Three-level hierarchical model-free learning approach to trajectory tracking control, <i>ENGINEERING APPLICATIONS OF ARTIFICIAL INTELLIGENCE</i> , Volume: 55, Pages: 103-118, ISSN: 0952-1976, eISSN: 1873-6769, 2016;	2.368 / Q1
48.	Raduta, A., Nicoara, M., Locovei, C., Eckert, J., Stoica, M. Ti-based bulk glassy composites obtained by replacement of Ni with Ga, <i>INTERMETALLICS</i> , Volume: 69, Pages: 28-34, ISSN: 0966-9795, eISSN: 1879-0216, 2016;	2.541 / Q1
49.	Ramasamy, P., Szabo, A., Borzel, S., Eckert, J., Stoica, M., Bardos, A. High pressure die casting of Fe-based metallic glass, <i>SCIENTIFIC REPORTS</i> , Volume: 6, Article Number: 35258, PubMed ID: 27725780, ISSN: 2045-2322, 2016;	5.228 / Q1
50.	Roman, R.C., Radac, M.B., Precup, R.E. Multi-input-multi-output system experimental validation of model-free control and virtual reference feedback tuning techniques, <i>IET CONTROL THEORY AND APPLICATIONS</i> , Volume: 10, Issue: 12, Special Issue: SI, Pages: 1395-1403, ISSN: 1751-8644, eISSN: 1751-8652, 2016;	1.957 / Q1
51.	Sahebkar, A., Gurban, C., Serban, A., Andrica, F., Serban, M.C. Effects of supplementation with pomegranate juice on plasma C-reactive protein concentrations: A systematic review and meta-analysis of randomized controlled trials, <i>PHYTOMEDICINE</i> , Volume: 23, Issue: 11, Special Issue: SI, Pages: 1095-1102, PubMed ID: 26922037, ISSN: 0944-7113, eISSN: 1618-095X, 2016;	2.937 / Q1
52.	Sarac, B., Zhang, L., Kosiba, K., Pauly, S., Stoica, M., Eckert, J. Towards the Better: Intrinsic Property Amelioration in Bulk Metallic Glasses, <i>SCIENTIFIC REPORTS</i> , Volume: 6, Article Number: 27271, PubMed ID: 27273477, ISSN: 2045-2322, 2016;	5.228 / Q1
53.	Segneanu, A.E., Damian, D., Hulka, I., Grozescu, I., Salifoglou, A. A simple and rapid method for calixarene-based selective extraction of bioactive molecules from natural products, <i>AMINO ACIDS</i> , Volume: 48, Issue: 3, Pages: 849-858, PubMed ID: 26597796, ISSN: 0939-4451, eISSN: 1438-2199, 2016	3.196 / Q2
54.	Serban, D.A., Weissenborn, O., Geller, S., Marsavina, L., Gude, M. Evaluation of the mechanical and morphological properties of long fibre reinforced polyurethane rigid foams, <i>POLYMER TESTING</i> , Volume: 49, Pages: 121-127, ISSN: 0142-9418, eISSN: 1873-2348, 2016;	2.35 / Q1

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55.	Shahabi, H.S., Scudino, S., Kaban, I., Stoica, M., Escher, B., Menzel, S., Vaughan, G.B.M., Kuhn, U., Eckert, J. Mapping of residual strains around a shear band in bulk metallic glass by nanobeam X-ray diffraction, ACTA MATERIALIA, Volume: 111, Pages: 187-193, ISSN: 1359-6454, eISSN: 1873-2453, 2016;	5.058 / Q1
56.	Sopu, D., Foroughi, A., Stoica, M., Eckert, J. Brittle-to-Ductile Transition in Metallic Glass Nanowires, NANO LETTERS, Volume: 16, Issue: 7, Pages: 4467-4471, PubMed ID: 27248329, ISSN: 1530-6984, eISSN: 1530-6992, 2016;	13.779 / Q1
57.	Sopu, D., Soyarslan, C., Sarac, B., Bargmann, S., Stoica, M., Eckert, J. Structure-property relationships in nanoporous metallic glasses, ACTA MATERIALIA, Volume: 106, Pages: 199-207, ISSN: 1359-6454, eISSN: 1873-2453, 2016;	5.058 / Q1
58.	Stefu, N., Paulescu, M., Blaga, R., Calinoiu, D., Pop, N., Boata, R., Paulescu, E. A theoretical framework for Angstrom equation. Its virtues and liabilities in solar energy estimation, ENERGY CONVERSION AND MANAGEMENT, Volume: 112, Pages: 236-245, ISSN: 0196-8904, eISSN: 1879-2227, 2016;	4.801 / Q1
59.	Susan-Resiga, D., Vekas, L. Ferrofluid-based magnetorheological fluids: tuning the properties by varying the composition at two hierarchical levels, RHEOLOGICA ACTA, Volume: 55, Issue: 7, Pages: 581-595, ISSN: 0035-4511, eISSN: 1435-1528, 2016;	2.184 / Q1
60.	Tekle-Rottering, A., Jewell, K.S., Reisz, E., Lutze, H.V., Ternes, T.A., Schmidt, W., Schmidt, T.C. Ozonation of piperidine, piperazine and morpholine: Kinetics, stoichiometry, product formation and mechanistic considerations, WATER RESEARCH, Volume: 88, Pages: 960-971, PubMed ID: 26624229, ISSN: 0043-1354, 2016;	5.991 / Q1
61.	Tekle-Rottering, A., Reisz, E., Jewell, K.S., Lutze, H.V., Ternes, T.A., Schmidt, W., Schmidt, T.C. Ozonation of pyridine and other N-heterocyclic aromatic compounds: Kinetics, stoichiometry, identification of products and elucidation of pathways, WATER RESEARCH, Volume: 102, Pages: 582-593, PubMed ID: 27448509, ISSN: 0043-1354, 2016;	5.991 / Q1
62.	Tekle-Rottering, A., von Sonntag, C., Reisz, E., vom Eyser, C., Lutze, H.V., Turk, J., Naumov, S., Schmidt, W., Schmidt, T.C. Ozonation of anilines: Kinetics, stoichiometry, product identification and elucidation of pathways, WATER RESEARCH, Volume: 98, Pages: 147-159, PubMed ID: 27088249, ISSN: 0043-1354, 2016;	5.991 / Q1
63.	Tiwari, A.K., Albulescu, C.T. Oil price and exchange rate in India: Fresh evidence from continuous wavelet approach and asymmetric, multi-horizon Granger-causality tests, APPLIED ENERGY, Volume: 179, Pages: 272-283, ISSN: 0306-2619, eISSN: 1872-9118, 2016;	5.746 / Q1
64.	Tiwari, A.K., Albulescu, C.T. Renewable-to-total electricity consumption ratio: Estimating the permanent or transitory fluctuations based on flexible Fourier stationarity and unit root tests, RENEWABLE & SUSTAINABLE ENERGY REVIEWS, Volume: 57, Pages: 1409-1427, ISSN: 1364-0321, 2016;	6.798 / Q1
65.	Tiwari, A.K., Mutascu, M.I., Albulescu, C.T. Continuous wavelet transform and rolling correlation of European stock markets, INTERNATIONAL REVIEW OF ECONOMICS & FINANCE, Volume: 42, Pages: 237-256, ISSN: 1059-0560, eISSN: 1873-8036, 2016;	1.846 / Q1
66.	Topirceanu, A., Duma, A., Udrescu, M. Uncovering the fingerprint of online social networks using a network motif based approach, COMPUTER COMMUNICATIONS, Volume: 73, Special Issue: SI, Pages: 167-175, ISSN: 0140-3664, eISSN: 1873-703X, 2016;	2.099 / Q1
67.	Totorean, A.F., Bernad, S.I., Susan-Resiga, R.F. Fluid dynamics in helical geometries with applications for by-pass grafts, APPLIED MATHEMATICS AND COMPUTATION, Volume: 272, Pages: 604-613, ISSN: 0096-3003, eISSN: 1873-5649, 2016;	1.345 / Q1

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68.	Udrescu, L., Sbarcea, L., Topirceanu, A., Iovanovici, A., Kurunczi, L., Bogdan, P., Udrescu, M. Clustering drug-drug interaction networks with energy model layouts: community analysis and drug repurposing, SCIENTIFIC REPORTS, Volume: 6, Article Number: 32745, PubMed ID: 27599720, ISSN: 2045-2322, 2016;	5.228 / Q1
69.	Unlusayin, M., Hadaruga, N.G., Rusu, G., Gruia, A.T., Paunescu, V., Hadaruga, D.I. Nano-encapsulation competitiveness of omega-3 fatty acids and correlations of thermal analysis and Karl Fischer water titration for European anchovy (<i>Engraulis encrasicolus</i> L.) oil/beta-cyclodextrin complexes, LWT-FOOD SCIENCE AND TECHNOLOGY, Volume: 68, Pages: 135-144, ISSN: 0023-6438, eISSN: 1096-1127, 2016;	2.711 / Q1
70.	Utu, I.D., Mitelea, I., Urgan, S.D., Craciunescu, C.M., Transformation and Precipitation Reactions by Metal Active Gas Pulsed Welded Joints from X2CrNiMoN22-5-3 Duplex Stainless Steels, MATERIALS, Volume: 9, Issue: 7, Article Number: 606, ISSN: 1996-1944, 2016;	2.728 / Q1
71.	Zagari, G., Zucco, G., Madeo, A., Ungureanu, V., Zinno, R., Dubina, D. Evaluation of the erosion of critical buckling load of cold-formed steel members in compression based on Koiter asymptotic analysis, THIN-WALLED STRUCTURES, Volume: 108, Pages: 193-204, ISSN: 0263-8231, eISSN: 1879-3223, 2016;	2.063 / Q1