

**Articole științifice publicate în regim *Open Access* în reviste indexate în primele 2 quartile în baza de date Web of Science - Clavariate Analytics  
20 în reviste situate în Q1 și 5 în reviste din Q2**

(A fost depășit numărul de 20 de articole publicate în reviste ISI asumat prin proiect)

Nr. ctr.	Autori	Titlul Lucrării	Revista (cod ISSN)	Identificator lucrare	Observații
1	Stoia Dan Ioan, Marsavina Liviu, Linul Emanoil	Correlations between Process Parameters and Outcome Properties of Laser-Sintered Polyamide	<i>Polymers</i> eISSN: 2073-4360	WOS:000503279200122	FI=3.426 Q1
2	Izolda Kántor, Diana Aparaschivei, Anamaria Todea, Emese Biró, György Babos, Dóra Szerényi, Balázs Kakasi, Francisc Péter, Eugen Șișu, Tivadar Feczkó	Biocatalytic synthesis of poly[ε-caprolactone-co-(12-hydroxystearate)] copolymer for sorafenib nanoformulation useful in drug delivery	<i>Catalysis Today</i> ISSN: 0920-5861 eISSN: 1873-4308	WOS:_ Articol in tiparire	FI=5.825 Q1
3	Bogdan Groza, Tudor Andreica, Adriana Berdich, Pal-Stefan Murvay, Horatiu Gurban	PRESTvO: PRivacy Enabled Smartphone-based access To vehicle On-board units	<i>IEEE Access</i> ISSN: 2169-3536 eISSN: 2169-3536	WOS:000551982000001	FI=3.745 Q1
4	Pana, Ana-Maria, Ordodi Valentin, Rusu Gerlinda, Gherman, Vasile Bandur Geza, Rusnac Lucian Mircea, Dumitrei, Gabriela-Alina	Biodegradation Pattern of Glycopolymer Based on D-Mannose Oligomer and Hydroxypropyl Acrylate	<i>Polymers</i> eISSN: 2073-4360	WOS:000525952000203	FI=3.426 Q1
5	Dan Ioan Stoia, Liviu Marsavina, Emanoil Linul	Mode I Fracture Toughness of Polyamide and Alumide Samples obtained by Selective Laser Sintering Additive Process	<i>Polymers</i> eISSN: 2073-4360	WOS:000525952000139	FI=3.426 Q1
6	Korodi A, Anitei D, Boitor A, Silea I.	Image-Processing-Based Low-Cost Fault Detection Solution for End-of-Line ECUs in Automotive Manufacturing	<i>Sensors</i> eISSN: 1424-8220	WOS:000553059800001	FI=3.275 Q1
7	Covaci Corina-Nicoleta, Gontean Aurel-Stefan	Piezoelectric Energy Harvesting Solutions: A Review	<i>Sensors</i> eISSN: 1424-8220	WOS:000553139200001	FI=3.275 Q1
8	Gyorgy Kolumban-Antal, Vladko Lasak, Razvan Bogdan, Bogdan Groza	A Secure and Portable Multi-Sensor Module for Distributed Air Pollution Monitoring	<i>Sensors</i> eISSN: 1424-8220	WOS:000517790100077	FI=3.275 Q1
9	Bogdan Pascu, Cristina Ardean, Corneliu Mircea Davidescu, Adina Negrea, Mihaela Ciopec, Narcis Duțeanu, Petru Negrea, Gerlinda Rusu	Modified Chitosan for Silver Recovery—Kinetics, Thermodynamic, and Equilibrium Studies	<i>Materials</i> ISSN: - eISSN: 1996-1944	WOS:000515503100164	FI=3.057 Q2
10	Bogdan Pascu, Adina Negrea, Mihaela Ciopec, Corneliu Mircea Davidescu, Petru Negrea, Vasile Gherman, Narcis Duteanu	New Generation of Antibacterial Products Based on Colloidal Silver	<i>Materials</i> ISSN: - eISSN: 1996-1944	WOS:000529875600096	FI=3.057 Q2

11	Manolescu Laura	Ulam's Type Stability and Generalized norms	<i>Symmetry-Basel</i> ISSN: - eISSN: 2073-8994	WOS:00054022220 0013	FI=2.645 Q2
12	Cividino, S., Halbac-Cotoara-Zamfir. R., Salvati, L. Revisiting	"City Life Cycle": Global Urbanization and Implications for Regional Development	<i>Sustainability</i> eISSN:2071-1050	WOS:00052489960 2038	FI=2.576, Q2
13	Gabriella Epasto, Fabio Distefano, Linxia Gu, Hozhabr Mozafari, Emanoil Linul	Design and optimization of Metallic Foam Shell protective device against flying ballast impact damage in railway axles	<i>Materials &amp; Design</i> ISSN: 0261-3069 eISSN: 1873-4197	WOS:00058826690 0001	FI=6.289 Q1
14	Anamaria Todea, Ioana Cristina Benea, Ioan Bitcan, Francisc Péter, Szilvia Klébert, Tivadar Feczko, Zoltán Károly, Emese Biró	One-pot biocatalytic conversion of lactose to gluconic acid and galactooligosaccharides using immobilized $\beta$ -galactosidase and glucose oxidase	<i>Catalysis Today</i> ISSN: 0920-5861 eISSN: 1873-4308	Articol în curs de indexare	FI=5.825 Q1
15	Octavian Cornea, Dan Hulea, Nicolae Muntean, Gheorghe-Daniel Andreescu	Step-Down Switched-Inductor Hybrid DC-DC Converter for Small Power Wind Energy Conversion Systems With Hybrid Storage	<i>IEEE Access</i> ISSN: 2169-3536	WOS:00055777260 0001	FI=3.745 Q1
16	Claudiu Tiberiu Albuлесcu	COVID-19 and the United States financial markets' volatility	Finance Research Letters ISSN: 1544-6123 eISSN: 1544-6131	Articol în curs de indexare	FI=3.527 Q1
17	Gabriel Kiss, Gerlinde Rusu, Francisc Peter, Ionut Tanase, Geza Bandur	Recovery of flexible polyurethane foam waste for efficient reuse in industrial formulations	<i>Polymers</i> eISSN: 2073-4360	WOS: 000554264900001	FI=3.426 Q1
18	Ioana A., Korodi A.	OPC UA Publish-Subscribe and VSOME/IP Notify-Subscribe Based Gateway Application in the Context of Car to Infrastructure Communication	<i>Sensors</i> eISSN: 1424-8220	WOS:00056737930 0001	FI=3.275 Q1
19	Marsavina Liviu, Linul Emanoil	Fracture toughness of rigid polymeric foams: A review	Fatigue & Fracture of Engineering Materials & Structures ISSN: 8756-758X eISSN: 1460-2695	WOS:00056222950 0001	FI=3.031 Q1
20	Adina Negrea, Maria Mihailescu, Giannin Mosoarca, Mihaela Ciopec, Narcis Duteanu, Petru Negrea, Vasile Minzatu	Estimation on Fixed-Bed Column Parameters of Breakthrough Behaviors for Gold Recovery by Adsorption onto Modified/Functionalized Amberlite XAD7	<i>International Journal of Environmental Research and Public Health</i> eISSN: 1660-4601	WOS:00058245200 0001	FI=2.849 Q1
21	Cveticanin, Dragan, Herisanu Nicolae, Biro Istvan, Zukovic Miodrag, Cveticanin, Livija	Vibration of the Biomass Boiler Tube Excited with Impact of the Cleaning Device	<i>Mathematics</i> ISSN: - eISSN: 2227-7390	WOS:00058020900 0001	FI=1.747 Q1
22	Nicolae Lupa	A new approach on Datko-Zabczyk method for nonuniform exponential stability	<i>Mathematics</i> ISSN: - eISSN: 2227-7390	WOS:00055416940 0001	FI=1.747 Q1
23	Oana Buriac, Mihaela Ciopec, Narcis Duteanu, Adina Negrea, Petru Negrea, Ioan Grozav	Platinum (IV) Recovery from Waste Solutions by Adsorption onto Dibenzo-30-crown-10 Ether Immobilized on Amberlite XAD7 Resin-Factorial Design Analysis	<i>Molecules</i> ISSN: - eISSN: 1420-3049	WOS:00057781740 0001	FI=3.267 Q1

24	Liviu Cadariu, Dorian Popa, Ioan Rasa	Ulam Stability of a Second Linear Differential Operator with Nonconstant Coefficients	<i>Symmetry-BaseI</i> eISSN: 2073-8994	WOS:00058758970 0001	FI=2.645 Q2
25	Ioana A, Korodi A.	Improving OPC UA Publish-Subscribe Mechanism over UDP with Synchronization Algorithm and Multithreading Broker Application	Sensors eISSN: 1424-8220	WOS: 000586423100001	FI=3.275 Q1