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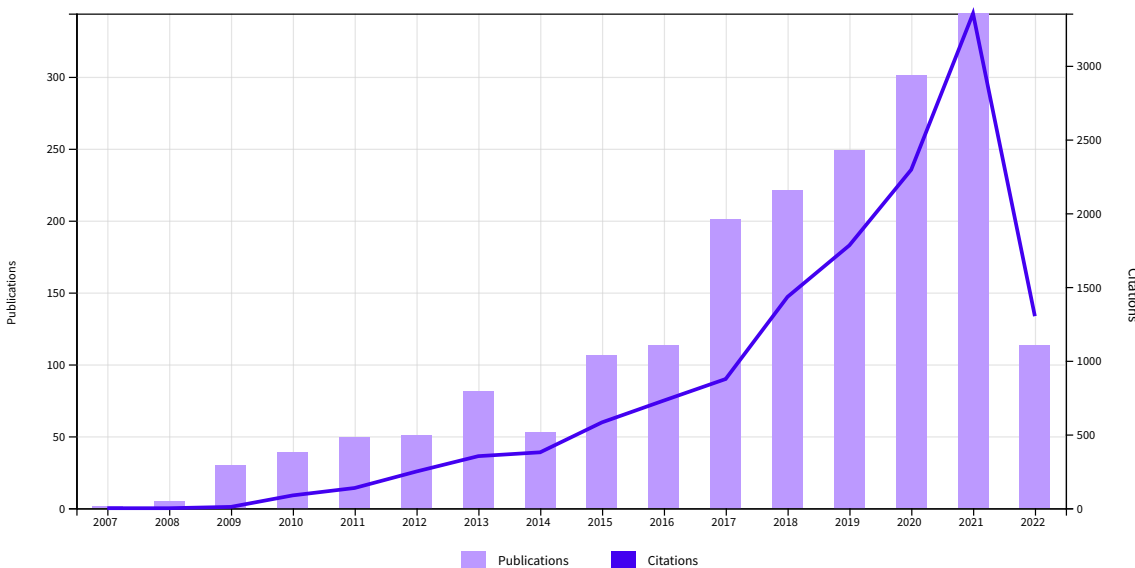
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				2018	2019	2020	2021	2022		
Total		1,433	1,782	2,295	3,354	1,302	969.21	13,569		
1	Emerging pollutants in the environment: present and future challenges in biomonitoring, ecological risks and bioremediation <i>Gavrilescu, M; Demnerova, K; (...); Fava, F</i> Jan 25 2015 NEW BIOTECHNOLOGY 32 (1), pp.147-156	75	104	104	110	37	67.88	543		
2	Models of few optical cycle solitons beyond the slowly varying envelope approximation <i>Leblond, H and Mihalache, D</i> Feb 2013 PHYSICS REPORTS-REVIEW SECTION OF PHYSICS LETTERS 523 (2), pp.61-126	36	43	43	35	7	35.5	355		
3	Experimental energy-dependent nuclear spin distributions <i>von Ejdy, T and Bucurescu, D</i> Nov 2009 PHYSICAL REVIEW C 80 (5)	14	13	7	7	3	10.43	146		
4	Spin-Forbidden Transitions in the Spectra of Transition Metal Ions and Nephelauxetic Effect <i>Brik, MG; Camardello, SJ; (...); Suchocki, A</i> 2016 ECS JOURNAL OF SOLID STATE SCIENCE AND TECHNOLOGY 5 (1), pp.R3067-R3077	25	26	25	35	7	20.29	142		
5	Few-optical-cycle solitons: Modified Korteweg-de Vries sine-Gordon equation versus other non-slowly-varying-envelope-approximation models <i>Leblond, H and Mihalache, D</i> Jun 2009 PHYSICAL REVIEW A 79 (6)	12	17	15	8	3	9.21	129		
6	MULTIDIMENSIONAL LOCALIZED STRUCTURES IN OPTICS AND BOSE-EINSTEIN CONDENSATES: A SELECTION OF RECENT STUDIES <i>Mihalache, D</i> 2014 ROMANIAN JOURNAL OF PHYSICS 59 (3-4), pp.295-312	20	9	6	9	2	14	126		
7	Vector rogue waves in the Manakov system: diversity and compossibility <i>Chen, SH and Mihalache, D</i> May 29 2015 JOURNAL OF PHYSICS A-MATHEMATICAL AND THEORETICAL 48 (21)	14	14	17	17	7	13.63	109		
8	Introduction of the circular economy within developing regions: A comparative analysis of advantages and opportunities for waste valorization <i>Ferronato, N; Rada, EC; (...); Torretta, V</i> Jan 15 2019 JOURNAL OF ENVIRONMENTAL MANAGEMENT 230, pp.366-378	1	16	33	39	15	26	104		
Forecasting municipal solid waste generation using prognostic tools and regression analysis										



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Sep 2011 | [OPTICAL MATERIALS](#) 33 (11) , pp.1671-1676



NONLINEAR OPTICS OF INTENSE FEW-CYCLE PULSES: AN OVERVIEW OF RECENT THEORETICAL AND EXPERIMENTAL DEVELOPMENTS

Frantzeskakis, D.J.; Leblond, H. and Mihalache, D.
2014 | [ROMANIAN JOURNAL OF PHYSICS](#) 59 (7-8) , pp.767-784

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Novel Manifestation of alpha-Clustering Structures: New " α +Pb-208" States in Po-212 Revealed by Their Enhanced E1 Decays

Astier, A.; Petkov, P. (-.); Schuck, P.
Jan 29 2010 | [PHYSICAL REVIEW LETTERS](#) 104 (4)

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Universal decay rule for reduced widths

Delion, D.S.
Aug 2009 | [PHYSICAL REVIEW C](#) 80 (2)

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Burnout syndrome in Romanian medical residents in time of the COVID-19 pandemic

Dimitriu, M.C.; Pantea-Stoian, A. (-.); Socea, B.
Nov 2020 | [MEDICAL HYPOTHESES](#) 144

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Open Problems in Nonlinear Conjugate Gradient Algorithms for Unconstrained Optimization

Andrei, N.
2011 | [BULLETIN OF THE MALAYSIAN MATHEMATICAL SCIENCES SOCIETY](#) 34 (2) , pp.319-330

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Biodegradable Antimicrobial Food Packaging: Trends and Perspectives

Motelica, J.; Fical, D. (-.); Andronescu, E.
Oct 2020 | [FOODS](#) 9 (10)

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Review of hybrid PLGA nanoparticles: Future of smart drug delivery and theranostics medicine

Ghitman, J.; Biru, E.B. (-.); Iovu, H.
Aug 2020 | [MATERIALS & DESIGN](#) 193

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COMPARING ENVIRONMENTAL IMPACTS OF NATURAL INERT AND RECYCLED CONSTRUCTION AND DEMOLITION WASTE PROCESSING USING LCA

Simion, J.M.; Fortuna, M.E. (-.); Gavrilescu, M.
2013 | [JOURNAL OF ENVIRONMENTAL ENGINEERING AND LANDSCAPE MANAGEMENT](#) 21 (4) , pp.273-287

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A perfusion incubator liver chip for 3D cell culture with application on chronic hepatotoxicity testing

Yu, F.; Deng, B.S. (-.); Yu, H.
Nov 6 2017 | [SCIENTIFIC REPORTS](#) 7

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Rhizobacteria and plant symbiosis in heavy metal uptake and its implications for soil bioremediation

Sobariu, D.I.; Fertu, D.I.T. (-.); Gavrilescu, M.
Oct 25 2017 | [NEW BIOTECHNOLOGY](#) 39 , pp.125-134

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Toward a new description of triaxial nuclei

Raduta, A.A. and Buganu, P.
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Optical, morphological and electrical studies of thermally vacuum evaporated CdTe thin films for photovoltaic applications

Toma, O.; Ion, L. (-.); Antohe, S.
Oct 2014 | [SOLAR ENERGY](#) 108 , pp.51-60

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Effects of the fractional order and magnetic field on the blood flow in cylindrical domains

Shah, N.A.; Vieru, D. and Fetecau, C.
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Solitons in PT-symmetric optical lattices with spatially periodic modulation of nonlinearity

He, Y.; Zhu, X. (-.); Chen, Z.X.
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Bungau, S.; Tit, D.M. (-.); Bustea, C.
Aug 2018 | [SUSTAINABILITY](#) 10 (8)

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Recent changes in global drylands: Evidences from two major aridity databases

Pravaliu, R.; Bando, G. (-.); Sternberg, T.
Jul 2019 | [CATENA](#) 178 , pp.209-231

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Spatial assessment of solar energy potential at global scale. A geographical approach

Pravaliu, R.; Patriche, C. and Bando, G.
Feb 1 2019 | [JOURNAL OF CLEANER PRODUCTION](#) 209 , pp.692-721

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Studies and Investigation about the Attitude towards Sustainable Production, Consumption and Waste Generation in Line with Circular Economy in Romania

Lakatos, E.S.; Cioca, J. (-.); Barsan, G.
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Modeling and simulation of high pressure water scrubbing technology applied for biogas upgrading

Cozma, P.; Wukovits, W. (-.); Gavrilescu, M.
Feb 2015 | [CLEAN TECHNOLOGIES AND ENVIRONMENTAL POLICY](#) 17 (2) , pp.373-391

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Novel nanocomposites based on epoxy resin/epoxy-functionalized polydimethylsiloxane reinforced with POSS

Florea, N.M.; Luong, A. (-.); Iovu, H.
Jun 15 2015 | [COMPOSITES PART B-ENGINEERING](#) 75 , pp.226-234

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TIME-FRACTIONAL FREE CONVECTION FLOW NEAR A VERTICAL PLATE WITH NEWTONIAN HEATING AND MASS DIFFUSION

Vieru, D.; Fetecau, C. and Fetecau, C.
4th International Symposium of South-East European Countries (SEEC)
2015 | [THERMAL SCIENCE](#) 19 , pp.S85-S98

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Bioprinted 3D printable native nanocellulose ink formulations



32	Dromaspire as primary poly(1-hydroxyacetate) ink formulations Cernescu, A.; Lungu, A. (-); Iovu, H. Sep 15 2019 CARBOHYDRATE POLYMERS 220, pp.12-21	0	1	13	31	3	12	48
33	Hyperkalemia and Cardiovascular Diseases: New Molecules for the Treatment Diaconu, C.C.; Stanescu, A.M.A.; (-); Bratu, O.G. Jun 2018 REVISTA DE CHIMIE 69 (6), pp.1367-1370	28	19	1	0	0	9.6	48
34	Hyponatremia in Patients with Heart Failure: a Prognostic Marker Diaconu, C.C.; Manea, M.; (-); Bratu, O.G. May 2018 REVISTA DE CHIMIE 69 (5), pp.1071-1074	32	16	0	0	0	9.6	48
35	LIFE CYCLE ASSESSMENT OF WASTE MANAGEMENT AND RECYCLED PAPER SYSTEMS Ghinea, C.; Petraru, M.; (-); Gavrilescu, M. Aug 2014 ENVIRONMENTAL ENGINEERING AND MANAGEMENT JOURNAL 13 (8), pp.2073-2085	7	6	2	2	3	5.33	48
36	HIGH POWER PULSES EXTRACTED FROM THE PEREGRINE ROGUE WAVE Yang, G.Y.; Li, L.; (-); Mihalache, D. 2013 ROMANIAN REPORTS IN PHYSICS 65 (2), pp.391-400	1	2	1	3	0	4.8	48
37	Flow over an infinite plate of a viscous fluid with non-integer order derivative without singular kernel Zafar, A.A. and Fetecau, C. Sep 2016 ALEXANDRIA ENGINEERING JOURNAL 55 (3), pp.2789-2796	9	13	12	5	4	6.71	47
38	Peristaltic Flow of Couple Stress Fluid in a Non-Uniform Rectangular Duct Having Compliant Walls Ellahi, B.; Bhatti, M.M.; (-); Yafai, K. Jan 1 2016 COMMUNICATIONS IN THEORETICAL PHYSICS 65 (1), pp.66-72	10	10	3	1	1	6.57	46
39	STUDIES ON ACCUMULATION OF HEAVY METALS FROM SUBSTRATE TO EDIBLE WILD MUSHROOMS Stihl, C.; Radulescu, C.; (-); Ene, A. 10th International Balkan Workshop on Applied Physics 2011 ROMANIAN JOURNAL OF PHYSICS 56 (1-2), pp.257-264	1	4	8	2	1	3.83	46
40	Microscopic cold fission yields of Cf-252 Mirea, M.; Delion, D.S. and Sandulescu, A. Apr 2010 PHYSICAL REVIEW C 81 (4)	2	2	0	5	0	3.54	46
41	Collapse of ultrashort spatiotemporal pulses described by the cubic generalized Kadomtsev-Petviashvili equation Leblond, H.; Kremer, D. and Mihalache, D. Mar 2010 PHYSICAL REVIEW A 81 (3)	4	3	1	5	1	3.54	46
42	Lattice solitons in optical media described by the complex Ginzburg-Landau model with PT-symmetric periodic potentials He, Y. and Mihalache, D. Jan 14 2013 PHYSICAL REVIEW A 87 (1)	4	3	1	0	4	4.5	45
43	Effects of formation properties in one-proton radioactivity Oj, C.; Delion, D.S.; (-); Wyss, R. Jan 30 2012 PHYSICAL REVIEW C 85 (1)	6	4	7	11	2	4.09	45
44	Polypharmacy in Type 2 Diabetes Mellitus: Insights from an Internal Medicine Department Dobrica, E.C.; Gaman, M.A.; (-); Diaconu, C.C. Aug 2019 MEDICINA-LITHUANIA 55 (8)	0	2	14	25	3	11	44
45	COMBINED POROUS AND MAGNETIC EFFECTS ON SOME FUNDAMENTAL MOTIONS OF NEWTONIAN FLUIDS OVER AN INFINITE PLATE Fetecau, C.; Ellahi, B.; (-); Shah, N.A. 2018 JOURNAL OF POROUS MEDIA 21 (7), pp.589-605	3	21	13	6	1	8.8	44
46	ECOLOGICAL FOOTPRINT APPLIED IN THE ASSESSMENT OF CONSTRUCTION AND DEMOLITION WASTE INTEGRATED MANAGEMENT Simion, I.M.; Ghinea, C.; (-); Gavrilescu, M. Apr 2013 ENVIRONMENTAL ENGINEERING AND MANAGEMENT JOURNAL 12 (4), pp.779-788	4	5	7	7	1	4.4	44
47	HEAVY METAL ACCUMULATION AND TRANSLOCATION IN DIFFERENT PARTS OF BRASSICA OLERACEA L Radulescu, C.; Stihl, C.; (-); Chilian, A. 2013 ROMANIAN JOURNAL OF PHYSICS 58 (9-10), pp.1337-1354	5	11	7	4	4	4.4	44
48	Eco-friendly preparation of electrically conductive chitosan - reduced graphene oxide flexible bionanocomposites for food packaging and biological applications Barra, A.; Ferreira, N.M.; (-); Nunes, C. Mar 22 2019 COMPOSITES SCIENCE AND TECHNOLOGY 173, pp.53-60	0	4	15	20	4	10.75	43
49	Immunohistochemistry Particularities of Retroperitoneal Tumors Bratu, O.G.; Marcu, R.D.; (-); Spiniu, A.D. Jul 2018 REVISTA DE CHIMIE 69 (7), pp.1813-1816	22	18	1	2	0	8.6	43
50	Experimental analysis and mathematical prediction of Cd(II) removal by biosorption using support vector machines and genetic algorithms Hihor, R.M.; Diaconu, M.; (-); Gavrilescu, M. May 25 2015 NEW BIOTECHNOLOGY 32 (3), pp.358-368	6	4	5	8	2	5.25	42

Citation Report Publications Table

