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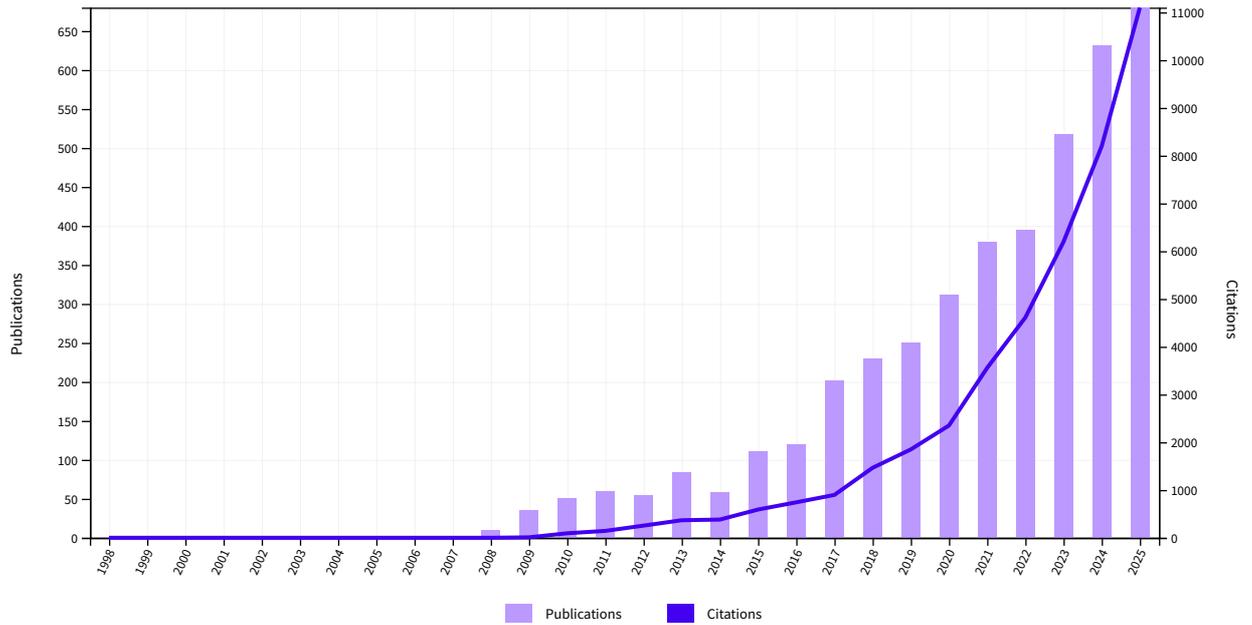
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Citations

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Total	3,556	4,610	6,194	8,197	11,099	2,395.39	43,117
Emerging pollutants in the environment: present and future challenges in biomonitoring, ecological risks and bioremediation	113	102	86	83	72	71.25	855

1

Emerging pollutants in the environment: present and future challenges in biomonitoring, ecological risks and bioremediation

Gavrilescu, M; Demnerová, K; (...); Fava, F

Jan 25 2015 | NEW BIOTECHNOLOGY 32(1), pp.147-156



2	An Overview of Oxidative Stress, Neuroinflammation, and Neurodegenerative Diseases Teleanu, DM; Niculescu, AG; (...); Teleanu, RI Jun 2022 INTERNATIONAL JOURNAL OF MOLECULAR SCIENCES ▾ 23(11)	0	20	104	208	340	136.8	684
3	Models of few optical cycle solitons beyond the slowly varying envelope approximation Leblond, H and Mihalache, D Feb 2013 PHYSICS REPORTS-REVIEW SECTION OF PHYSICS LETTERS ▾ 523(2), pp.61-126	35	33	33	32	32	34.21	479
4	Neurotransmitters-Key Factors in Neurological and Neurodegenerative Disorders of the Central Nervous System Teleanu, RI; Niculescu, AG; (...); Teleanu, DM Jun 2022 INTERNATIONAL JOURNAL OF MOLECULAR SCIENCES ▾ 23(11)	0	3	43	79	185	62.6	313
5	Biodegradable Antimicrobial Food Packaging: Trends and Perspectives Motelica, L; Ficai, D; (...); Andronescu, E Oct 2020 FOODS ▾ 9(10)	45	51	57	56	58	38.71	271
6	Review of hybrid PLGA nanoparticles: Future of smart drug delivery and theranostics medicine Ghitman, J; Biru, EI; (...); Iovu, H Aug 2020 MATERIALS & DESIGN ▾ 193	42	52	47	54	47	35.14	246
7	Introduction of the circular economy within developing regions: A comparative analysis of advantages and opportunities for waste valorization Ferronato, N; Rada, EC; (...); Torretta, V Jan 15 2019 JOURNAL OF ENVIRONMENTAL MANAGEMENT ▾ 230, pp.366-378	39	46	44	38	23	30.5	244
8	Arable lands under the pressure of multiple land degradation processes. A global perspective Pravalie, R; Patriche, C; (...); Bandoc, G Mar 2021 ENVIRONMENTAL RESEARCH ▾ 194	21	34	54	59	71	39.83	239
9	Spin-Forbidden Transitions in the Spectra of Transition Metal Ions and Nephelauxetic Effect Brik, MG; Camardello, SJ; (...); Suchocki, A 2016 ECS JOURNAL OF SOLID STATE SCIENCE AND TECHNOLOGY ▾ 5(1), pp.R3067-R3077	35	30	31	19	13	20.73	228
10	Occurrence and Fate of Emerging Pollutants in Water Environment and Options for Their Removal Vasilachi, IC; Asiminicesei, DM; (...); Gavrilescu, M Jan 2021 WATER ▾ 13(2)	15	26	50	65	63	36.5	219
11	Amphiphilic Block Copolymers: Their Structures, and Self-Assembly to Polymeric Micelles and Polymersomes as Drug Delivery Vehicles Kuperkar, K; Patel, D; (...); Bahadur, P Nov 2022 POLYMERS ▾ 14(21)	0	0	35	66	90	39	195
12	Experimental energy-dependent nuclear spin distributions von Egidy, T and Bucurescu, D Nov 2009 PHYSICAL REVIEW C ▾ 80(5)	7	13	8	8	10	10.11	182
13	Burnout syndrome in Romanian medical residents in time of the COVID-19 pandemic Dimitriu, MCT; Pantea-Stoian, A; (...); Socea, B	48	52	28	21	17	25.57	179

	Nov 2020	MEDICAL HYPOTHESES	144								
14	Vector rogue waves in the Manakov system: diversity and compossibility Chen, SH and Mihalache, D May 29 2015 JOURNAL OF PHYSICS A-MATHEMATICAL AND THEORETICAL 48(21)	17	21	19	19	16	14.83	178			
15	Few-optical-cycle solitons: Modified Korteweg-de Vries sine-Gordon equation versus other non-slowly-varying-envelope-approximation models Leblond, H and Mihalache, D Jun 2009 PHYSICAL REVIEW A 79(6)	8	11	10	14	17	9.89	178			
16	Forecasting municipal solid waste generation using prognostic tools and regression analysis Ghinea, C; Dragoi, EN; (...); Gavrilescu, M Nov 1 2016 JOURNAL OF ENVIRONMENTAL MANAGEMENT 182, pp.80-93	21	24	16	12	16	14.09	155			
17	Spatial assessment of solar energy potential at global scale. A geographical approach Pravalie, R; Patriche, C and Bandoc, G Feb 1 2019 JOURNAL OF CLEANER PRODUCTION 209, pp.692-721	23	24	23	23	33	18.88	151			
18	An Overview of Biopolymeric Electrospun Nanofibers Based on Polysaccharides for Wound Healing Management Iacob, AT; Dragan, M; (...); Lupascu, D Oct 2020 PHARMACEUTICS 12(10)	24	34	35	28	28	21.43	150			
19	Biodegradable Alginate Films with ZnO Nanoparticles and Citronella Essential Oil-A Novel Antimicrobial Structure Motelica, L; Ficai, D; (...); Holban, AM Jul 2021 PHARMACEUTICS 13(7)	7	31	37	34	36	24.67	148			
20	MULTIDIMENSIONAL LOCALIZED STRUCTURES IN OPTICS AND BOSE-EINSTEIN CONDENSATES: A SELECTION OF RECENT STUDIES Mihalache, D 2014 ROMANIAN JOURNAL OF PHYSICS 59(3-4), pp.295-312	9	8	4	6	5	11.31	147			
21	Green Synthesis of Metal and Metal Oxide Nanoparticles: A Review of the Principles and Biomedical Applications Radulescu, DM; Surdu, VA; (...); Andronescu, E Oct 2023 INTERNATIONAL JOURNAL OF MOLECULAR SCIENCES 24(20)	0	0	2	54	83	35	140			
22	A MODIFIED INERTIAL SUBGRADIENT EXTRAGRADIENT METHOD FOR SOLVING PSEUDOMONOTONE VARIATIONAL INEQUALITIES AND COMMON FIXED POINT PROBLEMS Ceng, LC; Petrusel, A; (...); Yao, JC 2020 FIXED POINT THEORY 21(1), pp.93-108	17	29	36	33	19	19.86	139			
23	Microelectromechanical Systems (MEMS) for Biomedical Applications Chircov, C and Grumezescu, AM Feb 2022 MICROMACHINES 13(2)	0	6	27	42	59	27.6	138			
24	Current Strategies to Enhance Delivery of Drugs across the Blood-Brain Barrier Teleanu, RI; Preda, MD; (...); Teleanu, DM May 2022 PHARMACEUTICS 14(5)	0	9	20	44	61	27.2	136			
		26	20	18	21	22	16.13	129			

25	Recent changes in global drylands: Evidences from two major aridity databases Pravalié, R; Bandoc, G; (...); Sternberg, T Jul 2019 CATENA ▾ 178, pp.209-231							
26	Insight into the dynamics of EMHD hybrid nanofluid (ZnO/CuO-SA) flow through a pipe for geothermal energy applications Bhatti, MM; Marin, M; (...); Fudulu, IM Dec 2023 JOURNAL OF THERMAL ANALYSIS AND CALORIMETRY ▾ 148(24), pp.14261-14273	0	0	0	27	96	31.25	125
27	Applications of Chitosan-Alginate-Based Nanoparticles-An Up-to-Date Review Niculescu, AG and Grumezescu, AM Jan 2022 NANOMATERIALS ▾ 12(2)	0	16	33	36	38	25	125
28	Degradable Polymeric Bio(nano)materials and Their Biomedical Applications: A Comprehensive Overview and Recent Updates Kuperkar, K; Atanase, LI; (...); Bahadur, P Jan 2024 POLYMERS ▾ 16(2)	0	0	0	51	69	40.67	122
29	Colorectal Cancer: From Risk Factors to Oncogenesis Ionescu, VA; Gheorghe, G; (...); Diaconu, C Sep 2023 MEDICINA-LITHUANIA ▾ 59(9)	0	0	0	42	79	30.5	122
30	Characterization of heavy metal toxicity in some plants and microorganisms-A preliminary approach for environmental bioremediation Diaconu, M; Pavel, LV; (...); Gavrilesu, M May 25 2020 NEW BIOTECHNOLOGY ▾ 56, pp.130-139	22	28	21	20	18	17	119
31	Therapeutic advances of targeting receptor tyrosine kinases in cancer Tomuleasa, C; Tigu, AB; (...); Croce, CM Aug 14 2024 SIGNAL TRANSDUCTION AND TARGETED THERAPY ▾ 9(1)	0	0	0	7	109	39.33	118
32	Innovative Antimicrobial Chitosan/ZnO/Ag NPs/Citronella Essential Oil Nanocomposite - Potential Coating for Grapes Motelica, L; Ficai, D; (...); Andronesu, E Dec 2020 FOODS ▾ 9(12)	18	27	27	24	21	16.71	117
33	Universal decay rule for reduced widths Delion, DS Aug 2009 PHYSICAL REVIEW C ▾ 80(2)	6	5	13	13	6	6.39	115
34	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	6	11	14	12	12	7.06	113
35	Antibacterial Biodegradable Films Based on Alginate with Silver Nanoparticles and Lemongrass Essential Oil-Innovative Packaging for Cheese Motelica, L; Ficai, D; (...); Holban, AM Sep 2021 NANOMATERIALS ▾ 11(9)	0	23	33	28	22	18	108
36	Recent Advances in Manufacturing Innovative Stents Beshchasna, N; Saqib, M; (...); Andronesu, E Apr 2020 PHARMACEUTICS ▾ 12(4)	15	22	21	26	17	15.29	107
		3	2	5	4	2	6.5	104

37	<p>Comparative analysis of crystal field effects and optical spectroscopy of six-coordinated Mn⁴⁺ ion in the Y₂Ti₂O₇ and Y₂Sn₂O₇ pyrochlores</p> <p>Brik, MG; Srivastava, AM and Avram, NM Sep 2011 OPTICAL MATERIALS ▾ 33(11), pp.1671-1676</p>							
38	<p>A perfusion incubator liver chip for 3D cell culture with application on chronic hepatotoxicity testing</p> <p>Yu, F; Deng, RS; (...); Yu, H Nov 6 2017 SCIENTIFIC REPORTS ▾ 7</p>	19	18	9	7	13	10.3	103
39	<p>Clinical Applications of Artificial Intelligence-An Updated Overview</p> <p>Busnatu, S; Niculescu, AG; (...); Martins, H Apr 2022 JOURNAL OF CLINICAL MEDICINE ▾ 11(8)</p>	0	10	26	32	32	20	100
40	<p>COMPARING ENVIRONMENTAL IMPACTS OF NATURAL INERT AND RECYCLED CONSTRUCTION AND DEMOLITION WASTE PROCESSING USING LCA</p> <p>Simion, IM; Fortuna, ME; (...); Gavrilescu, M 2013 JOURNAL OF ENVIRONMENTAL ENGINEERING AND LANDSCAPE MANAGEMENT ▾ 21(4), pp.273-287</p>	22	10	16	6	9	7.14	100
41	<p>Analysis of Heavy Metal Impacts on Cereal Crop Growth and Development in Contaminated Soils</p> <p>Vasilachi, IC; Stoleru, V and Gavrilescu, M Oct 2023 AGRICULTURE-BASEL ▾ 13(10)</p>	0	0	0	22	72	24	96
42	<p>Deep-red to NIR mechanoluminescence in centrosymmetric perovskite MgGeO₃: Mn²⁺ for potential dynamic signature anti-counterfeiting</p> <p>Xiao, Y; Xiong, PX; (...); Yang, ZM Feb 1 2023 CHEMICAL ENGINEERING JOURNAL ▾ 453</p>	0	1	19	34	41	19.2	96
43	<p>Eco-friendly preparation of electrically conductive chitosan - reduced graphene oxide flexible bionanocomposites for food packaging and biological applications</p> <p>Barra, A; Ferreira, NM; (...); Nunes, C Mar 22 2019 COMPOSITES SCIENCE AND TECHNOLOGY ▾ 173, pp.53-60</p>	22	12	13	14	15	11.88	95
44	<p>NDVI-based ecological dynamics of forest vegetation and its relationship to climate change in Romania during 1987-2018</p> <p>Pravaliu, R; Sirodoev, I; (...); Birsan, MV Mar 2022 ECOLOGICAL INDICATORS ▾ 136</p>	0	13	18	37	25	18.6	93
45	<p>Rhizobacteria and plant symbiosis in heavy metal uptake and its implications for soil bioremediation</p> <p>Sobariu, DL; Fertu, DIT; (...); Gavrilescu, M Oct 25 2017 NEW BIOTECHNOLOGY ▾ 39, pp.125-134</p>	10	11	11	9	5	9.3	93
46	<p>Bacteriocins in the Era of Antibiotic Resistance: Rising to the Challenge</p> <p>Pircalabioru, GG; Popa, LI; (...); Chifiriuc, MC Feb 2021 PHARMACEUTICS ▾ 13(2)</p>	9	15	13	28	25	15.17	91
47	<p>Mesoporous Silica Platforms with Potential Applications in Release and Adsorption of Active Agents</p> <p>Chircov, C; Spoiala, A; (...); Turculeț, SC Sep 2020 MOLECULES ▾ 25(17)</p>	14	24	15	18	18	13	91
		2	2	0	1	1	7	91

<p>48</p>	<p>NONLINEAR OPTICS OF INTENSE FEW-CYCLE PULSES: AN OVERVIEW OF RECENT THEORETICAL AND EXPERIMENTAL DEVELOPMENTS Frantzeskakis, DJ; Leblond, H and Mihalache, D 2014 ROMANIAN JOURNAL OF PHYSICS ▾ 59(7-8), pp.767-784</p>							
<p>49</p>	<p>Novel Manifestation of α-Clustering Structures: New "$\alpha+^{208}\text{Pb}$" States in ^{212}Po Revealed by Their Enhanced $E1$ Decays Astier, A; Petkov, P; (...); Schuck, P Jan 29 2010 PHYSICAL REVIEW LETTERS ▾ 104(4)</p>	10	3	1	3	6	5.35	91
<p>50</p>	<p>Bioinspired 3D printable pectin-nanocellulose ink formulations Cernencu, AI; Lungu, A; (...); Iovu, H Sep 15 2019 CARBOHYDRATE POLYMERS ▾ 220, pp.12-21</p>	31	8	15	12	10	11.13	89

