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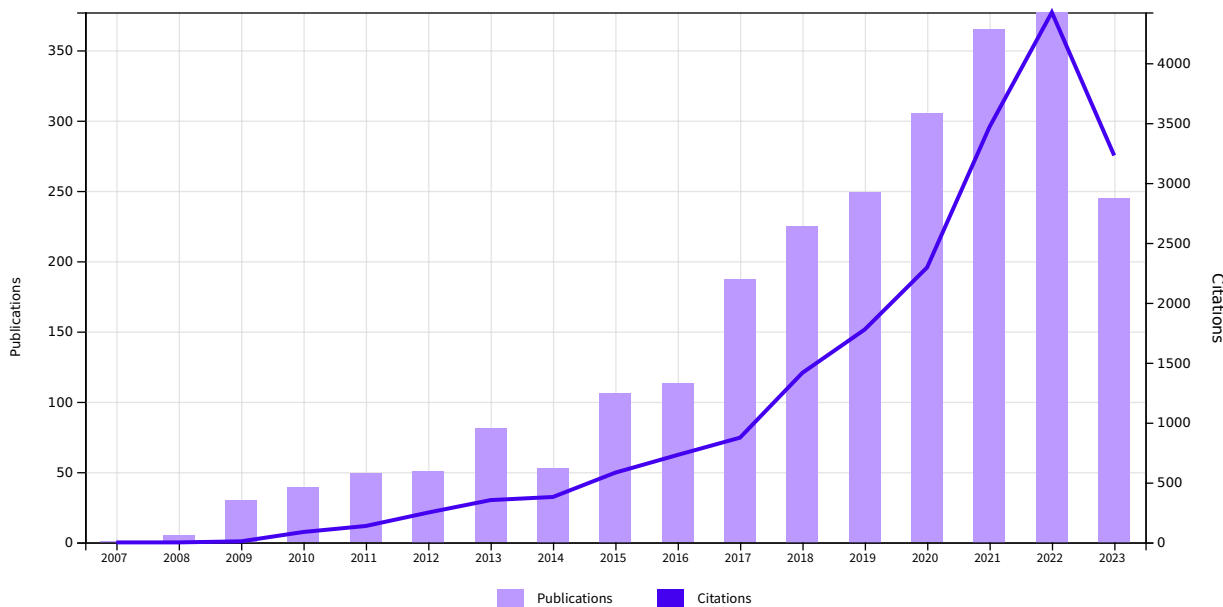
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1

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

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

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

104 105 113 99 45 72.67 654

2	Models of few optical cycle solitons beyond the slowly varying envelope approximation <a href="#">Leblond, H</a> and <a href="#">Mihalache, D</a> Feb 2013   <a href="#">PHYSICS REPORTS-REVIEW SECTION OF PHYSICS LETTERS</a> 523 (2) , pp.61-126	43	43	35	32	12	35.64	392
3	Spin-Forbidden Transitions in the Spectra of Transition Metal Ions and Nephelauxetic Effect <a href="#">Brik, MG</a> ; <a href="#">Camardello, SJ</a> ; (...); <a href="#">Suchocki, A</a> 2016   <a href="#">ECS JOURNAL OF SOLID STATE SCIENCE AND TECHNOLOGY</a> 5 (1) , pp.R3067-R3077	26	25	35	29	16	22.5	180
4	Experimental energy-dependent nuclear spin distributions <a href="#">von Egidy, T</a> and <a href="#">Bucurescu, D</a> Nov 2009   <a href="#">PHYSICAL REVIEW C</a> 80 (5)	13	7	7	13	4	10.67	160
5	Introduction of the circular economy within developing regions: A comparative analysis of advantages and opportunities for waste valorization <a href="#">Ferronato, N</a> ; <a href="#">Bada, EC</a> ; (...); <a href="#">Torretta, V</a> Jan 15 2019   <a href="#">JOURNAL OF ENVIRONMENTAL MANAGEMENT</a> 230 , pp.366-378	17	34	39	42	21	30.8	154
6	Few-optical-cycle solitons: Modified Korteweg-de Vries sine-Gordon equation versus other non-slowly-varying-envelope-approximation models <a href="#">Leblond, H</a> and <a href="#">Mihalache, D</a> Jun 2009   <a href="#">PHYSICAL REVIEW A</a> 79 (6)	17	15	8	10	5	9.4	141
7	Vector rogue waves in the Manakov system: diversity and compossibility <a href="#">Chen, SH</a> and <a href="#">Mihalache, D</a> May 29 2015   <a href="#">JOURNAL OF PHYSICS A-MATHEMATICAL AND THEORETICAL</a> 48 (21)	14	17	17	21	11	14.89	134
8	MULTIDIMENSIONAL LOCALIZED STRUCTURES IN OPTICS AND BOSE-EINSTEIN CONDENSATES: A SELECTION OF RECENT STUDIES <a href="#">Mihalache, D</a> 2014   <a href="#">ROMANIAN JOURNAL OF PHYSICS</a> 59 (3-4) , pp.295-312	9	6	9	8	2	13.4	134
9	Biodegradable Antimicrobial Food Packaging: Trends and Perspectives <a href="#">Motelica, I</a> ; <a href="#">Ficai, D</a> ; (...); <a href="#">Andronesco, E</a> Oct 2020   <a href="#">FOODS</a> 9 (10)	0	2	45	49	32	32	128
10	Burnout syndrome in Romanian medical residents in time of the COVID-19 pandemic <a href="#">Dimitriu, MCT</a> ; <a href="#">Pantea-Stoian, A</a> ; (...); <a href="#">Socea, B</a> Nov 2020   <a href="#">MEDICAL HYPOTHESES</a> 144  Enriched Cited References	0	14	48	49	16	31.75	127
11	Review of hybrid PLGA nanoparticles: Future of smart drug delivery and theranostics medicine <a href="#">Ghitman, J</a> ; <a href="#">Biru, EI</a> ; (...); <a href="#">Iovu, H</a> Aug 2020   <a href="#">MATERIALS &amp; DESIGN</a> 193	0	3	42	52	24	30.25	121
12	Forecasting municipal solid waste generation using prognostic tools and regression analysis <a href="#">Ghinea, C</a> ; <a href="#">Dragoi, EN</a> ; (...); <a href="#">Gavrilescu, M</a> Nov 1 2016   <a href="#">JOURNAL OF ENVIRONMENTAL MANAGEMENT</a> 182 , pp.80-93	18	22	20	24	10	15	120
13	Comparative analysis of crystal field effects and optical spectroscopy of six-coordinated Mn4+ ion in the Y2Ti2O7 and Y2Sn2O7 pyrochlores <a href="#">Brik, MG</a> ; <a href="#">Srivastava, AM</a> and <a href="#">Avram, NM</a> Sep 2011   <a href="#">OPTICAL MATERIALS</a> 33 (11) , pp.1671-1676	10	7	3	2	3	7.38	96
14	NONLINEAR OPTICS OF INTENSE FEW-CYCLE PULSES: AN OVERVIEW OF RECENT THEORETICAL AND EXPERIMENTAL DEVELOPMENTS <a href="#">Frantzeskakis, DJ</a> ; <a href="#">Leblond, H</a> and <a href="#">Mihalache, D</a> 2014   <a href="#">ROMANIAN JOURNAL OF PHYSICS</a> 59 (7-8) , pp.767-784	7	3	2	2	0	8.9	89
15	Universal decay rule for reduced widths <a href="#">Delion, DS</a> Aug 2009   <a href="#">PHYSICAL REVIEW C</a> 80 (2)	6	7	6	5	7	5.87	88
16	Arable lands under the pressure of multiple land degradation processes. A global perspective <a href="#">Pravaliu, B</a> ; <a href="#">Patriche, C</a> ; (...); <a href="#">Bandoc, G</a> Mar 2021   Jan 2021 (Early Access)   <a href="#">ENVIRONMENTAL RESEARCH</a> 194	0	0	21	31	34	29	87

17	<p>Open Problems in Nonlinear Conjugate Gradient Algorithms for Unconstrained Optimization</p> <p><a href="#">Andrei, N</a></p> <p>2011   <a href="#">BULLETIN OF THE MALAYSIAN MATHEMATICAL SCIENCES SOCIETY</a> 34 (2), pp.319-330</p>	14	8	6	10	8	6.31	82
18	<p>Novel Manifestation of alpha-Clustering Structures: New "alpha+Pb-208" States in Po-212 Revealed by Their Enhanced E1 Decays</p> <p><a href="#">Astier, A</a>; <a href="#">Petkov, P</a>; (...); <a href="#">Schuck, P</a></p> <p>Jan 29 2010   <a href="#">PHYSICAL REVIEW LETTERS</a> 104 (4)</p>	7	4	10	3	1	5.86	82
19	<p>Recent changes in global drylands: Evidences from two major aridity databases</p> <p><a href="#">Pravalić, R</a>; <a href="#">Bandoc, G</a>; (...); <a href="#">Sternberg, T</a></p> <p>Jul 2019   <a href="#">CATENA</a> 178, pp.209-231</p>	3	19	25	19	14	16	80
20	<p>A perfusion incubator liver chip for 3D cell culture with application on chronic hepatotoxicity testing</p> <p><a href="#">Yu, F</a>; <a href="#">Deng, RS</a>; (...); <a href="#">Yu, H</a></p> <p>Nov 6 2017   <a href="#">SCIENTIFIC REPORTS</a> 7</p>	14	19	19	17	6	11.43	80
21	<p>Spatial assessment of solar energy potential at global scale. A geographical approach</p> <p><a href="#">Pravalić, R</a>; <a href="#">Patriche, C</a> and <a href="#">Bandoc, G</a></p> <p>Feb 1 2019   <a href="#">JOURNAL OF CLEANER PRODUCTION</a> 209, pp.692-721</p>	6	18	23	21	10	15.6	78
22	<p>COMPARING ENVIRONMENTAL IMPACTS OF NATURAL INERT AND RECYCLED CONSTRUCTION AND DEMOLITION WASTE PROCESSING USING LCA</p> <p><a href="#">Simion, JM</a>; <a href="#">Fortuna, ME</a>; (...); <a href="#">Gavrilescu, M</a></p> <p>2013   <a href="#">JOURNAL OF ENVIRONMENTAL ENGINEERING AND LANDSCAPE MANAGEMENT</a> 21 (4), pp.273-287</p>	9	7	22	10	9	7.09	78
23	<p>An Overview of Biopolymeric Electrospun Nanofibers Based on Polysaccharides for Wound Healing Management</p> <p><a href="#">Iacob, AT</a>; <a href="#">Dragan, M</a>; (...); <a href="#">Lupascu, D</a></p> <p>Oct 2020   <a href="#">PHARMACEUTICS</a> 12 (10)</p>	0	1	23	34	18	19	76
24	<p>Rhizobacteria and plant symbiosis in heavy metal uptake and its implications for soil bioremediation</p> <p><a href="#">Sobariu, DI</a>; <a href="#">Fertu, DI</a>; (...); <a href="#">Gavrilescu, M</a></p> <p>Oct 25 2017   <a href="#">NEW BIOTECHNOLOGY</a> 39, pp.125-134</p>	19	17	10	11	5	10.43	73
25	<p>Characterization of heavy metal toxicity in some plants and microorganisms-A preliminary approach for environmental bioremediation</p> <p><a href="#">Diaconu, M</a>; <a href="#">Pavel, IV</a>; (...); <a href="#">Gavrilescu, M</a></p> <p>May 25 2020   <a href="#">NEW BIOTECHNOLOGY</a> 56, pp.130-139</p>	0	10	22	28	12	18	72
26	<p>Occurrence and Fate of Emerging Pollutants in Water Environment and Options for Their Removal</p> <p><a href="#">Vasilachi, IG</a>; <a href="#">Asiminicesei, DM</a>; (...); <a href="#">Gavrilescu, M</a></p> <p>Jan 2021   <a href="#">WATER</a> 13 (2)</p>	0	0	15	26	28	23	69
27	<p>Optical, morphological and electrical studies of thermally vacuum evaporated CdTe thin films for photovoltaic applications</p> <p><a href="#">Toma, G</a>; <a href="#">Ion, L</a>; (...); <a href="#">Antohe, S</a></p> <p>Oct 2014   <a href="#">SOLAR ENERGY</a> 108, pp.51-60</p>	10	9	6	8	5	6.9	69
28	<p>A MODIFIED INERTIAL SUBGRADIENT EXTRAGRADIENT METHOD FOR SOLVING PSEUDOMONOTONE VARIATIONAL INEQUALITIES AND COMMON FIXED POINT PROBLEMS</p> <p><a href="#">Ceng, LG</a>; <a href="#">Petrusel, A</a>; (...); <a href="#">Yao, JC</a></p> <p>2020   <a href="#">FIXED POINT THEORY</a> 21 (1), pp.93-108</p>	0	4	17	29	17	16.75	67
29	<p>An Overview of Oxidative Stress, Neuroinflammation, and Neurodegenerative Diseases</p> <p><a href="#">Teleanu, DM</a>; <a href="#">Niculescu, AG</a>; (...); <a href="#">Teleanu, RI</a></p> <p>Jun 2022   <a href="#">INTERNATIONAL JOURNAL OF MOLECULAR SCIENCES</a> 23 (11)</p>	0	0	0	20	44	32.5	65
30	<p>Effects of the fractional order and magnetic field on the blood flow in cylindrical domains</p> <p><a href="#">Shah, NA</a>; <a href="#">Vieru, D</a> and <a href="#">Fetecau, C</a></p> <p>Jul 1 2016   <a href="#">JOURNAL OF MAGNETISM AND MAGNETIC MATERIALS</a> 409, pp.10-19</p>	8	9	14	11	3	8.13	65
31	<p>Aspects Regarding the Pharmaceutical Waste Management in Romania</p> <p><a href="#">Bungau, S</a>; <a href="#">Tit, DM</a>; (...); <a href="#">Bustea, C</a></p> <p>Aug 2018   <a href="#">SUSTAINABILITY</a> 10 (8)</p>	15	14	17	8	7	10.67	64

32	<p>Innovative Antimicrobial Chitosan/ZnO/Ag NPs/Citronella Essential Oil Nanocomposite - Potential Coating for Grapes</p> <p>Motelica, L.; Ficali, D.; (...); Andronescu, E Dec 2020   <a href="#">EQODS</a> 9 (12)</p> <p> Enriched Cited References</p>	0	0	18	25	20	15.75	63
33	<p>Bioinspired 3D printable pectin-nanocellulose ink formulations</p> <p>Cernescu, Al; Lungu, A; (...); Iovu, H Sep 15 2019   <a href="#">CARBOHYDRATE POLYMERS</a> 220, pp.12-21</p>	1	12	31	9	10	12.6	63
34	<p>Toward a new description of triaxial nuclei</p> <p>Raduta, AA and Buganu, P Mar 14 2011   <a href="#">PHYSICAL REVIEW C</a> 83 (3)</p>	2	6	6	4	1	4.85	63
35	<p>Studies and Investigation about the Attitude towards Sustainable Production, Consumption and Waste Generation in Line with Circular Economy in Romania</p> <p>Lakatos, ES; Cioca, LI; (...); Barsan, G Mar 2018   <a href="#">SUSTAINABILITY</a> 10 (3)</p>	12	8	16	15	2	10.33	62
36	<p>Modeling and simulation of high pressure water scrubbing technology applied for biogas upgrading</p> <p>Cozma, P; Wukovits, W; (...); Gavrilescu, M Feb 2015   <a href="#">CLEAN TECHNOLOGIES AND ENVIRONMENTAL POLICY</a> 17 (2), pp.373-391</p>	8	12	6	15	2	6.78	61
37	<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   <a href="#">COMPOSITES SCIENCE AND TECHNOLOGY</a> 173, pp.53-60</p>	4	15	22	12	7	12	60
38	<p>Effects of formation properties in one-proton radioactivity</p> <p>Qi, C; Delion, DS; (...); Wyss, R Jan 30 2012   <a href="#">PHYSICAL REVIEW C</a> 85 (1)</p>	4	7	11	13	3	4.92	59
	<p>Biodegradable Alginate Films with ZnO Nanoparticles and Citronella Essential Oil-A Novel Antimicrobial Structure</p>							