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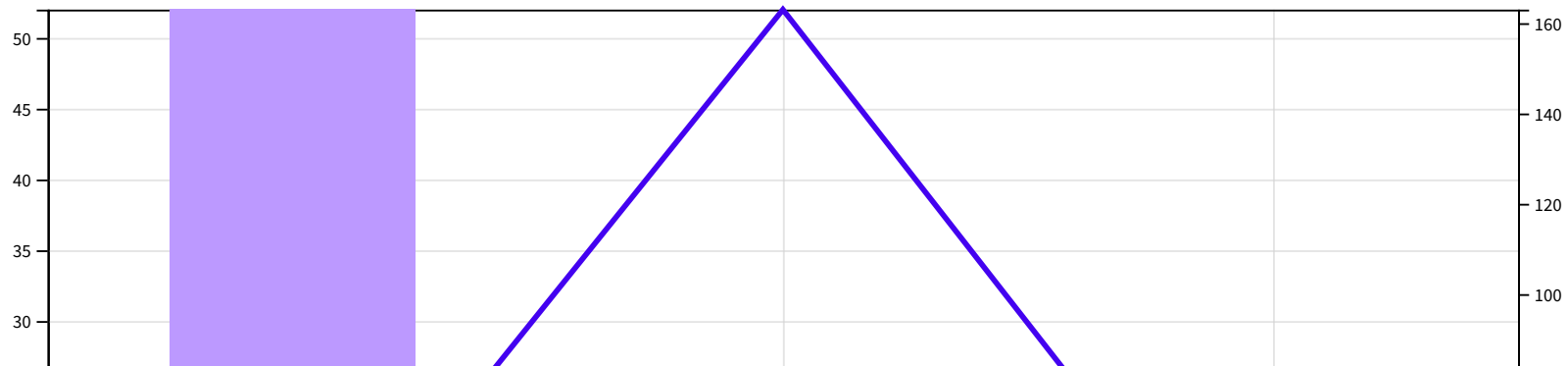
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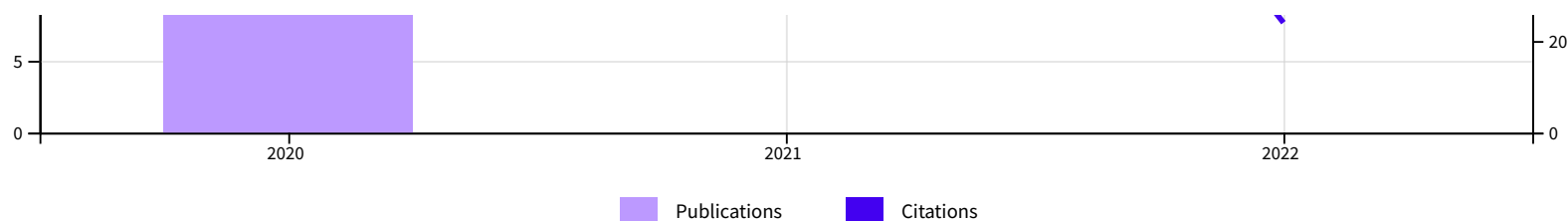
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52 Publications		Sort by: Citations: highest first		1 of 2		Citations						
						Back			Forward		Average per year	Total
						2018	2019	2020	2021	2022		
Total		0	0	28	163	24	71.67	215				
⊖ 1	Ecofriendly green inhibitor from Hemerocallis fulva against aluminum corrosion in sulphuric acid medium Chung, JM; Malathy, R; (...); Gopiraman, M Jul 17 2020 Jan 2020 (Early Access) JOURNAL OF ADHESION SCIENCE AND TECHNOLOGY 34 (14) , pp.1483-1506	0	0	5	15	1	7	21				
⊖ 2	Inhibition of mild steel corrosion using Magnolia kobus extract in sulphuric acid medium Chung, JM; Malathy, R; (...); Prabakaran, M Dec 2020 MATERIALS TODAY COMMUNICATIONS 25	0	0	0	18	2	6.67	20				
⊖ 3	Experimental and computational approaches on the pyran derivatives for acid corrosion Saranya, J; Benhiba, E; (...); Chitra, S	0	0	4	15	1	6.67	35				


	AlaguVibisha, G ; Nayak, JK ; (...); Jha, R May 15 2020 OPTICS COMMUNICATIONS 463							
5	Transition metal complexes of novel binuclear Schiff base derived from 3,3'-diaminobenzidine: synthesis, characterization, thermal behavior, DFT, antimicrobial and molecular docking studies Radha, VP ; Chitra, S ; (...); Prabakaran, M Mar 18 2020 Apr 2020 (Early Access) JOURNAL OF COORDINATION CHEMISTRY 73 (6) , pp.1009-1027	0	0	4	7	3	4.67	14
6	The Influence of Swelling on Elastic Properties of Polyacrylamide Hydrogels Subramani, R ; Izquierdo-Alvarez, A ; (...); Van Oosterwyck, H Jul 23 2020 FRONTIERS IN MATERIALS 7 Enriched Cited References	0	0	0	10	0	3.33	10
7	Green synthesis of silver nanoparticles (Ag NPs) using Gomphrena globosa (Globe amaranth) leaf extract and their characterization Tamilarasi, P and Meena, P 2nd International conference on Advanced Materials - Materials for a Better Living (SCICON) 2020 MATERIALS TODAY-PROCEEDINGS 33 , pp.2209-2216	0	0	3	6	0	3	9
8	Synthesis, characterization, and NH3 gas sensing application of Zn doped cobalt oxide nanoparticles Jincy, CS and Meena, P Oct 2020 INORGANIC CHEMISTRY COMMUNICATIONS 120	0	0	0	6	2	2.67	8
9	Chitosan assisted Fe-Al double layered hydroxide/reduced graphene oxide composites for As(V) removal Priya, VN ; Rajkumar, M ; (...); Sibi, SPL Sep 1 2020 MATERIALS CHEMISTRY AND PHYSICS 251	0	0	1	6	0	2.33	7
10	Anti-corrosive potential of Cyperus rotundus as a viable corrosion inhibitor for mild steel in sulphuric acid Anitha, R ; Unnisa, CBN ; (...); Mayakrishnan, P Apr 15 2020 Apr 2020 (Early Access) PIGMENT & RESIN TECHNOLOGY 49 (4) , pp.295-304	0	0	1	5	1	2.33	35 

12	Manoj, M; Mangalaraj, D; (...); Yuan, AH Jan 2020 MATERIALS RESEARCH EXPRESS 7 (1)	0	0	2	5	0	2.33	7
13	Utilization of biowaste as an eco-friendly biodegradable corrosion inhibitor for mild steel in 1 mol/L HCl solution Hemapriya, V; Prabakaran, M; (...); Chung, IM Dec 2020 ARABIAN JOURNAL OF CHEMISTRY 13 (12) , pp.8684-8696	0	0	0	5	1	2	6
14	Morphology oriented CuS nanostructures: superior K-ion storage using surface enhanced pseudocapacitive effects Nithya, C and Thiyagaraj, G Jul 1 2020 SUSTAINABLE ENERGY & FUELS 4 (7) , pp.3574-3587	0	0	2	4	0	2	6
15	Electrochemical studies on crystalline CuS as an electrode material for non-aqueous Na-ion capacitors Goswami, M; Nithya, C; (...); Kumar, S Apr 14 2020 NEW JOURNAL OF CHEMISTRY 44 (14) , pp.5278-5284	0	0	1	5	0	2	6
16	Cu ₂ FeSnS ₄ nanoparticles: potential photovoltaic absorption materials for solar cell application Deepika, R and Meena, P Mar 2020 MATERIALS RESEARCH EXPRESS 7 (3)	0	0	1	4	1	2	6
17	Tetradentate Schiff Base Complexes of Transition Metals for Antimicrobial Activity Saranya, J; Kirubavathy, SJ; (...); Ravikiran, B Jun 2020 Feb 2020 (Early Access) ARABIAN JOURNAL FOR SCIENCE AND ENGINEERING 45 (6) , pp.4683-4695	0	0	1	4	1	2	6
18	Towards Mimicking the Fetal Liver Niche: The Influence of Elasticity and Oxygen Tension on Hematopoietic Stem/Progenitor Cells Cultured in 3D Fibrin Hydrogels Garcia-Abrego, C; Zaunz, S; (...); Patterson, J	0	0	0	4	1	1.67	5



21	<p>Fe₂O₃/polyaniline supramolecular nanocomposite: A receptor free sensor platform for the quantitative determination of serum creatinine</p> <p>Sriramprabha, R; Sekar, M; (...); Wilson, J</p> <p>Nov 15 2020 ANALYTICA CHIMICA ACTA 1137 , pp.103-114</p>	0	0	0	4	0	1.33	4
22	<p>Synthesis, structure, biological/chemosensor evaluation and molecular docking studies of aminobenzothiazole Schiff bases</p> <p>Suyambulingam, JK; Karvembu, R; (...); Chung, JM</p> <p>Dec 1 2020 Jun 2020 (Early Access) JOURNAL OF ADHESION SCIENCE AND TECHNOLOGY 34 (23) , pp.2590-2612</p>	0	0	0	3	1	1.33	4
23	<p>Binary Metal oxide Adsorbed Graphene Modified Glassy Carbon Electrode for Detection of Riboflavin</p> <p>Grace, AA; Thillaiarasi, S and Dharuman, V</p> <p>Apr 2021 Dec 2020 (Early Access) ELECTROANALYSIS 33 (4) , pp.993-1006</p>	0	0	0	2	1	1	3
24	<p>ACTIVE-POLYPHENOLIC-COMPOUNDS-RICH GREEN INHIBITOR FOR THE SURFACE PROTECTION OF LOW CARBON STEEL IN ACIDIC MEDIUM</p> <p>Chung, JM; Hemapriya, V; (...); Prabakaran, M</p> <p>Jun 2020 SURFACE REVIEW AND LETTERS 27 (6)</p>	0	0	1	2	0	1	3
25	<p>Floxacin: as Mediators in Enhancing the Corrosion Inhibition Efficiency of Natural Polymer Dextrin</p> <p>Devi, GN; Unnisa, CBN; (...); Prabakaran, M</p> <p>Jun 2020 MACROMOLECULAR RESEARCH 28 (6) , pp.558-566</p>	0	0	0	2	0	0.67	35 

29	<p>Role of graphene oxide/yttrium oxide nanocomposites as a cathode material for natural dye-sensitized solar cell applications</p> <p>Shanmugapriya, T and Balavijayalakshmi, J Mar 2021 Nov 2020 (Early Access) ASIA-PACIFIC JOURNAL OF CHEMICAL ENGINEERING 16 (2)</p>	0	0	0	0	1	0.33	1
30	<p>Nano-hydroxyapatite (HAp) and hydroxyapatite/platinum (HAp/Pt) core shell nanorods: Development, structural study, and their catalytic activity</p> <p>Murugesan, M; Krishnamurthy, V; (...); Yuan, AH Jan 2021 Oct 2020 (Early Access) CANADIAN JOURNAL OF CHEMICAL ENGINEERING 99 (1) , pp.268-280</p> <p>Enriched Cited References</p>	0	0	0	1	0	0.33	1
31	<p>Effect of peptidic backbone on the nucleic acid dimeric strands</p> <p>Indumathi, K; Abiram, A and Praveena, G Jan 2 2020 MOLECULAR PHYSICS 118 (1)</p> <p>Enriched Cited References</p>	0	0	0	0	1	0.33	1
32	<p>Tight focusing properties of phase modulated azimuthally polarized doughnut Gaussian vortex beam by high NA parabolic mirror</p> <p>Umamageswari, N; Lavanya, M; (...); Jaroszewicz, Z</p>	0	0	0	1	0	0.33	35 

36	<p>Diversity of Arbuscular Mycorrhizal Fungi in Shola Forests of Kodaikanal, Southern India</p> <p>Sathiyadash, K; Jabeen, JA; (...); Uma, EP</p> <p>Oct 2020 INTERNATIONAL JOURNAL OF LIFE SCIENCE AND PHARMA RESEARCH 10 (4) , pp.L109-L116</p>	0	0	0	0	0	0	0
37	<p>Efficiency Studies of Galinsoga Parviflora Pigments as a Sensitizer in Pt Free Graphene Oxide/Nickel Oxide Counter Electrode: Dye Sensitized Solar Cell Applications</p> <p>Shanmugapriya, T and Balavijayalakshmi, J</p> <p>Sep 2021 Sep 2020 (Early Access) JOURNAL OF CLUSTER SCIENCE 32 (5) , pp.1277-1288</p> <p>Enriched Cited References</p>	0	0	0	0	0	0	0
38	<p>BSA adsorption, anthelmintic activity and swelling behavior of poly (N-cyclohexyl acrylamide-co-AMPS IL)hydrogel</p> <p>Kayalvizhy, E; Rajan, MS and Pazhanisamy, P</p> <p>Sep 15 2020 JOURNAL OF MOLECULAR LIQUIDS 314</p>	0	0	0	0	0	0	35 

<p>234 (22) , pp.4543-4553</p> <p>Enriched Cited References</p>							
44	<p>Dielectric and conductivity properties of flux grown Ce doped NBT-BT single crystals</p> <p>Sundari, SS; Kumar, B and Dhanasekaran, R Apr 1 2020 PHYSICA B-CONDENSED MATTER 582</p>	0	0	0	0	0	0
45	<p>Optical and biological characteristics of novel organic single crystal 4-chloro N-methyl 4-stilbazolium tosylate</p> <p>Arunadevi, N; Kanchana, P; (...); Sundari, SS 2nd International conference on Advanced Materials - Materials for a Better Living (SCICON) 2020 MATERIALS TODAY-PROCEEDINGS 33 , pp.2244-2250</p>	0	0	0	0	0	35 