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PSGR krishnammal (All Fields)

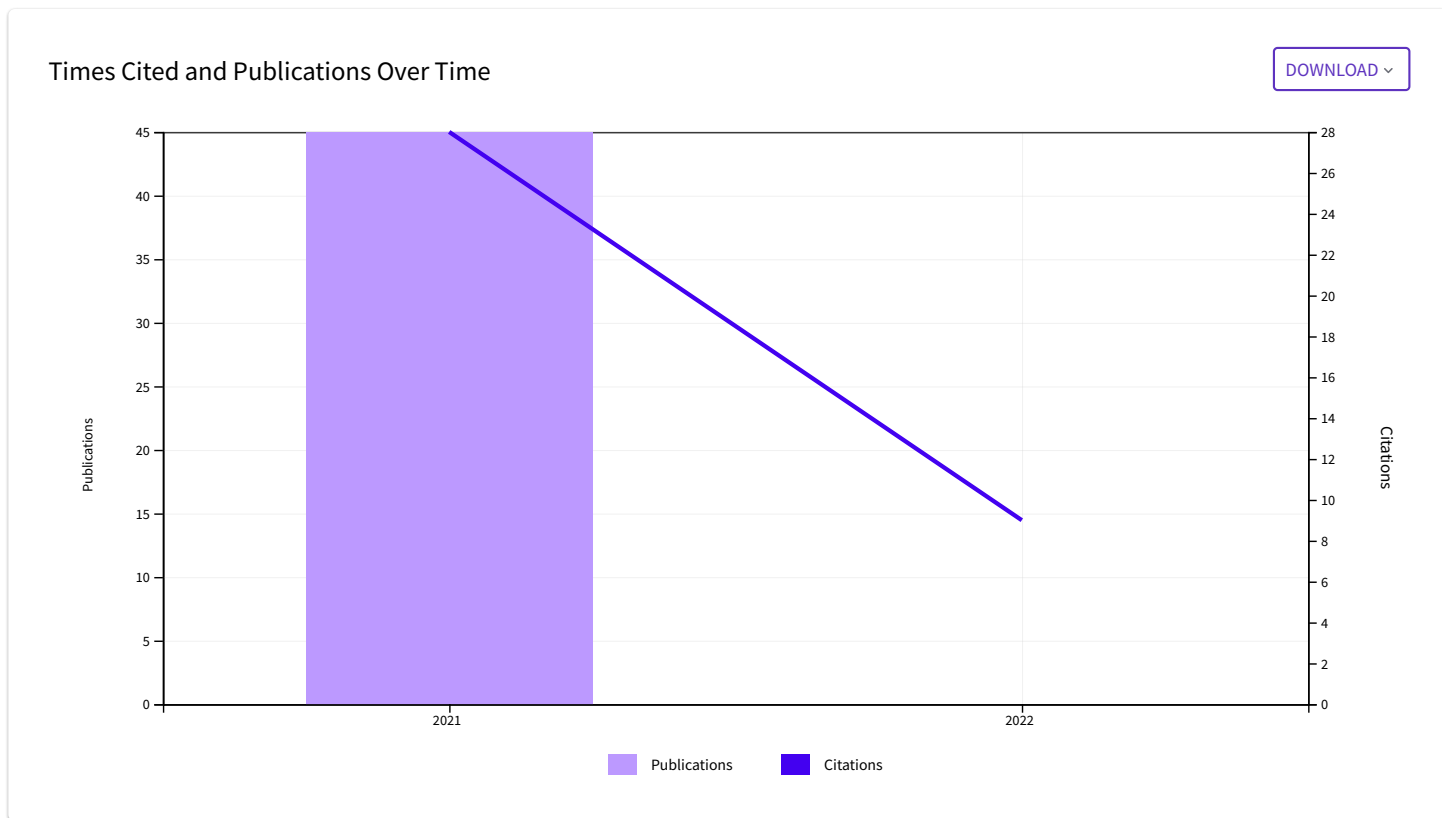
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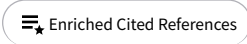
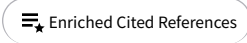
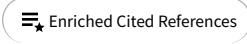
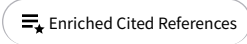
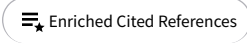
<p>Publications</p> <p>45 Total</p> <p>From 1900 to 2022</p>	<p>Citing Articles</p> <p>35 Analyze Total</p> <p>34 Analyze Without self-citations</p>	<p>Times Cited</p> <p>37 Total</p> <p>0.82 Average per item</p> <p>36 Without self-citations</p>	<p>3 H-Index</p>
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45 Publications	Sort by: Citations: highest first	Citations						
		< Back Forward >					Average per year	Total
		2018	2019	2020	2021	2022		
Total		0	0	0	28	9	18.5	37
1 Synthesis, characterization of gelatin assisted ZnO and its effective utilization of toxic azo dye degradation under direct sunlight		0	0	0	6	1	3.5	35

	Krishnakumar, B; Alsalmeh, A; (...); Sobral, AJFN Mar 2021 OPTICAL MATERIALS 113								
2	Natural fuels (Honey and Cow urine) assisted combustion synthesis of zinc oxide nanoparticles for antimicrobial activities Ranjithkumar, B; Ramalingam, HB; (...); Shekar, BC May 15 2021 CERAMICS INTERNATIONAL 47 (10) , pp.14475-14481	0	0	0	4	0	2	4	
3	Evaluation of structural, surface morphological and thermal properties of Ag-doped ZnO nanoparticles for antimicrobial activities Ranjithkumar, B; Kumar, ER; (...); ChandarShekar, B Sep 2021 PHYSICA E-LOW-DIMENSIONAL SYSTEMS & NANOSTRUCTURES 133	0	0	0	2	1	1.5	3	
4	Inhibitory effect of biowaste on copper corrosion in 1 M HCl solution Hemapriya, V; Chung, IM; (...); Prabakaran, M Jun 2021 MATERIALS TODAY COMMUNICATIONS 27	0	0	0	3	0	1.5	3	
5	Evaluation of gas sensor behaviour of Sm ³⁺ doped TiO ₂ nanoparticles Nithya, N; Kumar, ER; (...); Rahale, CS Jun 2021 May 2021 (Early Access) JOURNAL OF MATERIALS SCIENCE-MATERIALS IN ELECTRONICS 32 (12) , pp.16854-16865	0	0	0	1	2	1.5	3	
	 Enriched Cited References								
6	Effects of Nd doping on structural, optical, morphological and surface-chemical state analysis of ZnO nanoparticles for antimicrobial and anticancer activities Indumathi, T; Theivarasu, C; (...); Kumar, ER Apr 2021 SURFACES AND INTERFACES 23	0	0	0	2	1	1.5	3	
7	Inhibitory action of Macaranga peltata leaves extract on the corrosion of mild steel in 0.5 M sulphuric Acid- Quantum chemical approach Athul, KK; Thilagavathy, P and Nalini, D 1st International Conference on Frontiers in Chemical Sciences (ICFCS) 2021 MATERIALS TODAY-PROCEEDINGS 47 , pp.858-862	0	0	0	3	0	1.5	3	
8	Structural, optical, thermal, biological and molecular docking studies of guanidine based naphthoate metal complexes Arunadevi, N; Swathika, M; (...); Kumar, ER Jun 2021 SURFACES AND INTERFACES 24	0	0	0	1	1	1	2	
9	Quinoxaline derivatives as anticorrosion additives for metals Saranya, J; Lavanya, K; (...); Chitra, S Apr 2021 CORROSION REVIEWS 39 (2) , pp.79-92	0	0	0	1	1	1	2	
10	Multi-layer patch with aligned poly (acrylonitrile-co-acrylic acid) nanofibers for lactate detection in human sweat Kumar, GS; Soorya, V; (...); Bhattacharyya, A Jan 15 2021 MATERIALS LETTERS 283	0	0	0	2	0	1	2	
11	Screening, detection and antimicrobial susceptibility of multi-drug resistant pathogens from the clinical specimens Kabeerdass, N; Krishnamoorthy, S; (...); Mathanmohun, M 12th National Web Conference on Recent Advancements in Biomedical Engineering (NCRABE) 2021 MATERIALS TODAY-PROCEEDINGS 47 , pp.461-467	0	0	0	2	0	1	2	
12	Characterization of Potential Plant Growth Promoting Rhizobacteria Isolated from Rhizospheric soil of Banana (Musa paradisiaca L.) Gajalakshmi, K and Dhivya, K May 2021 RESEARCH JOURNAL OF BIOTECHNOLOGY 16 (5) , pp.140-145	0	0	0	1	0	0.5	1	
13	Synthesis of Cu doped cobalt oxide nanoparticles as ammonia gas sensor operating at room temperature Jincy, CS and Meena, P International Conference on Advanced Materials Behavior and Characterization (ICAMBC) 2021 MATERIALS TODAY-PROCEEDINGS 43 , pp.2459-2463	0	0	0	0	1	0.5	1	
		0	0	0	0	1	0.5		



14	<p>Luminescence cobalt (II) complexes: Synthesis, characterization, photophysical and DFT study</p> <p>Priyadarshini, GS and Selvi, G 4th International Conference on Recent Advances in Material Chemistry (ICRAMC) 2021 MATERIALS TODAY-PROCEEDINGS 40 , pp.S19-S27</p>							
15	<p>Controllability of higher order stochastic fractional control delay systems involving damping behavior</p> <p>Arthi, G and Suganya, K Dec 1 2021 APPLIED MATHEMATICS AND COMPUTATION 410</p>	0	0	0	0	0	0	0
16	<p>Sensitivity enhancement of SPR sensor using Ni/ZnO nanocomposite assisted with graphene</p> <p>Maheswari, P; Subanya, S; (...); Jha, R Dec 2021 OPTICAL AND QUANTUM ELECTRONICS 53 (12)</p> <p> Enriched Cited References</p>	0	0	0	0	0	0	0
17	<p>Glyceral Trinitrate: As Potential Corrosion Protector for Mild Steel in Acid Medium Along with Paint-coated Steel in a Saline Environment</p> <p>Menaga, M; Ramkumar, S and Nalini, D Dec 2021 ORIENTAL JOURNAL OF CHEMISTRY 37 (6) , pp.1421-1428</p>	0	0	0	0	0	0	0
18	<p>A scientific pharmacognosy on Gaucher's disease: an in silico analysis</p> <p>Sasikumar, AP; Ramaswamy, S and Sudhir, S Nov 2021 (Early Access) ENVIRONMENTAL SCIENCE AND POLLUTION RESEARCH</p> <p> Enriched Cited References</p>	0	0	0	0	0	0	0
19	<p>Studies on Syntheses, Spectral, Thermal and Hydrophobic Behavior of Cardanol Based Tetra Functional Benzoxazines</p> <p>Midhina, TJ; Hariharan, A; (...); Alagar, M Nov 2021 POLYMER SCIENCE SERIES A 63 (6) , pp.679-689</p> <p> Enriched Cited References</p>	0	0	0	0	0	0	0
20	<p>Cobalt tetrphosphate as an efficient bifunctional electrocatalyst for hybrid sodium-air batteries</p> <p>Murugesan, C; Panjalingam, SP; (...); Barpanda, P Nov 2021 NANO ENERGY 89</p>	0	0	0	0	0	0	0
21	<p>Controllability of higher-order fractional damped stochastic systems with distributed delay</p> <p>Arthi, G; Suganya, K and Ma, YK Oct 28 2021 ADVANCES IN DIFFERENCE EQUATIONS 2021 (1)</p> <p> Enriched Cited References</p>	0	0	0	0	0	0	0
22	<p>Targeting the ENV spike protein of HIV with naturally occurring compounds: an in-silico study for drug designing</p> <p>Sreeram, S; Sathishkumar, R and Amritha, PS Oct 2021 (Early Access) ADVANCES IN TRADITIONAL MEDICINE</p> <p> Enriched Cited References</p>	0	0	0	0	0	0	0
23	<p>Perlite impregnated with HPA/alpha-Fe2O3: Magnetically separable catalyst for the synthesis of 3,3,6,6-tetramethyl-9-substituted-3,4,6,7-tetrahydro-2H-xanthene-1,8-(5H,9H)-diones</p> <p>Lakshminarayanan, K; Parasuraman, A; (...); Kang, M Oct 2021 JOURNAL OF PHYSICS AND CHEMISTRY OF SOLIDS 157</p>	0	0	0	0	0	0	0
24	<p>Pharmacological Studies on Novel Triazino Quinolines</p> <p>Namitha, R; Priyadarshini, GS and Selvi, G Oct 2021 ADVANCES IN PHARMACOLOGY AND PHARMACY 9 (4) , pp.81-86</p>	0	0	0	0	0	0	0
	<p>2-Methylimidazolium pyridine-2,5-dicarboxylato zinc(II) dihydrate: Synthesis, characterization, DNA interaction, anti-microbial, anti-oxidant</p>	0	0	0	0	0	0	0

25	<p>and anti-breast cancer studies</p> <p>Sudha, D; Vairam, S; (...); Kirubavathy, SJ Dec 17 2021 Sep 2021 (Early Access) JOURNAL OF COORDINATION CHEMISTRY 74 (16) , pp.2701-2719</p> <p>Enriched Cited References</p>								
26	<p>An Amalgam of Mg-Doped TiO₂ Nanoparticles Prepared by Sol-Gel Method for Effective Antimicrobial and Photocatalytic Activity</p> <p>Nithya, N; Gopi, S and Bhoopathi, G Dec 2021 Sep 2021 (Early Access) JOURNAL OF INORGANIC AND ORGANOMETALLIC POLYMERS AND MATERIALS 31 (12) , pp.4594-4607</p> <p>Enriched Cited References</p>	0	0	0	0	0	0	0	0
27	<p>Controllability of non-linear fractional-order systems with damping behaviour and multiple delays</p> <p>Arthi, G and Suganya, K Sep 2021 IMA JOURNAL OF MATHEMATICAL CONTROL AND INFORMATION 38 (3) , pp.794-821</p>	0	0	0	0	0	0	0	0
28	<p>Molecular Insights on the Dihydrogen Bond Properties of Metal Borohydride Complexes upon Ammoniation</p> <p>Arumugam, S; Angamuthu, A and Gopalan, P Sep 1 2021 ECS JOURNAL OF SOLID STATE SCIENCE AND TECHNOLOGY 10 (9)</p> <p>Enriched Cited References</p>	0	0	0	0	0	0	0	0
29	<p>Complexes of criegee intermediate CH₂OO with CO, CO₂, H₂O, SO₂, NO₂, CH₃OH, HCOOH and CH₃CH(3)CO molecules - A DFT study on bonding, energetics and spectra</p> <p>Shyama, M; Cheviri, M; (...); Lakshmipathi, S Sep 2021 COMPUTATIONAL AND THEORETICAL CHEMISTRY 1203</p>	0	0	0	0	0	0	0	0
30	<p>Energy flux density for higher-order cylindrical vector vortex beam tightly focused through a dielectric interface</p> <p>Lavanya, M; Thiruarul, D; (...); Jaroszewicz, Z Dec 2021 Aug 2021 (Early Access) JOURNAL OF OPTICS-INDIA 50 (4) , pp.548-558</p>	0	0	0	0	0	0	0	0
31	<p>Platinum Layers Sandwiched Between Black Phosphorous and Graphene for Enhanced SPR Sensor Performance</p> <p>Pandaram, M; Santhanakumar, S; (...); Jaroszewicz, Z Aug 2021 (Early Access) PLASMONICS</p> <p>Enriched Cited References</p>	0	0	0	0	0	0	0	0
32	<p>Examining Volatility Spillover Between Foreign Exchange Markets and Stock Markets of Countries such as BRICS Countries</p> <p>Singh, D; Theivanayaki, M and Ganeshwari, M Jun 2021 (Early Access) GLOBAL BUSINESS REVIEW</p>	0	0	0	0	0	0	0	0
33	<p>Aminothiazolyl coumarin derivatives as effectual inhibitors to alleviate corrosion on mild steel in 0.5 M H₂SO₄</p> <p>Mahalakshmi, D; Saranya, J; (...); Chitra, S Sep 2021 Jun 2021 (Early Access) JOURNAL OF APPLIED ELECTROCHEMISTRY 51 (9) , pp.1323-1344</p>	0	0	0	0	0	0	0	0
34	<p>Study of Some Physicochemical Properties of Microwave-Sintered Al³⁺-Doped Ni-Zn Ferrites for Gas Sensor Applications</p> <p>Sekhar, EC; Sreenivasulu, M; (...); Magesh, G Aug 2021 May 2021 (Early Access) JOURNAL OF SUPERCONDUCTIVITY AND NOVEL MAGNETISM 34 (8) , pp.2079-2091</p> <p>Enriched Cited References</p>	0	0	0	0	0	0	0	0
35	<p>Synthesis and crystal growth of cadmium naphthoate crystal for second order non-linear optics and cytotoxic activity</p> <p>Arunadevi, N; Kanchana, P; (...); Mayakrishnan, P</p>	0	0	0	0	0	0	0	0

	<p>May 2021 (Early Access) JOURNAL OF DISPERSION SCIENCE AND TECHNOLOGY</p> <p> Enriched Cited References</p>						
36	<p>Standardization of a protocol for micropropagation of <i>Eupatorium glandulosum</i> L. an important medicinal plant</p> <p>Nithya, V and Kamalam, M Aug 2021 Apr 2021 (Early Access) PLANT CELL TISSUE AND ORGAN CULTURE 146 (2) , pp.339-344</p> <p> Enriched Cited References</p>	0	0	0	0	0	0
37	<p>Electrochemical studies on crystalline CuS as an electrode material for non-aqueous Na-ion capacitors (vol 44, pg 5278, 2020)</p> <p>Goswami, M; Nithya, C; (...); Kumar, S Mar 21 2021 NEW JOURNAL OF CHEMISTRY 45 (11) , pp.5272-5272</p>	0	0	0	0	0	0
38	<p>Creation of one dimensional array of magnetic field by tightly focused phase modulated azimuthal and radial variant vector beam</p> <p>Udhayakumar, M; Lavanya, M; (...); Jaroszewicz, Z Mar 1 2021 OPTICS COMMUNICATIONS 482</p>	0	0	0	0	0	0
39	<p>Finite-time stability of multiterm fractional nonlinear systems with multistate time delay</p> <p>Arthi, G; Brindha, N and Ma, YK Feb 6 2021 ADVANCES IN DIFFERENCE EQUATIONS 2021 (1)</p> <p> Enriched Cited References</p>	0	0	0	0	0	0
40	<p>Dye sensitized solar cell action of Sn(IV)tetrakis(4-pyridyl) porphyrins as a function of axial ligation and pyridine protonation</p> <p>Jayachandran, P; Angamuthu, A and Gopalan, P Jul 2021 Jan 2021 (Early Access) JOURNAL OF THE IRANIAN CHEMICAL SOCIETY 18 (7) , pp.1523-1536</p> <p> Enriched Cited References</p>	0	0	0	0	0	0
41	<p>Linear Stability of Thermo Convection in a Nanofluid Through a Porous Medium</p> <p>Aiswarya, S 2021 COMMUNICATIONS IN MATHEMATICS AND APPLICATIONS 12 (3) , pp.677-689</p>	0	0	0	0	0	0
42	<p>Inhibitive effect of an alcoholic extract of a seaweed <i>Sargassum Muticum</i> in controlling corrosion of mild steel in 0.5 N HCl</p> <p>Jeslina, V; Kirubavathy, SJ; (...); Joany, RM 2021 INTERNATIONAL JOURNAL OF CORROSION AND SCALE INHIBITION 10 (4) , pp.1454-1473</p>	0	0	0	0	0	0
43	<p>A study on improved synthetic strategy for novel triazino quinoline and its nonlinear optical properties</p> <p>Namitha, R; Elakkiya, S and Selvi, G 4th International Conference on Recent Advances in Material Chemistry (ICRAMC) 2021 MATERIALS TODAY-PROCEEDINGS 40 , pp.S107-S116</p>	0	0	0	0	0	0
44	<p>Ag-Ni bimetallic film on CaF2 prism for high sensitive surface plasmon resonance sensor</p> <p>Nisha, A; Maheswari, P; (...); Jaroszewicz, Z 2021 PHOTONICS LETTERS OF POLAND 13 (3) , pp.58-60</p>	0	0	0	0	0	0
45	<p>Cheminformatic scrutiny of some heterocyclic compounds for their corrosion protective capability</p> <p>Ramkumar, S; Nalini, D; (...); Chauhan, DS 2021 INTERNATIONAL JOURNAL OF CORROSION AND SCALE INHIBITION 10 (4) , pp.1783-1811</p>	0	0	0	0	0	0

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