

V Shanmukha Kumar Jagarlapudi

List of Publications by Year in descending order

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Version: 2024-02-01

28
papers

387
citations

933264

10
h-index

794469

19
g-index

28
all docs

28
docs citations

28
times ranked

443
citing authors

#	ARTICLE	IF	CITATIONS
1	Spectroscopic and optical properties of Nd ³⁺ doped fluorine containing alkali and alkaline earth zinc-aluminophosphate optical glasses. <i>Physica B: Condensed Matter</i> , 2009, 404, 3717-3721.	1.3	68
2	Production of biodiesel from waste cooking oil using ZnCuO/N-doped graphene nanocomposite as an efficient heterogeneous catalyst. <i>Arabian Journal of Chemistry</i> , 2021, 14, 102982.	2.3	51
3	Designing and fabrication of electrochemical nanosensor employing fullerene-C60 and bimetallic nanoparticles composite film for the detection of vitamin D3 in blood samples. <i>Diamond and Related Materials</i> , 2020, 104, 107761.	1.8	50
4	Fabrication of electrochemical immunosensor based on GCN- \dot{I}^2 -CD/Au nanocomposite for the monitoring of vitamin D deficiency. <i>Bioelectrochemistry</i> , 2022, 143, 107935.	2.4	30
5	Synthesis and characterization of nanocomposite material based on graphene quantum dots and lanthanum doped zirconia nanoparticles: An electrochemical sensing application towards flutamide in urine samples. <i>Diamond and Related Materials</i> , 2020, 110, 108143.	1.8	27
6	One-Pot Synthesized Pd@N-Doped Graphene: An Efficient Catalyst for Suzuki-Miyaura Couplings. <i>Catalysts</i> , 2019, 9, 469.	1.6	25
7	Synthesis and characterization of novel lanthanum nanoparticles-graphene quantum dots coupled with zeolitic imidazolate framework and its electrochemical sensing application towards vitamin D3 deficiency. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2021, 611, 125854.	2.3	24
8	Highly sensitive stripping voltammetric determination of a biomolecule, pyruvic acid in solubilized system and biological fluids. <i>Arabian Journal of Chemistry</i> , 2016, 9, S1897-S1904.	2.3	14
9	Initial biological evaluations of 18F-KS1, a novel ascorbate derivative to image oxidative stress in cancer. <i>EJNMMI Research</i> , 2019, 9, 43.	1.1	12
10	Enhanced Electrocatalytic Activity of Methanol and Ethanol Oxidation in Alkaline Medium at Bimetallic Nanoparticles Electrochemically Decorated Fullerene- \dot{C}_{60} Nanocomposite Electrocatalyst: An Efficient Anode Material for Alcohol Fuel Cell Applications. <i>Electroanalysis</i> , 2021, 33, 97-110.	1.5	12
11	Induced smectic-B and smectic-G phases in hydrogen-bonded complexes (OBA:PFOA): thermal and phase behaviour studies. <i>Liquid Crystals Today</i> , 2013, 22, 4-9.	2.3	11
12	Synthesis of new rhodamine dyed copolymer nanodispersions for textiles-agglomeration and control with copolymer resins. <i>Dyes and Pigments</i> , 2016, 133, 424-434.	2.0	10
13	Isolation and characterization of novel degradation products in cilnidipine by LC-QTOF-MS/MS, LCMS, 2D-NMR and FTIR. <i>New Journal of Chemistry</i> , 2018, 42, 634-646.	1.4	9
14	Determination of Edoxaban in Bulk and in Tablet Dosage Form by Stability Indicating High-Performance Liquid Chromatography. <i>Pharmaceutical Sciences</i> , 2016, 22, 35-41.	0.8	7
15	Concentration dependent neodymium doped oxy fluoroborate glasses for 1.08 μ m laser applications. <i>Solid State Sciences</i> , 2021, 113, 106543.	1.5	6
16	Analytical Method Development and Validation for the Quantification of Acetone and Isopropyl Alcohol in the Tartaric Acid Base Pellets of Dipyrindamole Modified Release Capsules by Using Headspace Gas Chromatographic Technique. <i>Journal of Analytical Methods in Chemistry</i> , 2018, 2018, 1-10.	0.7	5
17	Eco-Friendly and Solvent-Less Mechanochemical Synthesis of ZrO ₂ -MnCO ₃ /N-Doped Graphene Nanocomposites: A Highly Efficacious Catalyst for Base-Free Aerobic Oxidation of Various Types of Alcohols. <i>Catalysts</i> , 2020, 10, 1136.	1.6	5
18	<i>In silico</i> screening of FDA approved drugs on AXL kinase and validation for breast cancer cell line. <i>Journal of Biomolecular Structure and Dynamics</i> , 2021, 39, 2056-2070.	2.0	4

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19	One-pot synthesis of novel tert-butyl-4-substituted phenyl-1H-1,2,3-triazolo piperazine/piperidine carboxylates, potential GPR119 agonists. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2019, 29, 126707.	1.0	3
20	Stability Indicating HPLC Method for the Simultaneous Quantification of Aspirin and Pravastatin in bulk and Tablets: Method Development and Validation. <i>Journal of Applied Pharmaceutical Science</i> , 0, , .	0.7	3
21	Development and Validation of RP-HPLC Method for the Estimation of Raloxifene in Marketed Formulations. <i>Analytical Chemistry Letters</i> , 2012, 2, 358-362.	0.4	2
22	Highly active biomorphic MgO/C supported Cu NPs direct catalytic coupling of 1,4-butanediol dehydrogenation and acetophenone hydrogenation using in-situ liberated H ₂ . <i>Molecular Catalysis</i> , 2021, 507, 111561.	1.0	2
23	Total synthesis of Berkeleylactone F. <i>Synthetic Communications</i> , 2022, 52, 205-211.	1.1	2
24	Applications of Fourier Transform Infrared and UV-Visible Spectroscopy for the demonstrating sameness of Ganirelix peptide in Liquid Injection Formulation. <i>Research Journal of Pharmacy and Technology</i> , 2022, , 1709-1712.	0.2	2
25	Synthesis of High-Performance Aqueous Fluorescent Nanodispersions for Textile Printing—A Study of Influence of Moles Ratio on Fastness Properties. <i>Molecules</i> , 2021, 26, 7075.	1.7	1
26	Design and Synthesis of Novel Piperazine (2-Chloroethyl)-1-nitrosourea Analogues as Anticancer Agents. <i>Asian Journal of Chemistry</i> , 2022, 34, 591-596.	0.1	1
27	A Rapid Method for the determination of Dehydrated alcohol (Ethanol) content in Clobetasol propionate foam by Non-polar Capillary Gas chromatography. <i>Research Journal of Pharmacy and Technology</i> , 2021, , 5919-5925.	0.2	1
28	Evaluation of temperature, excipients impact on the primary structure of Ganirelix in an injectable formulation, and comparison with Orgalutran® using MALDI-TOF/TOF-MS. <i>Journal of Mass Spectrometry</i> , 2020, 55, e4610.	0.7	0