

Doddakunche Shivaramu Prasanna

List of Publications by Year in descending order

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49
papers

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687363

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794594

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54
all docs

54
docs citations

54
times ranked

485
citing authors

#	ARTICLE	IF	CITATIONS
1	Adsorption of anionic dye on eco-friendly synthesised reduced graphene oxide anchored with lanthanum aluminate: Isotherms, kinetics and statistical error analysis. <i>Ceramics International</i> , 2021, 47, 10322-10331.	4.8	45
2	Anti-cancer activity of novel dibenzo[b,f]azepine tethered isoxazoline derivatives. <i>BMC Chemical Biology</i> , 2012, 12, 5.	1.6	38
3	Carbon-based TiO ₂ -x heterostructure nanocomposites for enhanced photocatalytic degradation of dye molecules. <i>Ceramics International</i> , 2021, 47, 10314-10321.	4.8	27
4	Pd ^{II} on Guanidine-Functionalized Fe ₃ O ₄ Nanoparticles as an Efficient Heterogeneous Catalyst for Suzuki-Miyaura Cross-Coupling and Reduction of Nitroarenes in Aqueous Media. <i>ACS Omega</i> , 2021, 6, 34416-34428.	3.5	25
5	Enhanced photoluminescence of SiO ₂ coated CaTiO ₃ :Dy ³⁺ ,Li ⁺ nanophosphors for white light emitting diodes. <i>Ceramics International</i> , 2021, 47, 10346-10354.	4.8	23
6	Silver nanoparticles synthesized using saponin extract of Simarouba glauca oil seed meal as effective, recoverable and reusable catalyst for reduction of organic dyes. <i>Results in Surfaces and Interfaces</i> , 2021, 3, 100005.	2.4	22
7	Reduced graphene oxide wrapped sulfur nanocomposite as cathode material for lithium sulfur battery. <i>Ceramics International</i> , 2021, 47, 14790-14797.	4.8	21
8	Significantly enhanced cocatalyst-free H ₂ evolution from defect-engineered Brown TiO ₂ . <i>Ceramics International</i> , 2021, 47, 14821-14828.	4.8	20
9	Synthesis and Identification of a new class of antileukemic agents containing 2-(arylcarboxamide)-(S)-6-amino-4,5,6,7-tetrahydrobenzo[d]thiazole. <i>European Journal of Medicinal Chemistry</i> , 2010, 45, 5331-5336.	5.5	19
10	Hydrothermally synthesized Bi ₂ MoO ₆ /Reduced Graphene Oxide composite as anodes for lithium-ion batteries. <i>Ceramics International</i> , 2019, 45, 24965-24970.	4.8	19
11	Copper zinc tin sulfide and multi-walled carbon nanotubes nanocomposite for visible-light-driven photocatalytic applications. <i>Materials Research Bulletin</i> , 2022, 146, 111606.	5.2	19
12	Synthesis and Antileukemic Activity of Novel 4-(3-(Piperidin-4-yl) Propyl)Piperidine Derivatives. <i>Chemical Biology and Drug Design</i> , 2011, 78, 622-630.	3.2	18
13	Silver nanoparticles anchored TiO ₂ nanotubes prepared using saponin extract as heterogeneous and recyclable catalysts for reduction of dyes. <i>Ceramics International</i> , 2021, 47, 14750-14759.	4.8	18
14	Effect of novel N-aryl sulfonamide substituted 3-morpholino arecoline derivatives as muscarinic receptor 1 agonists in Alzheimer's dementia models. <i>Bioorganic and Medicinal Chemistry</i> , 2008, 16, 5157-5163.	3.0	17
15	Magnetic Fe ₃ O ₄ supported MoS ₂ nanoflowers as catalyst for the reduction of p-nitrophenol and organic dyes and as an electrochemical sensor for the detection of pharmaceutical samples. <i>Ceramics International</i> , 2022, 48, 35698-35707.	4.8	16
16	One-pot supercritical water synthesis of Bi ₂ MoO ₆ -RGO 2D heterostructure as anodes for Li-ion batteries. <i>Ceramics International</i> , 2021, 47, 10274-10283.	4.8	15
17	Magnetic substrate supported ZnO-CuO nanocomposite as reusable photo catalyst for the degradation of organic dye. <i>Materials Today: Proceedings</i> , 2017, 4, 12314-12320.	1.8	14
18	Bismuth oxycarbonate Nanoplates@Ni(OH) ₂ nanosheets 2D plate-on-sheet heterostructure as electrode for high-performance supercapacitor. <i>Journal of Alloys and Compounds</i> , 2021, 860, 158495.	5.5	13

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19	Synthesis, Characterization and In Vitro Antiproliferative Effects of Novel 5-Amino Pyrazole Derivatives against Breast Cancer Cell Lines. <i>Recent Patents on Anti-Cancer Drug Discovery</i> , 2011, 6, 186-195.	1.6	12
20	Synthesis and cytotoxic evaluation of novel 2-(4-(2,2,2-trifluoroethoxy)-3-methylpyridin-2-ylthio)-1H-benzo[d]imidazole derivatives. <i>Archives of Pharmacal Research</i> , 2009, 32, 1335-1343.	6.3	11
21	One-pot synthesis of 3,5-diaryl substituted-1,2,4-oxadiazoles using gem-dibromomethylarenes. <i>Canadian Journal of Chemistry</i> , 2019, 97, 690-696.	1.1	11
22	Antioxidant, antiproliferative and antihemolytic properties of phytofabricated silver nanoparticles using <i>Simarouba glauca</i> and <i>Celastrus paniculatus</i> extracts. <i>Applied Nanoscience (Switzerland)</i> , 2021, 11, 2561-2576.	3.1	11
23	Phytofabrication of cupric oxide nanoparticles using <i>Simarouba glauca</i> and <i>Celastrus paniculatus</i> extracts and their enhanced apoptotic inducing and anticancer effects. <i>Applied Nanoscience (Switzerland)</i> , 2021, 11, 1393-1409.	3.1	10
24	Synthesis and identification of a new class of (S)-2,6-diamino-4,5,6,7-tetrahydrobenzo[d]thiazole derivatives as potent antileukemic agents. <i>Investigational New Drugs</i> , 2010, 28, 454-465.	2.6	9
25	Enhanced photocatalysis and photodetection using highly crystalline CZTS thin films optimized using stabilizers. <i>Ceramics International</i> , 2022, 48, 35666-35675.	4.8	9
26	In-situ preparation of silk-cocoon derived carbon and LiFePO ₄ nanocomposite as cathode material for Li-ion battery. <i>Ceramics International</i> , 2022, 48, 35657-35665.	4.8	8
27	Synthesis and Biological Evaluation of Novel Homopiperazine Derivatives as Anticancer Agents. <i>Journal of Cancer Therapy</i> , 2011, 02, 507-514.	0.4	7
28	PCC-Promoted Dehydration of Aldoximes: A Convenient Access to Aromatic, Heteroaromatic, and Aliphatic Nitriles. <i>Synthetic Communications</i> , 2013, 43, 2756-2762.	2.1	6
29	Pro-Apoptotic Activity of Novel 4-Anilinoquinazoline Derivatives Mediated by Up-Regulation of Bax and Activation of Poly(ADP-ribose) Phosphatase in Ehrlich Ascites Carcinoma Cells. <i>Asian Journal of Chemistry</i> , 2017, 29, 896-904.	0.3	6
30	Synthesis, Characterization of 4-Anilino-6,7-Dimethoxy Quinazoline Derivatives as Potential Anti-Angiogenic Agents. <i>Anti-Cancer Agents in Medicinal Chemistry</i> , 2018, 17, 1931-1941.	1.7	6
31	Synthesis and Antileukemic Activity of 1-((S)-2-Amino-4,5,6,7-tetrahydrobenzo[d]thiazol-6-yl)-3-(substituted phenyl)urea Derivatives. <i>Bulletin of the Chemical Society of Japan</i> , 2010, 83, 689-697.	3.2	5
32	Silk cocoon derived carbon and sulfur nanosheets as cathode material for Li-S battery application. <i>Emergent Materials</i> , 0, , 1.	5.7	5
33	Synthesis and Characterization of Substituted Ethyl 2-(1-aminocyclobutyl)-5-(benzoyloxy)-6-hydroxypyrimidine-4-carboxylate Derivatives as Antioxidant Agents. <i>Letters in Drug Design and Discovery</i> , 2009, 6, 637-643.	0.7	3
34	Synthesis and Antileukemic Activity of Novel 2-((4-(2,4-dimethoxybenzoyl)phenoxy)acetyl(3-(piperidin-4-yl)propyl)piperidin-1-yl)ethanone Derivatives. <i>Chemical Biology and Drug Design</i> , 2012, 79, 360-367.	1.1	3
35	Biginelli-type reaction: Efficient synthesis of 5-unsubstituted 3,4-dihydropyrimidin-2-ones and thiones from gem-dibromomethylarenes. <i>Journal of Heterocyclic Chemistry</i> , 2020, 57, 3475.	2.6	3
36	Inhibition of gastric H ⁺ , K ⁺ -ATPase by novel thiazolidinone derivatives. <i>Journal of Sulfur Chemistry</i> , 2010, 31, 189-196.	2.0	2

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37	Spectral characterization of morphological structure of organomodified montmorillonite clay-based epoxy nanocomposite. <i>International Journal of Polymer Analysis and Characterization</i> , 2021, 26, 471-485.	1.9	2
38	T3PÂ® -DMSO Mediated One-pot Tandem Approach for the Synthesis of 3,4-dihydropyrimidin-2(1H)-ones/thiones from Alcohols. <i>Letters in Organic Chemistry</i> , 2018, 15, 241-245.	0.5	2
39	Cu(II) immobilized on guanidine functionalized Fe3O4 magnetic substrate as a heterogeneous catalyst for selective reduction of nitroarenes. <i>Journal of the Iranian Chemical Society</i> , 2022, 19, 3697-3709.	2.2	2
40	Effect of Novel Amino Acids and Dipeptides Substituted 3-Morpholino Arecoline Derivatives as Muscarinic Receptor 1 Agonists in Alzheimerâ€™s Dementia Models. <i>International Journal of Peptide Research and Therapeutics</i> , 2009, 15, 323-337.	1.9	1
41	Synthesis of 2-methyl-3-(2-(piperazin-1-yl)ethyl)-6,7,8,9-tetrahydro-4H-pyrido [1,2-a]pyrimidin-4-one Derivatives as Antimicrobial Agents. <i>Letters in Drug Design and Discovery</i> , 2011, 8, 988-995.	0.7	1
42	Synthesis of Novel 1-benzhydryl-4-(3-(piperidin-4-yl)propyl) Piperidine Sulfonamides as Anticonvulsant Agents. <i>Letters in Drug Design and Discovery</i> , 2010, 7, 109-115.	0.7	1
43	Synthesis of 3-(2-chloroethyl)-2-methyl-6,7,8,9-tetrahydro-4H-pyrido [1,2- a] pyrimidin-4-one Derivatives as Antibacterial Agents. <i>Medicinal Chemistry</i> , 2013, 9, 240-248.	1.5	1
44	One-Pot Super Critical Fluid Synthesis of Spinel MnFe2O4 Nanoparticles and its Application as Anode Material for Mg-ion Battery. <i>Asian Journal of Chemistry</i> , 2022, 34, 989-994.	0.3	1
45	Exfoliation of MoS2-RGO Hybrid 2D Sheets by Supercritical Fluid Process. <i>Asian Journal of Chemistry</i> , 2022, 34, 1009-1014.	0.3	1
46	Design and Study of Silk Cocoon-ZnO Micro-Nanocomposite based Gas Sensor for Detection of Flammable Gas at Room Temperature. <i>Asian Journal of Chemistry</i> , 2022, 34, 1291-1296.	0.3	1
47	Synthesis of Caffeic Acid Derivatives: Identification of (E)-N-(4-Cyanobenzyl)-3-(3,4-dihydroxyphenyl)acrylamide as an Anticancer Agent against Human Cervical Cancer Cells. <i>Asian Journal of Chemistry</i> , 2022, 34, 2183-2190.	0.3	1
48	Crystal and Molecular Structure Analysis of Novel Bioactive Heterocyclic Compound: 7-Chloro-5-cyclopropyl-9-methyl-10-(4-nitro-benzyl)-5,10-Dihydro-4,5,6,10-Tetraaza-dibenzo [a,d] Cyclohepten-11-one. <i>Molecular Crystals and Liquid Crystals</i> , 2008, 493, 103-110.	0.9	0
49	An Experimental Analysis of Silk Cocoon Layer-PANI Polymer Composite as Electrode for Thermoelectric Generator Application. <i>Asian Journal of Chemistry</i> , 2022, 34, 1021-1026.	0.3	0