

Doddakunche Shivaramu Prasanna

List of Publications by Year in descending order

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| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | 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 |
| 2 | 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 |
| 3 | One-Pot Super Critical Fluid Synthesis of Spinel MnFe ₂ O ₄ Nanoparticles and its Application as Anode Material for Mg-ion Battery. <i>Asian Journal of Chemistry</i> , 2022, 34, 989-994. | 0.3 | 1 |
| 4 | Exfoliation of MoS ₂ -RGO Hybrid 2D Sheets by Supercritical Fluid Process. <i>Asian Journal of Chemistry</i> , 2022, 34, 1009-1014. | 0.3 | 1 |
| 5 | 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 |
| 6 | 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 |
| 7 | Cu(II) immobilized on guanidine functionalized Fe ₃ O ₄ 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 |
| 8 | Enhanced photocatalysis and photodetection using highly crystalline CZTS thin films optimized using stabilizers. <i>Ceramics International</i> , 2022, 48, 35666-35675. | 4.8 | 9 |
| 9 | 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 |
| 10 | 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 |
| 11 | 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 |
| 12 | Significantly enhanced cocatalyst-free H ₂ evolution from defect-engineered Brown TiO ₂ . <i>Ceramics International</i> , 2021, 47, 14821-14828. | 4.8 | 20 |
| 13 | 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 |
| 14 | 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 |
| 15 | 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 |
| 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 | Reduced graphene oxide wrapped sulfur nanocomposite as cathode material for lithium sulfur battery. <i>Ceramics International</i> , 2021, 47, 14790-14797. | 4.8 | 21 |
| 18 | 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 |

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|----|--|-----|-----------|
| 19 | 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 |
| 20 | 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 |
| 21 | Silver nanoparticles synthesized using saponin extract of <i>Simarouba glauca</i> 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 |
| 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 | Pd 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 |
| 24 | Biginelli-type reaction: Efficient synthesis of 5-substituted 3,4-dihydropyrimidin-2(1H)-ones and thiones from gem-dibromomethylarenes. <i>Journal of Heterocyclic Chemistry</i> , 2020, 57, 3475. | 2.6 | 3 |
| 25 | 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 |
| 26 | 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 |
| 27 | 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 |
| 28 | T3P®-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 |
| 29 | 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 |
| 30 | 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 |
| 31 | 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 |
| 32 | 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 |
| 33 | Anti-cancer activity of novel dibenzo[b,f]azepine tethered isoxazoline derivatives. <i>BMC Chemical Biology</i> , 2012, 12, 5. | 1.6 | 38 |
| 34 | Synthesis and Antileukemic Activity of Novel 2-((2,4-dimethoxybenzoyl)phenoxy)-1-(3-(piperidin-4-yl)propyl)piperidin-4-ylethanone Derivatives. <i>Chemical Biology and Drug Design</i> , 2012, 79, 360-367. | 1.6 | 12 |
| 35 | 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 |
| 36 | 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 |

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|----|---|-----|-----------|
| 37 | Synthesis of 2-methyl-3-(2-(piperazin-1-yl)ethyl)-6,7,8,9-tetrahydro-4Hpyrido[1,2-a]pyrimidin-4-one Derivatives as Antimicrobial Agents. Letters in Drug Design and Discovery, 2011, 8, 988-995. | 0.7 | 1 |
| 38 | Synthesis and Biological Evaluation of Novel Homopiperazine Derivatives as Anticancer Agents. Journal of Cancer Therapy, 2011, 02, 507-514. | 0.4 | 7 |
| 39 | Synthesis and Antileukemic Activity of 1-((S)-2-Amino-4,5,6,7-tetrahydrobenzo[<i>d</i>]thiazol-6-yl)-3-(substituted phenyl)urea Derivatives. Bulletin of the Chemical Society of Japan, 2010, 83, 689-697. | 3.2 | 5 |
| 40 | Synthesis and identification of a new class of (S)-2,6-diamino-4,5,6,7-tetrahydrobenzo[<i>d</i>]thiazole derivatives as potent antileukemic agents. Investigational New Drugs, 2010, 28, 454-465. | 2.6 | 9 |
| 41 | Synthesis and Identification of a new class of antileukemic agents containing 2-(arylcarboxamide)-(S)-6-amino-4,5,6,7-tetrahydrobenzo[<i>d</i>]thiazole. European Journal of Medicinal Chemistry, 2010, 45, 5331-5336. | 5.5 | 19 |
| 42 | Inhibition of gastric H ⁺ , K ⁺ -ATPase by novel thiazolidinone derivatives. Journal of Sulfur Chemistry, 2010, 31, 189-196. | 2.0 | 2 |
| 43 | Synthesis of Novel 1-benzhydryl-4-(3-(piperidin-4-yl)propyl) Piperidine Sulfonamides as Anticonvulsant Agents. Letters in Drug Design and Discovery, 2010, 7, 109-115. | 0.7 | 1 |
| 44 | Synthesis and Characterization of Substituted Ethyl 2-(1-aminocyclobutyl)-5-(benzoyloxy)-6-hydroxypyrimidine-4-carboxylate Derivatives as Antioxidant Agents. Letters in Drug Design and Discovery, 2009, 6, 637-643. | 0.7 | 3 |
| 45 | Effect of Novel Amino Acids and Dipeptides Substituted 3-Morpholino Arecoline Derivatives as Muscarinic Receptor 1 Agonists in Alzheimer's Dementia Models. International Journal of Peptide Research and Therapeutics, 2009, 15, 323-337. | 1.9 | 1 |
| 46 | Synthesis and cytotoxic evaluation of novel 2-(4-(2,2,2-trifluoroethoxy)-3-methylpyridin-2-ylthio)-1H-benzo[<i>d</i>]imidazole derivatives. Archives of Pharmacal Research, 2009, 32, 1335-1343. | 6.3 | 11 |
| 47 | Effect of novel N-aryl sulfonamide substituted 3-morpholino arecoline derivatives as muscarinic receptor 1 agonists in Alzheimer's dementia models. Bioorganic and Medicinal Chemistry, 2008, 16, 5157-5163. | 3.0 | 17 |
| 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. Molecular Crystals and Liquid Crystals, 2008, 493, 103-110. | 0.9 | 0 |
| 49 | Silk cocoon derived carbon and sulfur nanosheets as cathode material for Li-S battery application. Emergent Materials, 0, , 1. | 5.7 | 5 |