

Swamy Sreenivasa

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	NrGO wrapped Cu-ZrO ₂ as a multifunctional visible-light-sensitive catalyst for advanced oxidation of pollutants and CO ₂ reduction.. Journal of Environmental Chemical Engineering, 2022, 10, 107679.	3.3	11
2	GC-FID Quantification of N, N-Dimethyl aminopropyl chloride, a Genotoxic Impurity, in Imipramine Hydrochloride and Clomipramine Hydrochloride. Current Pharmaceutical Analysis, 2022, 18, .	0.3	0
3	Microwave assisted green synthesis of p-type Co ₃ O ₄ @Mesoporous carbon spheres for simultaneous degradation of dyes and photocatalytic hydrogen evolution reaction. Materials Science in Semiconductor Processing, 2021, 121, 105432.	1.9	37
4	Sulfated magnesium zirconate catalyzed synthesis, antimicrobial, antioxidant, anti-inflammatory, and anticancer activity of benzo[d]thiazole-hydrazone analogues and its molecular docking. Results in Chemistry, 2021, 3, 100197.	0.9	9
5	N'-((3-(substituted phenyl)-1-phenyl-1H-Pyrazol-4-yl)methylene)-(substituted) benzhydrazide: Synthesis, characterization and pharmacological evaluation. Chemical Data Collections, 2021, 32, 100665.	1.1	4
6	Solar light sensitive hybrid Ce ^{4+/3+} doped perovskite magnesium zirconate nano cubes for photocatalytic hydrogen evolution and organic pollutant degradation in water. Journal of Environmental Chemical Engineering, 2021, 9, 105364.	3.3	20
7	In Vitro, Molecular Docking, and In Silico Binding Mode Analysis of Organic Compounds for Antimicrobial and Anticancer Activity against Jurkat, HCT116, and A549 Cell Lines.. ChemistrySelect, 2020, 5, 12807-12818.	0.7	2
8	Rutile, mesoporous ruthenium oxide decorated graphene oxide as an efficient visible light driven photocatalyst for hydrogen evolution reaction and organic pollutant degradation. Materials Science in Semiconductor Processing, 2020, 116, 105156.	1.9	24
9	Synthesis, Characterization, Biological Screening, ADME and Molecular Docking Studies of 2-Phenyl Quinoline-4-Carboxamide Derivatives. Asian Journal of Chemistry, 2020, 32, 1151-1157.	0.1	3
10	Visibleâ€Lightâ€Induced Photochemical Hydrogen Evolution and Degradation of Crystal Violet Dye by Interwoven Layered MoS ₂ /Wurtzite ZnS Heterostructure Photocatalyst. ChemistrySelect, 2020, 5, 6918-6926.	0.7	13
11	Solvothermal synthesis of nanoscale disc-like gadolinium doped magnesium zirconate for highly efficient photocatalytic degradation of rhodamine B in water. SN Applied Sciences, 2020, 2, 1.	1.5	7
12	Synthesis, biological screening, in silico study and fingerprint applications of novel 1, 2, 4â€triazole derivatives. Journal of Heterocyclic Chemistry, 2020, 57, 2010-2023.	1.4	9
13	Synthesis and discovery of Nâ€(1â€methylâ€4â€oxoâ€4,5â€dihydroâ€1Hâ€imidazolâ€2â€yl)â€[1,1â€â€biphenyl]â€2â€carboxamide derivatives as antimicrobial agents. Journal of Heterocyclic Chemistry, 2020, 57, 1211-1219.	1.4	3
14	Synthesis, Anti-inflammatory Activity and in silico Studies of Some Novel Morpholine Based Carboxamides. Asian Journal of Chemistry, 2020, 32, 901-906.	0.1	0
15	A non-enzymatic electrochemical sensor based on ZrO ₂ : Cu(I) nanosphere modified carbon paste electrode for electro-catalytic oxidative detection of glucose in raw Citrus aurantium var. sinensis. Food Chemistry, 2019, 300, 125178.	4.2	46
16	Ultrasound induced synthesis of dual phased hierarchical ZrO ₂ :Eu ³⁺ architectures: Fluorescent based sensor for rapid visualization of latent fingerprints. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2019, 581, 123749.	2.3	16
17	Synthesis, crystal structure and molecular docking studies of novel 2-(4-benzoylpiperazin-1-yl) quinoline-3-carbaldehyde. Chemical Data Collections, 2019, 24, 100282.	1.1	2
18	Benzyl and Sulfonyl Derivatives of N-(2,6-dimethylphenyl)-2-(piperazin-1-yl)acetamide (T2288): Biological Screening and Fingerprint applications. Oriental Journal of Chemistry, 2019, 35, 157-166.	0.1	6

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19	Environmentally Benign Approach for the Synthesis of Azo Dyes in the Presence of Mesoporous Sulfated Core-shell Zirconia-Copper(I) Oxide Solid Acid Catalyt. <i>ChemistrySelect</i> , 2019, 4, 5097-5105.	0.7	7
20	Synergistic effect of hybrid Ce ³⁺ /Ce ⁴⁺ doped Bi ₂ O ₃ nano-sphere photocatalyst for enhanced photocatalytic degradation of alizarin red S dye and its NUV excited photoluminescence studies. <i>Journal of Environmental Chemical Engineering</i> , 2019, 7, 103053.	3.3	35
21	Silico Studies. <i>Letters in Drug Design and Discovery</i> , 2019, 16, 994-1005.	0.4	5
22	Synthesis and characterization of cloisite-30B clay dispersed poly (acryl amide/sodium alginate)/AgNp hydrogel composites for the study of BSA protein drug delivery and antibacterial activity. <i>Materials Research Express</i> , 2018, 5, 025403.	0.8	6
23	Rapid visualization of fingerprints on various surfaces using ZnO superstructures prepared via simple combustion route. <i>Journal of Science: Advanced Materials and Devices</i> , 2018, 3, 18-28.	1.5	18
24	3-(3,5-Difluorophenyl)-1-phenyl-1H-pyrazole-4-carbaldehyde. <i>MolBank</i> , 2018, 2018, M1011.	0.2	1
25	Regioselective Synthesis, Antibacterial, Molecular Docking and Fingerprint Applications of 1-Benzhydrylpiperazine Derivatized 1,4-Disubstituted 1,2,3-Triazoles. <i>ChemistrySelect</i> , 2018, 3, 8111-8117.	0.7	15
26	Fluorescent aromatic symmetrical azines: Synthesis and appraisal of their photophysical and electrochemical properties. <i>Optical Materials</i> , 2018, 85, 1-7.	1.7	18
27	3-[6-(4-Methoxyphenyl)-2-methylpyrimidin-4-yl]-2-(4-methylpiperazin-1-yl)quinoline. <i>IUCrData</i> , 2018, 3, .	0.1	0
28	tert-Butyl 4-{3-[6-(4-methoxyphenyl)-2-methylpyrimidin-4-yl]quinolin-2-yl}piperazine-1-carboxylate. <i>IUCrData</i> , 2018, 3, .	0.1	0
29	Zirconia-Supported Cu(I)-Stabilized Copper Oxide Mesoporous Catalyst for the Synthesis of Quinazolinones Under Ambient Conditions. <i>Asian Journal of Organic Chemistry</i> , 2017, 6, 1755-1759.	1.3	31
30	Synthesis, crystal structure and molecular docking studies of novel 2-(4-(4-substitutedphenylsulfonyl)piperazin-1-yl)quinolone-3-carbaldehyde derivatives. <i>Research on Chemical Intermediates</i> , 2017, 43, 6131-6154.	1.3	5
31	1-(4-Methoxyphenyl)-3-[2-(4-methylpiperazin-1-yl)quinolin-3-yl]prop-2-en-1-one. <i>IUCrData</i> , 2017, 2, .	0.1	2
32	Molecular and crystal structures of two 1,2,4-benzothiadiazine derivatives. <i>Journal of Structural Chemistry</i> , 2015, 56, 1390-1397.	0.3	0
33	Monomer spectroscopic analysis and dimer interaction energies on N-(4-methoxybenzoyl)-2-methylbenzenesulfonamide by experimental and theoretical approaches. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2015, 142, 169-177.	2.0	8
34	Investigation of the crystal structures of N-(4-fluorobenzoyl)benzenesulfonamide and N-(4-fluoro-benzoyl)-4-methylbenzenesulfonamide. <i>Zeitschrift Fur Kristallographie - Crystalline Materials</i> , 2015, 230, 543-550.	0.4	3
35	Crystal structures of three <i>N</i> -aryl-2,2,2-tribromoacetamides. <i>Acta Crystallographica Section E: Crystallographic Communications</i> , 2015, 71, 1048-1053.	0.2	1
36	Crystal structure of 4-bromophenyl-2-oxo-2H-chromene-3-carboxylate. <i>Acta Crystallographica Section E: Crystallographic Communications</i> , 2015, 71, o326-o327.	0.2	1

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37	Crystal structure of bis(4-methoxyphenyl) malonate. Acta Crystallographica Section E: Crystallographic Communications, 2015, 71, o330-o331.	0.2	1
38	Crystal structure of 4-methoxyphenyl 2-oxo-2H-chromene-3-carboxylate. Acta Crystallographica Section E: Crystallographic Communications, 2015, 71, o374-o375.	0.2	1
39	Crystal structure of 2-(4-methylpiperazin-1-yl)quinoline-3-carbaldehyde. Acta Crystallographica Section E: Crystallographic Communications, 2015, 71, o900-o901.	0.2	2
40	Crystal structure of 2-chloro-N-(3-fluorophenyl)acetamide. Acta Crystallographica Section E: Crystallographic Communications, 2015, 71, o315-o315.	0.2	0
41	Synthesis, Antibacterial, Anthelmintic and Anti-Inflammatory Studies of Novel Methylpyrimidine Sulfonyl Piperazine Derivatives. Journal of the Brazilian Chemical Society, 2014, , .	0.6	6
42	N-(4-Methoxybenzoyl)benzenesulfonamide. Acta Crystallographica Section E: Structure Reports Online, 2014, 70, o192-o192.	0.2	3
43	2-Chloro-N-(4-methoxybenzoyl)benzenesulfonamide. Acta Crystallographica Section E: Structure Reports Online, 2014, 70, o199-o199.	0.2	4
44	5-(3,5-Difluorophenyl)-1-(4-fluorophenyl)-3-trifluoromethyl-1H-pyrazole. Acta Crystallographica Section E: Structure Reports Online, 2014, 70, o19-o19.	0.2	0
45	N-(4-Methoxybenzoyl)-2-methylbenzenesulfonamide. Acta Crystallographica Section E: Structure Reports Online, 2014, 70, o193-o193.	0.2	3
46	N-Ethyl-2,2-dimethyl-N-(3-methylphenyl)propanamide. Acta Crystallographica Section E: Structure Reports Online, 2014, 70, o223-o223.	0.2	1
47	Crystal structure of N-(3-hydroxyphenyl)succinimide. Acta Crystallographica Section E: Structure Reports Online, 2014, 70, o927-o927.	0.2	1
48	(1Z)-1-(1-Benzofuran-2-yl)ethanone oxime. Acta Crystallographica Section E: Structure Reports Online, 2014, 70, o40-o40.	0.2	3
49	2-(6-Hydroxy-1-benzofuran-3-yl)acetamide. Acta Crystallographica Section E: Structure Reports Online, 2014, 70, o87-o87.	0.2	1
50	1-Fluoro-4-[(E)-2-nitrovinyl]benzene. Acta Crystallographica Section E: Structure Reports Online, 2014, 70, o124-o124.	0.2	0
51	N-(4-Methylphenylsulfonyl)-3-nitrobenzamide. Acta Crystallographica Section E: Structure Reports Online, 2014, 70, o191-o191.	0.2	0
52	6-(4-Fluorophenyl)-3-phenyl-7H-1,2,4-triazolo[3,4-b][1,3,4]thiadiazine. Acta Crystallographica Section E: Structure Reports Online, 2014, 70, o375-o375.	0.2	0
53	tert-Butyl 2-[[5-(4-cyanophenyl)pyridin-3-yl]sulfonyl]acetate. Acta Crystallographica Section E: Structure Reports Online, 2014, 70, o415-o415.	0.2	0
54	Crystal structure of ethyl (6-hydroxy-1-benzofuran-3-yl)acetate sesquihydrate. Acta Crystallographica Section E: Structure Reports Online, 2014, 70, 541-543.	0.2	1

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55	FT-IR, Laser-Raman spectra and quantum chemical calculations of methyl 4-(trifluoromethyl)-1H-pyrrole-3-carboxylate-A DFT approach. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2014, 127, 122-130.	2.0	24
56	Vibrational frequency analysis, FT-IR and Laser-Raman spectra, DFT studies on ethyl (2E)-2-cyano-3-(4-methoxyphenyl)-acrylate. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2014, 130, 96-104.	2.0	23
57	Crystal structure of (R)-6-bromo-3,3-dimethyl-4,4-dihydro-2H-spiro[cyclohexane-1,1,2,4-benzothiadiazine] 1,1-dioxide. Acta Crystallographica Section E: Structure Reports Online, 2014, 70, 359-361.	0.2	0
58	In vitro biological activities of new heterocyclic chalcone derivatives. Medicinal Chemistry Research, 2013, 22, 2079-2087.	1.1	15
59	N-Hydroxypyridine-2-carboximidamide. Acta Crystallographica Section E: Structure Reports Online, 2013, 69, o1180-o1180.	0.2	0
60	N-(2-Chloro-5-cyanophenyl)-4,4,4-trifluorobutanamide. MolBank, 2013, 2013, M803.	0.2	4
61	6-[5-Chloro-2-(trifluoromethyl)phenyl]-3-fluoro-2-methylpyridine. MolBank, 2013, 2013, M808.	0.2	3
62	4-Methoxy-N-(pyridin-4-ylmethyl)-3-(trifluoromethyl)benzamide monohydrate. Acta Crystallographica Section E: Structure Reports Online, 2013, 69, o1717-o1718.	0.2	0
63	2-Chloro-N-(3-methoxybenzoyl)benzenesulfonamide. Acta Crystallographica Section E: Structure Reports Online, 2013, 69, o1215-o1215.	0.2	1
64	N-[(2-Chlorophenyl)sulfonyl]-3-nitrobenzamide. Acta Crystallographica Section E: Structure Reports Online, 2013, 69, o1090-o1090.	0.2	0
65	4-Methoxy-N-[(4-methylphenyl)sulfonyl]benzamide including an unknown solvate. Acta Crystallographica Section E: Structure Reports Online, 2013, 69, o1664-o1665.	0.2	4
66	N-[(2-Chlorophenyl)sulfonyl]-2-methoxybenzamide. Acta Crystallographica Section E: Structure Reports Online, 2013, 69, o1716-o1716.	0.2	0
67	2-Amino-5-fluorobenzoic acid. Acta Crystallographica Section E: Structure Reports Online, 2013, 69, o387-o387.	0.2	0
68	2-[5-(2-Fluorophenyl)-3-isobutyl-1H-pyrazol-1-yl]benzoic acid. Acta Crystallographica Section E: Structure Reports Online, 2013, 69, o176-o176.	0.2	2
69	4-(Octyloxy)phenyl 2-oxo-2H-chromene-3-carboxylate. Acta Crystallographica Section E: Structure Reports Online, 2013, 69, o212-o212.	0.2	4
70	4-Cyanobiphenyl-4-yl 7-diethylamino-2-oxo-2H-chromene-3-carboxylate. Acta Crystallographica Section E: Structure Reports Online, 2013, 69, o266-o266.	0.2	4
71	4-(Decyloxy)phenyl 2-oxo-7-trifluoromethyl-2H-chromene-3-carboxylate. Acta Crystallographica Section E: Structure Reports Online, 2013, 69, o621-o622.	0.2	3
72	tert-Butyl 4-[5-[3-(trifluoromethoxy)phenyl]-1,2,4-oxadiazol-3-yl]piperazine-1-carboxylate. Acta Crystallographica Section E: Structure Reports Online, 2013, 69, o761-o761.	0.2	2

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73	4-[4-(Heptyloxy)benzoyloxy]phenyl 2-oxo-7-trifluoromethyl-2H-chromene-3-carboxylate. Acta Crystallographica Section E: Structure Reports Online, 2013, 69, o1355-o1356.	0.2	2
74	Ethyl (2 <i>i>E</i></i>)-2-cyano-3-(4-methoxyphenyl)acrylate. Acta Crystallographica Section E: Structure Reports Online, 2013, 69, o1610-o1610.	0.2	4
75	(2,3-Difluorophenyl)(4-tosylpiperazin-1-yl)methanone. Acta Crystallographica Section E: Structure Reports Online, 2013, 69, o185-o185.	0.2	3
76	1-Tosyl-4-[2-(trifluoromethyl)benzyl]piperazine. Acta Crystallographica Section E: Structure Reports Online, 2013, 69, o239-o239.	0.2	2
77	4-Methyl-6-(piperidin-1-yl)pyrimidin-2-amine. Acta Crystallographica Section E: Structure Reports Online, 2013, 69, o197-o197.	0.2	0
78	An unknown solvate of 1-(2,4-dichlorobenzyl)-4-[(4-methylphenyl)sulfonyl]piperazine. Acta Crystallographica Section E: Structure Reports Online, 2013, 69, o782-o782.	0.2	1
79	4-(4-Methylphenylsulfonyl)piperazin-1-ium trifluoroacetate. Acta Crystallographica Section E: Structure Reports Online, 2013, 69, o1112-o1112.	0.2	1
80	1-(3,4-Difluorobenzyl)-4-(4-methylphenylsulfonyl)piperazine. Acta Crystallographica Section E: Structure Reports Online, 2013, 69, o1179-o1179.	0.2	0
81	<i>N</i>-(3-Methoxybenzoyl)-4-methylbenzenesulfonamide. Acta Crystallographica Section E: Structure Reports Online, 2013, 69, o1263-o1263.</i>	0.2	3
82	<i>N</i> -(3-Methoxybenzoyl)-2-methylbenzenesulfonamide. Acta Crystallographica Section E: Structure Reports Online, 2013, 69, o1232-o1232.	0.2	0
83	Methyl 4-(trifluoromethyl)-1H-pyrrole-3-carboxylate. Acta Crystallographica Section E: Structure Reports Online, 2013, 69, o1566-o1566.	0.2	0
84	1-(3,5-Difluorophenyl)-4,4,4-trifluorobutane-1,3-dione. Acta Crystallographica Section E: Structure Reports Online, 2013, 69, o1705-o1705.	0.2	0
85	6-Chloro- <i>N</i> -(pyridin-4-ylmethyl)pyridine-3-sulfonamide. Acta Crystallographica Section E: Structure Reports Online, 2013, 69, o1765-o1765.	0.2	1
86	6-[4-Chloro-2-(trifluoromethyl)phenyl]-3-fluoro-2-methylpyridine. Acta Crystallographica Section E: Structure Reports Online, 2012, 68, o3370-o3370.	0.2	1
87	(<i>E</i>)- <i>tert</i> -Butyl 4-(<i>N</i> â€²-hydroxycarbamidoyl)piperazine-1-carboxylate. Acta Crystallographica Section E: Structure Reports Online, 2012, 68, o3347-o3347.	0.2	1
88	Methyl 4-benzyloxy-2-hydroxybenzoate. Acta Crystallographica Section E: Structure Reports Online, 2012, 68, o3382-o3382.	0.2	2
89	1-(2-Amino-6-methylpyrimidin-4-yl)- <i>N,N</i> -dimethylpiperidin-4-aminium chloride. Acta Crystallographica Section E: Structure Reports Online, 2012, 68, o3371-o3371.	0.2	1
90	(<i>E</i>)-3-Chloro- <i>N</i> â€²-hydroxybenzene-1-carboximidamide. Acta Crystallographica Section E: Structure Reports Online, 2012, 68, o3402-o3402.	0.2	1

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91	4-Methyl-2,6-bis(pyrrolidin-1-yl)pyrimidine. Acta Crystallographica Section E: Structure Reports Online, 2012, 68, o3440-o3440.	0.2	0
92	4-Nitrophenyl 4-hydroxy-3-methylbenzoate. Acta Crystallographica Section E: Structure Reports Online, 2012, 68, o3490-o3490.	0.2	0
93	Synthesis and pharmacological properties of some quinoline derivatives. Il Farmaco, 1998, 53, 399-404.	0.9	139