

Shobith Rangappa

List of Publications by Year in descending order

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152
papers

2,911
citations

136950

32
h-index

214800

47
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153
all docs

153
docs citations

153
times ranked

2755
citing authors

#	ARTICLE	IF	CITATIONS
1	Endophytic Fungi—Alternative Sources of Cytotoxic Compounds: A Review. <i>Frontiers in Pharmacology</i> , 2018, 9, 309.	3.5	185
2	Development of a Novel Azaspirane That Targets the Janus Kinase-Signal Transducer and Activator of Transcription (STAT) Pathway in Hepatocellular Carcinoma in Vitro and in Vivo. <i>Journal of Biological Chemistry</i> , 2014, 289, 34296-34307.	3.4	149
3	Synthesis of 1,2-benzisoxazole tethered 1,2,3-triazoles that exhibit anticancer activity in acute myeloid leukemia cell lines by inhibiting histone deacetylases, and inducing p21 and tubulin acetylation. <i>Bioorganic and Medicinal Chemistry</i> , 2015, 23, 6157-6165.	3.0	100
4	Targeting STAT3 signaling pathway in cancer by agents derived from Mother Nature. <i>Seminars in Cancer Biology</i> , 2022, 80, 157-182.	9.6	92
5	One-pot tandem approach for the synthesis of benzimidazoles and benzothiazoles from alcohols. <i>Tetrahedron Letters</i> , 2011, 52, 5571-5574.	1.4	83
6	Targeting Heparanase in Cancer: Inhibition by Synthetic, Chemically Modified, and Natural Compounds. <i>IScience</i> , 2019, 15, 360-390.	4.1	81
7	Cyclocondensation of Arylhydrazines with 1,3-Bis(het)arylmonothio-1,3-diketones and 1,3-Bis(het)aryl-3-(methylthio)-2-propenones: Synthesis of 1-Aryl-3,5-bis(het)arylpyrazoles with Complementary Regioselectivity. <i>Journal of Organic Chemistry</i> , 2013, 78, 4960-4973.	3.2	79
8	Tandem approach for the synthesis of imidazo[1,2-a]pyridines from alcohols. <i>Tetrahedron Letters</i> , 2013, 54, 95-100.	1.4	63
9	Novel Synthetic Biscoumarins Target Tumor Necrosis Factor- α in Hepatocellular Carcinoma in Vitro and in Vivo. <i>Journal of Biological Chemistry</i> , 2014, 289, 31879-31890.	3.4	63
10	An Easy Access to 4,5-Disubstituted Thiazoles via Base-Induced Click Reaction of Active Methylene Isocyanides with Methyl Dithiocarboxylates. <i>Synthesis</i> , 2012, 44, 1373-1379.	2.3	60
11	Brusatol, a Nrf2 Inhibitor Targets STAT3 Signaling Cascade in Head and Neck Squamous Cell Carcinoma. <i>Biomolecules</i> , 2019, 9, 550.	4.0	59
12	Synthesis and Characterization of Novel 2-Amino-Chromene-Nitriles that Target Bcl-2 in Acute Myeloid Leukemia Cell Lines. <i>PLoS ONE</i> , 2014, 9, e107118.	2.5	54
13	The β Kinase Inhibitor ACHP Targets the STAT3 Signaling Pathway in Human Non-Small Cell Lung Carcinoma Cells. <i>Biomolecules</i> , 2019, 9, 875.	4.0	50
14	Biologicals, platelet apoptosis and human diseases: An outlook. <i>Critical Reviews in Oncology/Hematology</i> , 2015, 93, 149-158.	4.4	49
15	Synthesis and evaluation of 1-benzhydryl-sulfonyl-piperazine derivatives as inhibitors of MDA-MB-231 human breast cancer cell proliferation. <i>Medicinal Chemistry Research</i> , 2007, 16, 179-187.	2.4	45
16	Cyclocondensation of Hydroxylamine with 1,3-Bis(het)arylmonothio 1,3-Diketones and 1,3-Bis(het)aryl-3-(methylthio)-2-propenones: Synthesis of 3,5-Bis(het)arylisoxazoles with Complementary Regioselectivity. <i>European Journal of Organic Chemistry</i> , 2014, 2014, 1882-1892.	2.4	45
17	Discovery of a small-molecule inhibitor of specific serine residue BAD phosphorylation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, E10505-E10514.	7.1	45
18	Synthesis, characterization and cytotoxicity studies of 1,2,3-triazoles and 1,2,4-triazolo [1,5-a] pyrimidines in human breast cancer cells. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2018, 28, 2314-2319.	2.2	45

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19	Development of Novel Triazolo-Thiadiazoles from Heterogeneous "Green" Catalysis as Protein Tyrosine Phosphatase 1B Inhibitors. <i>Scientific Reports</i> , 2015, 5, 14195.	3.3	44
20	Identification of Novel Class of Triazolo-Thiadiazoles as Potent Inhibitors of Human Heparanase and their Anticancer Activity. <i>BMC Cancer</i> , 2017, 17, 235.	2.6	44
21	Screening of quinoline, 1,3-benzoxazine, and 1,3-oxazine-based small molecules against isolated methionyl-tRNA synthetase and A549 and HCT116 cancer cells including an in silico binding mode analysis. <i>Organic and Biomolecular Chemistry</i> , 2015, 13, 9381-9387.	2.8	43
22	Novel Adamantanyl-Based Thiadiazolyl Pyrazoles Targeting EGFR in Triple-Negative Breast Cancer. <i>ACS Omega</i> , 2016, 1, 1412-1424.	3.5	43
23	An azaspirane derivative suppresses growth and induces apoptosis of ER-positive and ER-negative breast cancer cells through the modulation of JAK2/STAT3 signaling pathway. <i>International Journal of Oncology</i> , 2016, 49, 1221-1229.	3.3	41
24	Synthesis and characterization of novel oxazines and demonstration that they specifically target cyclooxygenase 2. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2015, 25, 2931-2936.	2.2	40
25	Adamantyl-tethered-biphenylic compounds induce apoptosis in cancer cells by targeting Bcl homologs. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2016, 26, 1056-1060.	2.2	40
26	Kinetic and mechanistic studies of oxidation of arginine, histidine, and threonine in alkaline medium by N-chloro-N-sodio-p-toluenesulfonamide. <i>International Journal of Chemical Kinetics</i> , 1982, 14, 1183-1197.	1.6	39
27	Novel Synthetic Oxazines Target NF- κ B in Colon Cancer In Vitro and Inflammatory Bowel Disease In Vivo. <i>PLoS ONE</i> , 2016, 11, e0163209.	2.5	39
28	Synthesis, biological evaluation and <i>in silico</i> and <i>in vitro</i> mode-of-action analysis of novel dihydropyrimidones targeting PPAR- β . <i>RSC Advances</i> , 2014, 4, 45143-45146.	3.6	37
29	SERS and MD simulation studies of a kinase inhibitor demonstrate the emergence of a potential drug discovery tool. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 10416-10421.	7.1	37
30	Anti-Cancer Activity of 2,4-Disubstituted Thiophene Derivatives: Dual Inhibitors of Lipoxygenase and Cyclooxygenase. <i>Medicinal Chemistry</i> , 2015, 11, 462-472.	1.5	37
31	N-Substituted Pyrido-1,4-Oxazin-3-Ones Induce Apoptosis of Hepatocellular Carcinoma Cells by Targeting NF- κ B Signaling Pathway. <i>Frontiers in Pharmacology</i> , 2018, 9, 1125.	3.5	35
32	Synthesis and antiproliferative efficiency of novel bis(imidazol-1-yl)vinyl-1,2,4-oxadiazoles. <i>New Journal of Chemistry</i> , 2016, 40, 2823-2828.	2.8	34
33	Easy access for the synthesis of 2-aryl 2,3-dihydroquinazolin-4(1H)-ones using gem-dibromomethylarenes as synthetic aldehyde equivalent. <i>RSC Advances</i> , 2014, 4, 34479-34486.	3.6	33
34	Synthesis and Characterization of 5-Substituted Novel Isoxazolidines Derived from 1,3-Dipolar Cycloaddition of Nitrones with Olefins: Studies of Antibacterial and Antifungal Activities. <i>Synthetic Communications</i> , 2003, 33, 1545-1555.	2.1	28
35	A One Pot Synthesis of Novel Bioactive Tri-Substitute-Condensed-Imidazopyridines that Targets Snake Venom Phospholipase A2. <i>PLoS ONE</i> , 2015, 10, e0131896.	2.5	26
36	A novel approach for the synthesis of imidazo and triazolopyridines from dithioesters. <i>New Journal of Chemistry</i> , 2016, 40, 7637-7642.	2.8	25

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37	Brucein D modulates MAPK signaling cascade to exert multi-faceted anti-neoplastic actions against breast cancer cells. <i>Biochimie</i> , 2021, 182, 140-151.	2.6	25
38	Crocetin imparts antiproliferative activity via inhibiting <sc>STAT3</sc> signaling in hepatocellular carcinoma. <i>IUBMB Life</i> , 2021, 73, 1348-1362.	3.4	25
39	Diastereoselective synthesis of fused oxazolidines and highly substituted 1H-pyrrolo [2,1-c][1,4] oxazines via C-H functionalization. <i>RSC Advances</i> , 2015, 5, 61664-61670.	3.6	24
40	Oxidation of L-glutamine by manganese(III) in aqueous sulfuric acid, acetic acid, and pyrophosphate media: A kinetic and mechanistic study. <i>International Journal of Chemical Kinetics</i> , 1998, 30, 7-19.	1.6	23
41	Transition metal free intramolecular S-arylation: one-pot synthesis of thiochromen-4-ones. <i>Tetrahedron Letters</i> , 2013, 54, 6533-6537.	1.4	23
42	Highly diastereoselective synthesis of polycyclic amines via redox neutral C-H functionalization. <i>New Journal of Chemistry</i> , 2015, 39, 8397-8404.	2.8	23
43	Tris(dibenzylideneacetone)dipalladium(0) (Tris DBA) Abrogates Tumor Progression in Hepatocellular Carcinoma and Multiple Myeloma Preclinical Models by Regulating the STAT3 Signaling Pathway. <i>Cancers</i> , 2021, 13, 5479.	3.7	23
44	Synthesis and in vivo anticancer and antiangiogenic effects of novel thioxothiazolidin-4-one derivatives against transplantable mouse tumor. <i>Medicinal Chemistry Research</i> , 2010, 19, 236-249.	2.4	22
45	Practical and Green Protocol for the Synthesis of Substituted 4-H-Chromenes Using Room Temperature Ionic Liquid Choline Chloride-Urea. <i>Journal of Heterocyclic Chemistry</i> , 2012, 49, 851-855.	2.6	22
46	Cyclocondensation of 2-(aryl/heteroaryl)methylaminoenones with thionyl chloride: a facile general approach for the synthesis of 2,4-bis(het)aryl-5(het)aroylthiazoles. <i>Tetrahedron Letters</i> , 2013, 54, 5288-5292.	1.4	22
47	An Overview of Recent Developments in the Synthesis of Substituted Thiazoles. <i>ChemistrySelect</i> , 2020, 5, 5629-5656.	1.5	22
48	A Nano-MgO and Ionic Liquid-Catalyzed "Green" Synthesis Protocol for the Development of Adamantyl-Imidazo-Thiadiazoles as Anti-Tuberculosis Agents Targeting Sterol 14 α -Demethylase (CYP51). <i>PLoS ONE</i> , 2015, 10, e0139798.	2.5	21
49	Tandem approach for the synthesis of 3-sulfonylimidazo[1,5-a]pyridines from dithioesters. <i>RSC Advances</i> , 2016, 6, 48375-48378.	3.6	21
50	Osmium (VIII) catalyzed kinetics and mechanism of indoles oxidation with Aryl-N-haloamines in alkaline medium. <i>International Journal of Chemical Kinetics</i> , 1996, 28, 265-274.	1.6	20
51	Kinetics and mechanism of oxidation of neutral α -amino acids by sodium N-chloro-p-toluenesulfonamide in acid medium. <i>International Journal of Chemical Kinetics</i> , 2002, 34, 49-55.	1.6	20
52	Attempted Simon-Smith reaction on 2-alkylthio-2,5-unsaturated ketones: a regioselective synthesis of 2,4-disubstituted thiophenes. <i>Tetrahedron Letters</i> , 2013, 54, 147-150.	1.4	20
53	Novel PARP inhibitors sensitize human leukemic cells in an endogenous PARP activity dependent manner. <i>RSC Advances</i> , 2016, 6, 6308-6319.	3.6	20
54	Recyclable, Graphite-Catalyzed, Four-Component Synthesis of Functionalized Pyrroles. <i>Synthetic Communications</i> , 2014, 44, 1103-1110.	2.1	19

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55	Simultaneous removal of dye and heavy metals in a single step reaction using PVA/MWCNT composites. <i>Analytical Methods</i> , 2016, 8, 2408-2412.	2.7	19
56	An Easy and Efficient Method for the Synthesis of Quinoxalines Using Recyclable and Heterogeneous Nanomagnetic-Supported Acid Catalyst under Solvent-Free Condition. <i>ChemistrySelect</i> , 2018, 3, 5228-5232.	1.5	18
57	Kinetics and Mechanism of the Oxidation of Uronic Acids by Sodium <i>N</i> -Chlorobenzenesulphonamide in Alkaline Medium. <i>Journal of Carbohydrate Chemistry</i> , 1997, 16, 359-371.	1.1	17
58	Novel 1,3,4-oxadiazole Targets STAT3 Signaling to Induce Antitumor Effect in Lung Cancer. <i>Biomedicines</i> , 2020, 8, 368.	3.2	17
59	Sequence dependence of oxidation of some repeating pentapeptide sequences of elastin with electrolytically generated Mn(III): synthesis, kinetics and mechanistic study. <i>Journal of Physical Organic Chemistry</i> , 2001, 14, 716-724.	1.9	16
60	One-pot synthesis of 2,3-substituted benzo[b]thiophenes via Cu catalysed intramolecular cyclisation from dithioesters. <i>RSC Advances</i> , 2015, 5, 29939-29946.	3.6	16
61	Synthesis, antimalarial activity, and target binding of dibenzazepine-tethered isoxazolines. <i>RSC Advances</i> , 2015, 5, 90408-90421.	3.6	16
62	Base-Induced Cyclization of Active Methylene Isocyanides with Xanthate Esters: An Efficient Method for the Synthesis of 5-Alkoxy-4-(tosyl/ethoxycarbonyl)-1,3-thiazoles. <i>Synlett</i> , 2017, 28, 2281-2284.	1.8	16
63	MECHANISTIC INVESTIGATIONS OF THE OXIDATION OF SUBSTITUTED PHENETHYL ALCOHOLS BY MANGANESE(III) SULFATE CATALYZED BY RUTHENIUM(III) IN ACID SOLUTION. <i>Synthesis and Reactivity in Inorganic, Metal Organic, and Nano Metal Chemistry</i> , 2001, 31, 1499-1518.	1.8	13
64	T3P catalyzed one pot three-component synthesis of 2,3-disubstituted 3H-quinazolin-4-ones. <i>Chinese Chemical Letters</i> , 2015, 26, 963-968.	9.0	13
65	Discovery of Novel Approach for Regioselective Synthesis of Thioxotriaza-Spiro Derivatives via Oxalic Acid. <i>Synlett</i> , 2019, 30, 2004-2009.	1.8	12
66	Innovative approach for the synthesis of N-substituted amides from nitriles and alcohols using propylphosphonic anhydride (T3P) under solvent-free conditions. <i>Synthetic Communications</i> , 2019, 49, 2106-2116.	2.1	12
67	Structural studies of 2,5-disubstituted 1,3,4-thiadiazole derivatives from dithioesters under the mild condition: Studies on antioxidant, antimicrobial activities, and molecular docking. <i>Synthetic Communications</i> , 2020, 50, 1528-1544.	2.1	11
68	Histidine as a catalyst in organic synthesis: A facile in situ synthesis of \pm , N-diarylnitrones. <i>Journal of Chemical Sciences</i> , 2001, 113, 291-296.	1.5	10
69	N-bromosuccinimide oxidation of dipeptides and their amino acids: Synthesis, kinetics and mechanistic studies. <i>International Journal of Chemical Kinetics</i> , 2006, 38, 376-385.	1.6	10
70	Trifluoroethanol as a Metal-Free, Homogeneous, and Recyclable Medium for the Efficient One-Pot Synthesis of Dihydropyrimidones. <i>Synthetic Communications</i> , 2012, 42, 424-433.	2.1	10
71	Mechanistic Investigations of Oxidation of Amino Sugars by Sodium <i>N</i> -Chloro- <i>P</i> -Toluenesulfonamide in Alkaline Medium. <i>Journal of Carbohydrate Chemistry</i> , 1997, 16, 343-358.	1.1	9
72	Zeolite HY Catalyst for the Synthesis of Benzimidazole and its 2-alkyl, aryl and Heteroaryl Derivatives Under Microwave Irradiation and Solvent-Free Condition. <i>Synthesis and Reactivity in Inorganic, Metal Organic, and Nano Metal Chemistry</i> , 2009, 39, 425-427.	0.6	9

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73	Virtual analysis of structurally diverse synthetic analogs as inhibitors of snake venom secretory phospholipase A ₂ . <i>Journal of Molecular Recognition</i> , 2016, 29, 22-32.	2.1	9
74	I ₂ -Catalyzed transformation of <i>o</i> -aminobenzamide to <i>o</i> -ureidobenzonitrile using isothiocyanates. <i>Organic and Biomolecular Chemistry</i> , 2020, 18, 2678-2684.	2.8	9
75	The reaction of arylmethyl isocyanides and arylmethylamines with xanthate esters: a facile and unexpected synthesis of carbamothioates. <i>Beilstein Journal of Organic Chemistry</i> , 2020, 16, 159-167.	2.2	9
76	SYNTHESIS, CHARACTERIZATION, AND BIOLOGICAL STUDIES OF NOVEL ISOXAZOLIDINES: 1,3-DIPOLAR CYCLOADDITION REACTIONS. <i>Synthetic Communications</i> , 2002, 32, 1887-1890.	2.1	8
77	Antiangiogenic and growth inhibitory effects of synthetic novel 1, 5-diphenyl-1,4 pentadiene-3-one-3-yl-ethanone pyridine curcumin analogues on Ehrlich ascites tumor in vivo. <i>Medicinal Chemistry Research</i> , 2008, 17, 515-529.	2.4	8
78	Catalyst free sequential one-pot reaction for the synthesis of 3-indole propanoates/propanoic acid/propanamides as antituberculosis agents. <i>Journal of the Chinese Chemical Society</i> , 2021, 68, 39-44.	1.4	8
79	Structure-property relationship in thioxotriaza-spiro derivative: Crystal structure and molecular docking analysis against SARS-CoV-2 main protease. <i>Journal of Molecular Structure</i> , 2022, 1250, 131746.	3.6	8
80	Anodically Generated Manganese(III) Oxidation of L-Serine and DL-Threonine in Aqueous Acetic Acid Medium: Kinetics and Mechanism. <i>Synthesis and Reactivity in Inorganic, Metal Organic, and Nano Metal Chemistry</i> , 1997, 27, 1329-1346.	1.8	7
81	Manganese(III) Oxidation of L-Lysine and L-Histidine in Pyrophosphate Solution: A Kinetic and Mechanistic Study. <i>Synthesis and Reactivity in Inorganic, Metal Organic, and Nano Metal Chemistry</i> , 1998, 28, 275-294.	1.8	7
82	Hydrophobicity dependence of oxidation of tetrapeptides of elastin sequences with Mn(III): Synthesis, characterization, kinetics, and mechanistic study. <i>International Journal of Chemical Kinetics</i> , 2002, 34, 39-48.	1.6	7
83	Alkaline hexacyanoferrate(III) oxidation of substituted 4-oxo acids: a mechanistic study. <i>Journal of Physical Organic Chemistry</i> , 2005, 18, 1042-1049.	1.9	7
84	Synthesis, characterization, crystal and molecular structure analysis of a novel 1-benzhydryl piperazine derivative: 1-benzhydryl-4-(2-nitro-benzenesulfonyl)-piperazine. <i>Structural Chemistry</i> , 2008, 19, 765-770.	2.0	7
85	Synthesis and in vitro antiproliferative activity of diphenyl(sulphonylpiperidin-4-yl)methanol derivatives. <i>Medicinal Chemistry Research</i> , 2010, 19, 220-235.	2.4	7
86	Triazole-Pyridine Dicarbonitrile Targets Phosphodiesterase 4 to Induce Cytotoxicity in Lung Carcinoma Cells. <i>Chemistry and Biodiversity</i> , 2019, 16, e1900234.	2.1	7
87	A convenient way for alkylation of amines using xanthate esters. <i>Synthetic Communications</i> , 2021, 51, 2316-2323.	2.1	7
88	SYNTHESIS AND KINETICS OF OXIDATION OF SOME TRIPEPTIDES OF ELASTIN SEQUENCES WITH ANODICALLY GENERATED MANGANESE(III) SULFATE: A MECHANISTIC STUDY. <i>Synthesis and Reactivity in Inorganic, Metal Organic, and Nano Metal Chemistry</i> , 2001, 31, 1109-1126.	1.8	6
89	Anodically generated manganese(III) sulphate for the oxidation of dipeptides in aqueous sulphuric acid medium: A kinetic study. <i>Journal of Chemical Sciences</i> , 2004, 116, 49-53.	1.5	6
90	Microwave-Assisted Synthesis and Crystal Structure of 1-(4-Chlorophenyl)-4,5-diphenyl-2-(3,4,5-trimethoxy-phenyl)-1H-imidazole. <i>Molecular Crystals and Liquid Crystals</i> , 2009, 515, 199-206.	0.9	6

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91	Novel and Efficient Method for the Synthesis of Racemic Fexofenadine. <i>Synthetic Communications</i> , 2011, 41, 2296-2303.	2.1	6
92	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
93	MOLPRINT 2D-based identification and synthesis of novel chromene based small molecules that target PLA2: validation through chemo- and bioinformatics approaches. <i>RSC Advances</i> , 2015, 5, 89797-89808.	3.6	6
94	A novel and facile synthesis of 3,5-Disubstituted isothiozoles under metal free conditions using acetophenones and dithioesters. <i>Synthetic Communications</i> , 2020, 50, 2647-2654.	2.1	6
95	Synthesis and molecular structure analysis of venlafaxine intermediate and its analog. <i>Journal of Chemical Crystallography</i> , 2005, 35, 957-963.	1.1	5
96	N-Methyl Morpholine Chlorochromate: An Efficient Reagent for Oxidation of Primary and Secondary Alcohols to Carbonyl Compounds. <i>Synthetic Communications</i> , 2008, 38, 2638-2645.	2.1	5
97	Viper venom hyaluronidase and its potential inhibitor analysis: a multipronged computational investigation. <i>Journal of Biomolecular Structure and Dynamics</i> , 2017, 35, 1979-1989.	3.5	5
98	Oxidation of substituted phenethyl alcohols by sodiumN-chlorobenzenesulphonamide: A kinetic study. <i>Journal of Physical Organic Chemistry</i> , 1996, 9, 279-286.	1.9	4
99	OXIDATION OF URONIC ACIDS BY MANGANESE(III) SULFATE IN ACID SOLUTION: A KINETIC AND MECHANISTIC STUDY. <i>Synthesis and Reactivity in Inorganic, Metal Organic, and Nano Metal Chemistry</i> , 2001, 31, 713-723.	1.8	4
100	A NOVEL MECHANISM FOR THE OXIDATION OF ERYTHRO-SERIES PENTOSE AND HEXOSE BY N-ARYLBROMOSULPHONAMIDES IN ALKALINE MEDIUM. <i>Journal of Carbohydrate Chemistry</i> , 2002, 21, 219-234.	1.1	4
101	A facile route for the synthesis of novel β -lactams. <i>Journal of Heterocyclic Chemistry</i> , 2003, 40, 607-609.	2.6	4
102	Structural Conformation of a Novel 1-Benzhydrylpiperazine Derivative: 1-Benzhydryl-4-(toluene-4-sulfonyl)-piperazine. <i>Journal of Chemical Crystallography</i> , 2009, 39, 395-398.	1.1	4
103	Oxidation of α -amino acids by metal ion (Mn^{3+}) in sulfuric acid medium: Effect of nucleophilicity and hydrophobicity on reaction rate. <i>International Journal of Chemical Kinetics</i> , 2011, 43, 599-607.	1.6	4
104	Ruthenium(III)-catalyzed mechanistic studies of oxidation of benzhydrols by sodiumN-chloro-p-toluenesulfonamide in HCl medium. <i>International Journal of Chemical Kinetics</i> , 1997, 29, 773-780.	1.6	3
105	Crystal Structures of Two Triazoles. <i>Molecular Crystals and Liquid Crystals</i> , 1998, 319, 137-146.	0.3	3
106	Title is missing!. <i>Journal of Chemical Crystallography</i> , 2000, 30, 255-258.	1.1	3
107	Synthesis and Crystal Structure of 4-(1,3-Diphenyl-1H-pyrazol-5-yl)pyridine. <i>X-ray Structure Analysis Online</i> , 2010, 26, 75-76.	0.2	3
108	Crystal and molecular structure studies of 1-Benzyl-8-(4-fluorobenzyl)-8-azaspiro[bicyclo-[3.2.1]octane-3,4-imidazolidine]-2,5-dione. <i>Journal of Structural Chemistry</i> , 2011, 52, 959-963.	1.0	3

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109	Crystal and Molecular Structure Studies of 1- <i>Benzyl-8-(4-fluorobenzyl)-8-azaspiro[bicyclo-[3.2.1]octane-3,4-imidazolodine]-2,5-dione</i> . <i>Journal of Chemical Crystallography</i> , 2012, 42, 504-507.		3
110	Synthesis and biological evaluation of theophylline acetohydrazone derivatives as antituberculosis agents. <i>Journal of the Chinese Chemical Society</i> , 2020, 67, 1453-1461.	1.4	3
111	Leelamine Exerts Antineoplastic Effects in Association with Modulating Mitogen-Activated Protein Kinase Signaling Cascade. <i>Nutrition and Cancer</i> , 2022, 74, 3375-3387.	2.0	3
112	Kinetics of oxidation of α -amino acids by sodium N-bromo benzenesulfonamide. <i>Reaction Kinetics and Catalysis Letters</i> , 1983, 23, 181-186.	0.6	2
113	Manganese(III) oxidation of L-serine in aqueous sulfuric acid medium: Kinetics and mechanism. <i>International Journal of Chemical Kinetics</i> , 1999, 31, 525-530.	1.6	2
114	Synthesis and Characterization of Thymidine Adducts of Arylamines. <i>Synthetic Communications</i> , 2003, 33, 259-264.	2.1	2
115	Crystal Structure Analysis of a Bioactive Piperazine Analog: 1-[Bis-(4-fluorophenyl)-methyl]-4-methane Sulfonyl Piperazine. <i>Molecular Crystals and Liquid Crystals</i> , 2007, 469, 89-97.	0.9	2
116	Synthesis and Crystal Structure of 1-Benzenesulfonyl-4-benzhydryl-piperazine. <i>Molecular Crystals and Liquid Crystals</i> , 2007, 469, 111-119.	0.9	2
117	Synthesis and Crystal Structure Studies of a Novel Bioactive Heterocycle: 1-Benzhydryl-4-phenylmethane Sulfonyl Piperazine. <i>Journal of Chemical Crystallography</i> , 2007, 37, 727-731.	1.1	2
118	Inhibition of gastric H^+ , K^+ -ATPase by novel thiazolidinone derivatives. <i>Journal of Sulfur Chemistry</i> , 2010, 31, 189-196.	2.0	2
119	Synthesis and Structural Studies of 2-((3-Methyl-4-(2,2,2-trifluoroethoxy)pyridin-2-yl)methylthio)-1-(methylsulfonyl)-1 <i>H</i> -benzo[d]imidazole. <i>X-ray Structure Analysis Online</i> , 2013, 29, 47-48.	0.2	2
120	Crystal structure of ATP-binding subunit of an ABC transporter from <i>Geobacillus kaustophilus</i> . <i>Biochemical and Biophysical Research Communications</i> , 2015, 459, 113-117.	2.1	2
121	A Green Synthesis of 1,5-Benzodiazepines using Reusable-Heterogeneous Silica Sulfuric Acid Catalyst under Solvent-Free Conditions and their Antileukemic Activity. <i>Asian Journal of Chemistry</i> , 2021, 33, 1006-1012.	0.3	2
122	Catalyst-free, one-pot strategy to access 3-substituted-5-amino-1,2,4-thiadiazoles in water. <i>Synthetic Communications</i> , 2021, 51, 3610-3619.	2.1	2
123	Oxidation of substituted phenethyl alcohols by sodium N-chlorobenzenesulphonamide: A kinetic study. <i>Journal of Physical Organic Chemistry</i> , 1996, 9, 439-446.	1.9	1
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128	Synthesis and Crystal Structure of 1-Benzhydryl-4-Methane-Sulfonyl-Piperazine. <i>Molecular Crystals and Liquid Crystals</i> , 2007, 474, 67-76.	0.9	1
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