

Kothanahally S Sharath Kumar

List of Publications by Year in descending order

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Version: 2024-02-01

33
papers

1,103
citations

279798

23
h-index

395702

33
g-index

34
all docs

34
docs citations

34
times ranked

956
citing authors

#	ARTICLE	IF	CITATIONS
1	Pyrazole-based analogs as potential antibacterial agents against methicillin-resistance staphylococcus aureus (MRSA) and its SAR elucidation. <i>European Journal of Medicinal Chemistry</i> , 2021, 212, 113134.	5.5	92
2	Employing siRNA tool and its delivery platforms in suppressing cisplatin resistance: Approaching to a new era of cancer chemotherapy. <i>Life Sciences</i> , 2021, 277, 119430.	4.3	68
3	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
4	AIE-featured tetraphenylethylene nanoarchitectures in biomedical application: Bioimaging, drug delivery and disease treatment. <i>Coordination Chemistry Reviews</i> , 2021, 447, 214135.	18.8	59
5	A key review on oxadiazole analogs as potential methicillin-resistant <i>Staphylococcus aureus</i> (MRSA) activity: Structure-activity relationship studies. <i>European Journal of Medicinal Chemistry</i> , 2021, 219, 113442.	5.5	58
6	Antiproliferative and tumor inhibitory studies of 2,3 disubstituted 4-thiazolidinone derivatives. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2015, 25, 3616-3620.	2.2	52
7	Benzimidazole analogues as efficient arsenals in war against methicillin-resistance staphylococcus aureus (MRSA) and its SAR studies. <i>Bioorganic Chemistry</i> , 2021, 115, 105175.	4.1	49
8	Synthesis and antiproliferative effect of novel 4-thiazolidinone-, pyridine- and piperazine-based conjugates on human leukemic cells. <i>European Journal of Medicinal Chemistry</i> , 2014, 81, 341-349.	5.5	48
9	Heterogeneous graphitic carbon nitrides in visible-light-initiated organic transformations. <i>Green Chemistry</i> , 2022, 24, 438-479.	9.0	47
10	ZrO ₂ - β -cyclodextrin catalyzed synthesis of 2,4,5-trisubstituted imidazoles and 1,2-disubstituted benzimidazoles under solvent free conditions and evaluation of their antibacterial study. <i>RSC Advances</i> , 2015, 5, 75533-75546.	3.6	45
11	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
12	A novel benzimidazole derivative binds to the DNA minor groove and induces apoptosis in leukemic cells. <i>RSC Advances</i> , 2015, 5, 93194-93208.	3.6	40
13	ZnO: An Ecofriendly, Green Nano-catalyst for the Synthesis of Pyrazole Derivatives under Aqueous Media. <i>Journal of the Chinese Chemical Society</i> , 2014, 61, 1175-1179.	1.4	37
14	Synthesis and antiproliferative studies of curcumin pyrazole derivatives. <i>Medicinal Chemistry Research</i> , 2016, 25, 1842-1851.	2.4	36
15	T3P®-DMSO mediated one pot cascade protocol for the synthesis of 4-thiazolidinones from alcohols. <i>Tetrahedron Letters</i> , 2012, 53, 5619-5623.	1.4	33
16	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
17	ZrO ₂ -supported Cu(β -cyclodextrin) complex: construction of 2,4,5-trisubstituted-1,2,3-triazoles via azide-chalcone oxidative cycloaddition and post-triazole alkylation. <i>RSC Advances</i> , 2014, 4, 55800-55806.	3.6	32
18	A Catalyst-free Green Protocol for the Synthesis of Pyranopyrazoles Using Room Temperature Ionic Liquid Choline Chloride-urea. <i>Journal of Heterocyclic Chemistry</i> , 2014, 51, 1866-1870.	2.6	30

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19	Induction of apoptosis and downregulation of ER α in DMBA-induced mammary gland tumors in Sprague-Dawley rats by synthetic 3,5-disubstituted isoxazole derivatives. <i>Molecular and Cellular Biochemistry</i> , 2016, 420, 141-150.	3.1	30
20	Novel oxolane derivative DMTD mitigates high glucose-induced erythrocyte apoptosis by regulating oxidative stress. <i>Toxicology and Applied Pharmacology</i> , 2017, 334, 167-179.	2.8	30
21	ST09, A Novel Curcumin Derivative, Blocks Cell Migration by Inhibiting Matrix Metalloproteases in Breast Cancer Cells and Inhibits Tumor Progression in EAC Mouse Tumor Models. <i>Molecules</i> , 2020, 25, 4499.	3.8	30
22	Regioselective synthesis and biological studies of novel 1-aryl-3, 5-bis (het) aryl pyrazole derivatives as potential antiproliferative agents. <i>Molecular and Cellular Biochemistry</i> , 2017, 426, 149-160.	3.1	26
23	Platelet protective efficacy of 3,4,5 trisubstituted isoxazole analogue by inhibiting ROS-mediated apoptosis and platelet aggregation. <i>Molecular and Cellular Biochemistry</i> , 2016, 414, 137-151.	3.1	25
24	A trisubstituted pyrazole derivative reduces DMBA-induced mammary tumor growth in rats by inhibiting estrogen receptor- α expression. <i>Molecular and Cellular Biochemistry</i> , 2018, 449, 137-144.	3.1	25
25	Synthetic Utility of Propylphosphonic Anhydride in DMSO Media: An Efficient One-pot Three-component Synthesis of 2-Arylquinolines. <i>Chemistry Letters</i> , 2013, 42, 1073-1075.	1.3	24
26	Regioselective competitive synthesis of 3,5-bis(het) aryl pyrrole-2-carboxylates/carbonitriles vs. β -enaminones from β -thioxoketones. <i>Tetrahedron Letters</i> , 2021, 82, 153373.	1.4	10
27	Synthesis and Biological Evaluation of Novel Thiazol-2yl-amine Derivatives as Potential Anticancer Agents. <i>Letters in Organic Chemistry</i> , 2018, 15, 270-281.	0.5	9
28	The synthesis of a novel pentoxifylline derivative with superior human sperm motility enhancement properties. <i>New Journal of Chemistry</i> , 2021, 45, 1072-1081.	2.8	8
29	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
30	Identification of β -aminopyrrolidine containing peptides as β -amyloid aggregation inhibitors for Alzheimer's disease. <i>Journal of Peptide Science</i> , 2022, 28, e3386.	1.4	8
31	Pyrrolidine-based cationic β -peptide: a DNA-binding molecule works as a potent anti-gene agent. <i>Medicinal Chemistry Research</i> , 2022, 31, 507-516.	2.4	5
32	Transition Metal Free Chemoselective Reduction of α,β -Unsaturated Ketones to Saturated Ketones Using Tosyl Hydrazide as a Hydrogen Donor. <i>Chinese Journal of Chemistry</i> , 2015, 33, 181-184.	4.9	4
33	ZrO ₂ Nanoparticles-Supported Cu ₂ (II)- β -Cyclodextrin Mediated Synthesis of N-2 Substituted Tetrazoles by [2+3] Cycloaddition and Post Tetrazole Alkylation. <i>Asian Journal of Chemistry</i> , 2018, 30, 1093-1098.	0.3	2