Kothanahally S Sharath Kumar

List of Publications by Year
in descending order

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	Identification of Î²â€aminopyrrolidine containing peptides as Î²â€amyloid aggregation inhibitors for Alzheimer's disease. Journal of Peptide Science, 2022, 28, e3386.	1.4	8
2	Heterogeneous graphitic carbon nitrides in visible-light-initiated organic transformations. Green Chemistry, 2022, 24, 438-479.	9.0	47
3	Pyrrolidine-based cationic Î³-peptide: a DNA-binding molecule works as a potent anti-gene agent. Medicinal Chemistry Research, 2022, 31, 507-516.	2.4	5
4	The synthesis of a novel pentoxifylline derivative with superior human sperm motility enhancement properties. New Journal of Chemistry, 2021, 45, 1072-1081.	2.8	8
5	Pyrazole-based analogs as potential antibacterial agents against methicillin-resistance staphylococcus aureus (MRSA) and its SAR elucidation. European Journal of Medicinal Chemistry, 2021, 212, 113134.	5.5	92
6	A key review on oxadiazole analogs as potential methicillin-resistant Staphylococcus aureus (MRSA) activity: Structure-activity relationship studies. European Journal of Medicinal Chemistry, 2021, 219, 113442.	5.5	58
7	Employing siRNA tool and its delivery platforms in suppressing cisplatin resistance: Approaching to a new era of cancer chemotherapy. Life Sciences, 2021, 277, 119430.	4.3	68
8	Regioselective competitive synthesis of 3,5-bis(het) aryl pyrrole-2-carboxylates/carbonitriles vs. Î²-enaminones from Î²-thioxoketones. Tetrahedron Letters, 2021, 82, 153373.	1.4	10
9	Benzimidazole analogues as efficient arsenals in war against methicillin-resistance staphylococcus aureus (MRSA) and its SAR studies. Bioorganic Chemistry, 2021, 115, 105175.	4.1	49
10	AIE-featured tetraphenylethylene nanoarchitectures in biomedical application: Bioimaging, drug delivery and disease treatment. Coordination Chemistry Reviews, 2021, 447, 214135.	18.8	59
11	Catalyst free sequential oneâ€pot reaction for the synthesis of 3â€indole propanoates/propanoic acid/propanamides as antituberculosis agents. Journal of the Chinese Chemical Society, 2021, 68, 39-44.	1.4	8
12	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. Molecules, 2020, 25, 4499.	3.8	30
13	ZrO2 Nanoparticles-Supported Cu2(II)-Î²-Cyclodextrin Mediated Synthesis of N-2 Substituted Tetrazoles by [2+3] Cycloaddition and Post Tetrazole Alkylation. Asian Journal of Chemistry, 2018, 30, 1093-1098.	0.3	2
14	A trisubstituted pyrazole derivative reduces DMBA-induced mammary tumor growth in rats by inhibiting estrogen receptor-Î± expression. Molecular and Cellular Biochemistry, 2018, 449, 137-144.	3.1	25
15	Synthesis and Biological Evaluation of Novel Thiazol-2yl-amine Derivatives as Potential Anticancer Agents. Letters in Organic Chemistry, 2018, 15, 270-281.	0.5	9
16	Novel oxolane derivative DMTD mitigates high glucose-induced erythrocyte apoptosis by regulating oxidative stress. Toxicology and Applied Pharmacology, 2017, 334, 167-179.	2.8	30
17	Regioselective synthesis and biological studies of novel 1-aryl-3, 5-bis (het) aryl pyrazole derivatives as potential antiproliferative agents. Molecular and Cellular Biochemistry, 2017, 426, 149-160.	3.1	26
18	Synthesis and antiproliferative studies of curcumin pyrazole derivatives. Medicinal Chemistry Research, 2016, 25, 1842-1851.	2.4	36

#	Article	IF	Citations
19	Induction of apoptosis and downregulation of ERÎ± in DMBA-induced mammary gland tumors in Sprague€“Dawley rats by synthetic 3,5-disubstituted isoxazole derivatives. Molecular and Cellular Biochemistry, 2016, 420, 141-150.	3.1	30
20	Platelet protective efficacy of 3,4,5 trisubstituted isoxazole analogue by inhibiting ROS-mediated apoptosis and platelet aggregation. Molecular and Cellular Biochemistry, 2016, 414, 137-151.	3.1	25
21	Synthesis and characterization of novel oxazines and demonstration that they specifically target cyclooxygenase 2. Bioorganic and Medicinal Chemistry Letters, 2015, 25, 2931-2936.	2.2	40
22	Transition Metal Free Chemoselective Reduction of Î±,Î²â€Unsaturated Ketones to Saturated Ketones Using Tosyl Hydrazide as a Hydrogen Donor. Chinese Journal of Chemistry, 2015, 33, 181-184.	4.9	4
23	Antiproliferative and tumor inhibitory studies of 2,3 disubstituted 4-thiazolidinone derivatives. Bioorganic and Medicinal Chemistry Letters, 2015, 25, 3616-3620.	2.2	52
24	A novel benzimidazole derivative binds to the DNA minor groove and induces apoptosis in leukemic cells. RSC Advances, 2015, 5, 93194-93208.	3.6	40
25	ZrO₂-Î²-cyclodextrin catalyzed synthesis of 2,4,5-trisubstituted imidazoles and 1,2-disubstituted benzimidazoles under solvent free conditions and evaluation of their antibacterial study. RSC Advances, 2015, 5, 75533-75546.	3.6	45
26	ZnO: An Ecofriendly, Green Nanoâ€catalyst for the Synthesis of Pyrazole Derivatives under Aqueous Media. Journal of the Chinese Chemical Society, 2014, 61, 1175-1179.	1.4	37
27	Synthesis and antiproliferative effect of novel 4-thiazolidinone-, pyridine- and piperazine-based conjugates on human leukemic cells. European Journal of Medicinal Chemistry, 2014, 81, 341-349.	5.5	48
28	A Catalystâ€free Green Protocol for the Synthesis of Pyranopyrazoles Using Room Temperature Ionic Liquid Choline Chlorideâ€urea. Journal of Heterocyclic Chemistry, 2014, 51, 1866-1870.	2.6	30
29	ZrO₂-supported Cu(<scp>ii</scp>)â€“Î²-cyclodextrin complex: construction of 2,4,5-trisubstituted-1,2,3-triazoles via azideâ€“chalcone oxidative cycloaddition and post-triazole alkylation. RSC Advances, 2014, 4, 55800-55806.	3.6	32
30	Easy access for the synthesis of 2-aryl 2,3-dihydroquinazolin-4(1H)-ones using gem-dibromomethylarenes as synthetic aldehyde equivalent. RSC Advances, 2014, 4, 34479-34486.	3.6	33
31	Synthetic Utility of Propylphosphonic Anhydrideâ€“DMSO Media: An Efficient One-pot Three-component Synthesis of 2-Arylquinolines. Chemistry Letters, 2013, 42, 1073-1075.	1.3	24
32	An Easy Access to 4,5-Disubstituted Thiazoles via Base-Induced Click Reaction of Active Methylene Isocyanides with Methyl Dithiocarboxylates. Synthesis, 2012, 44, 1373-1379.	2.3	60
33	T3PÂ®-DMSO mediated one pot cascade protocol for the synthesis of 4-thiazolidinones from alcohols. Tetrahedron Letters, 2012, 53, 5619-5623.	1.4	33