Satya Kumar Avula

List of Publications by Year
in descending order

28	341	840776 11	839539 18
papers	citations	h-index	g-index

28	28	28	405
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Synthesis of 1H-1,2,3-triazole derivatives as new Î±-glucosidase inhibitors and their molecular docking studies. Bioorganic Chemistry, 2018, 81, 98-106.	4.1	75
2	Sulfonic acid functionalized silica as an efficient heterogeneous recyclable catalyst for oneâ€pot synthesis of 2â€substituted benziimidazoles. Journal of Heterocyclic Chemistry, 2008, 45, 1499-1502.	2.6	30
3	Incensfuran: isolation, X-ray crystal structure and absolute configuration by means of chiroptical studies in solution and solid state. RSC Advances, 2017, 7, 42357-42362.	3.6	26
4	Synthesis of novel (R)-4-fluorophenyl-1H-1,2,3-triazoles: A new class of Î±-glucosidase inhibitors. Bioorganic Chemistry, 2019, 91, 103182.	4.1	26
5	A Facile Synthesis of 3-[(N-Alkylanilino)(aryl)methyl]indoles Using TCTÂ¹. Synthesis, 2010, 2010, 914-916.	2.3	19
6	5- epi -Incensole: synthesis, X-ray crystal structure and absolute configuration by means of ECD and VCD studies in solution and solid state. Tetrahedron: Asymmetry, 2016, 27, 829-833.	1.8	17
7	New bioactive macrocyclic diterpenoids from Jatropha multifida. Bioorganic and Medicinal Chemistry Letters, 2011, 21, 6808-6810.	2.2	16
8	Edible Mushrooms as Novel Myco-Therapeutics: Effects on Lipid Level, Obesity and BMI. Journal of Fungi (Basel, Switzerland), 2022, 8, 211.	3.5	14
9	Exploring Dose-Dependent Cytotoxicity Profile of Gracilaria edulis-Mediated Green Synthesized Silver Nanoparticles against MDA-MB-231 Breast Carcinoma. Oxidative Medicine and Cellular Longevity, 2022, 2022, 1-15.	4.0	14
10	Synthesis of New 1H-1,2,3-Triazole Analogs in Aqueous Medium via â€œClickâ€•Chemistry: A Novel Class of Potential Carbonic Anhydrase-II Inhibitors. Frontiers in Chemistry, 2021, 9, 642614.	3.6	13
11	New synthetic 1H-1,2,3-triazole derivatives of 3-O-acetyl-Î²-boswellic acid and 3-O-acetyl-11-keto-Î²-boswellic acid from Boswellia sacra inhibit carbonic anhydrase II in vitro. Medicinal Chemistry Research, 2021, 30, 1185-1198.	2.4	12
12	Exploring the Bioactive Potentials of C60-AgNPs Nano-Composites against Malignancies and Microbial Infections. International Journal of Molecular Sciences, 2022, 23, 714.	4.1	10
13	Wet chemical development of CuO/GO nanocomposites: its augmented antimicrobial, antioxidant, and anticancerous activity. Journal of Materials Science: Materials in Medicine, 2021, 32, 151.	3.6	10
14	Cembranoids from Boswellia species. Phytochemistry, 2021, 191, 112897.	2.9	9
15	Simple Prolineâ€Derived Phosphineâ€Thiazole Iridium Complexes for Asymmetric Hydrogenation of Trisubstituted Olefins. Asian Journal of Organic Chemistry, 2013, 2, 674-680.	2.7	8
16	Synthesis and antimicrobial activity of 1H-1,2,3-triazole and carboxylate analogues of metronidazole. Beilstein Journal of Organic Chemistry, 2021, 17, 2377-2384.	2.2	8
17	Rapid, efficient and selective conjugate addition of thiols to Î±, Î²-unsaturated carbonyl compounds using silica supported sodium hydrogen sulfate under solvent-free conditions. Journal of Sulfur Chemistry, 2008, 29, 489-494.	2.0	5
18	A waste valorization strategy for the synthesis of phenols from (hetero)arylboronic acids using pomegranate peel ash extract. Green Chemistry Letters and Reviews, 2022, 15, 426-435.	4.7	5

#	Article	IF	Citations
19	Hydrophosphonylation of Benzoylhydrazones Using Iodine as a Catalyst: A Facile Synthesis of Î±-(Nâ€²-Acylhydrazino)-Substituted PhosphonatesÂ¹. Synthesis, 2010, 2010, 3113-3116.	2.3	4
20	Recent Advances in the Stereoselective Total Synthesis of Natural Pyranones Having Long Side Chains. Molecules, 2020, 25, 1905.	3.8	4
21	A distinct novel approach for the synthesis of 3-indolyl-methanamines starting from indoles, aldehydes and nitrobenzenes in water. RSC Advances, 2013, 3, 14308.	3.6	3
22	Efficient organocatalytic multicomponent synthesis of (Î±-aminoalkyl)phosphonates. Arabian Journal of Chemistry, 2016, 9, 787-791.	4.9	3
23	Naturally Occurring O-heterocycles as Anticancer Agents. Anti-Cancer Agents in Medicinal Chemistry, 2021, 21, .	1.7	3
24	Metalâ€Free Multicomponent Synthesis of (Î±â€Aminoalkyl)phosphonates Using 2,4,6â€Trichloroâ€1,3,5â€triazine. Helvetica Chimica Acta, 2011, 94, 1459-1462.	1.6	2
25	Total Synthesis of Surinamensinols A and B. SynOpen, 2020, 04, 84-88.	1.7	2
26	Heterogeneous Pd/C-catalyzed, ligand free Suzukiâ€“Miyaura coupling reaction furnishes new p-terphenyl derivatives. Natural Product Research, 2020, , 1-5.	1.8	2
27	Incensole derivatives from frankincense: Isolation, enhancement, synthetic modification, and a plausible mechanism of their anti-depression activity. Bioorganic Chemistry, 2022, 126, 105900.	4.1	1
28	Microwave-Assisted: An Efficient Aqueous Suzuki-Miyaura Cross-Coupling Reaction of the Substituted 1H-1,2,3-Triazoles. Current Microwave Chemistry, 2022, 09, .	0.8	0