

Satya Kumar Avula

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Exploring the Bioactive Potentials of C60-AgNPs Nano-Composites against Malignancies and Microbial Infections. <i>International Journal of Molecular Sciences</i> , 2022, 23, 714.	4.1	10
2	Edible Mushrooms as Novel Myco-Therapeutics: Effects on Lipid Level, Obesity and BMI. <i>Journal of Fungi</i> (Basel, Switzerland), 2022, 8, 211.	3.5	14
3	Exploring Dose-Dependent Cytotoxicity Profile of Gracilaria edulis-Mediated Green Synthesized Silver Nanoparticles against MDA-MB-231 Breast Carcinoma. <i>Oxidative Medicine and Cellular Longevity</i> , 2022, 1-15.	4.0	14
4	Microwave-Assisted: An Efficient Aqueous Suzuki-Miyaura Cross-Coupling Reaction of the Substituted 1H-1,2,3-Triazoles. <i>Current Microwave Chemistry</i> , 2022, 09, .	0.8	0
5	A waste valorization strategy for the synthesis of phenols from (hetero)arylboronic acids using pomegranate peel ash extract. <i>Green Chemistry Letters and Reviews</i> , 2022, 15, 426-435.	4.7	5
6	Incensole derivatives from frankincense: Isolation, enhancement, synthetic modification, and a plausible mechanism of their anti-depression activity. <i>Bioorganic Chemistry</i> , 2022, 126, 105900.	4.1	1
7	New synthetic 1H-1,2,3-triazole derivatives of 3-O-acetyl- $\hat{1}^2$ -boswellic acid and 3-O-acetyl-11-keto- $\hat{1}^2$ -boswellic acid from <i>Boswellia sacra</i> inhibit carbonic anhydrase II in vitro. <i>Medicinal Chemistry Research</i> , 2021, 30, 1185-1198.	2.4	12
8	Synthesis of New 1H-1,2,3-Triazole Analogs in Aqueous Medium via $\hat{1}^2$ -Click $\hat{1}^2$ -Chemistry: A Novel Class of Potential Carbonic Anhydrase-II Inhibitors. <i>Frontiers in Chemistry</i> , 2021, 9, 642614.	3.6	13
9	Synthesis and antimicrobial activity of 1<i>H</i>-1,2,3-triazole and carboxylate analogues of metronidazole. <i>Beilstein Journal of Organic Chemistry</i> , 2021, 17, 2377-2384.	2.2	8
10	Cembranoids from <i>Boswellia</i> species. <i>Phytochemistry</i> , 2021, 191, 112897.	2.9	9
11	Naturally Occurring O-heterocycles as Anticancer Agents. <i>Anti-Cancer Agents in Medicinal Chemistry</i> , 2021, 21, .	1.7	3
12	Wet chemical development of CuO/GO nanocomposites: its augmented antimicrobial, antioxidant, and anticancerous activity. <i>Journal of Materials Science: Materials in Medicine</i> , 2021, 32, 151.	3.6	10
13	Total Synthesis of Surinamensinols A and B. <i>SynOpen</i> , 2020, 04, 84-88.	1.7	2
14	Heterogeneous Pd/C-catalyzed, ligand free Suzuki $\hat{1}^2$ -Miyaura coupling reaction furnishes new p-terphenyl derivatives. <i>Natural Product Research</i> , 2020, , 1-5.	1.8	2
15	Recent Advances in the Stereoselective Total Synthesis of Natural Pyranones Having Long Side Chains. <i>Molecules</i> , 2020, 25, 1905.	3.8	4
16	Synthesis of novel (R)-4-fluorophenyl-1H-1,2,3-triazoles: A new class of $\hat{1}^2$ -glucosidase inhibitors. <i>Bioorganic Chemistry</i> , 2019, 91, 103182.	4.1	26
17	Synthesis of 1H-1,2,3-triazole derivatives as new $\hat{1}^2$ -glucosidase inhibitors and their molecular docking studies. <i>Bioorganic Chemistry</i> , 2018, 81, 98-106.	4.1	75
18	Incensfuran: isolation, X-ray crystal structure and absolute configuration by means of chiroptical studies in solution and solid state. <i>RSC Advances</i> , 2017, 7, 42357-42362.	3.6	26

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19	Efficient organocatalytic multicomponent synthesis of ($\hat{\pm}$ -aminoalkyl)phosphonates. <i>Arabian Journal of Chemistry</i> , 2016, 9, 787-791.	4.9	3
20	5- epi -Incensole: synthesis, X-ray crystal structure and absolute configuration by means of ECD and VCD studies in solution and solid state. <i>Tetrahedron: Asymmetry</i> , 2016, 27, 829-833.	1.8	17
21	A distinct novel approach for the synthesis of 3-indolyl-methanamines starting from indoles, aldehydes and nitrobenzenes in water. <i>RSC Advances</i> , 2013, 3, 14308.	3.6	3
22	Simple Prolineâ€Derived Phosphineâ€Thiazole Iridium Complexes for Asymmetric Hydrogenation of Trisubstituted Olefins. <i>Asian Journal of Organic Chemistry</i> , 2013, 2, 674-680.	2.7	8
23	New bioactive macrocyclic diterpenoids from <i>Jatropha multifida</i> . <i>Bioorganic and Medicinal Chemistry Letters</i> , 2011, 21, 6808-6810.	2.2	16
24	Metalâ€Free Multicomponent Synthesis of ($\hat{\pm}$ -Aminoalkyl)phosphonates Using 2,4,6â€Trichloroâ€1,3,5â€triazine. <i>Helvetica Chimica Acta</i> , 2011, 94, 1459-1462.	1.6	2
25	Hydrophosphonylation of Benzoylhydrazones Using Iodine as a Catalyst: A Facile Synthesis of $\hat{\pm}$ -(Nâ€2-Acylhydrazino)-Substituted Phosphonates ¹ . <i>Synthesis</i> , 2010, 2010, 3113-3116.	2.3	4
26	A Facile Synthesis of 3-[(N-Alkylanilino)(aryl)methyl]indoles Using TCT ¹ . <i>Synthesis</i> , 2010, 2010, 914-916.	2.3	19
27	Sulfonic acid functionalized silica as an efficient heterogeneous recyclable catalyst for oneâ€pot synthesis of 2â€substituted benziimidazoles. <i>Journal of Heterocyclic Chemistry</i> , 2008, 45, 1499-1502.	2.6	30
28	Rapid, efficient and selective conjugate addition of thiols to $\hat{\pm}$, $\hat{2}$ -unsaturated carbonyl compounds using silica supported sodium hydrogen sulfate under solvent-free conditions. <i>Journal of Sulfur Chemistry</i> , 2008, 29, 489-494.	2.0	5