

Jaya Shree Anireddy

List of Publications by Year in descending order

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67
papers

800
citations

567281

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71
times ranked

1072
citing authors

#	ARTICLE	IF	CITATIONS
1	Novel heterocyclic 1,3,4-oxadiazole derivatives of fluoroquinolones as a potent antibacterial agent: Synthesis and computational molecular modeling. <i>Molecular Diversity</i> , 2022, 26, 1581-1596.	3.9	16
2	One pot, three component synthesis of fluoro and trifluoromethyl substituted unsymmetrical dihydropyrazine fused acridine-3-carboxamide using renewable 2-MeTHF solvent and their DFT studies. <i>Journal of Fluorine Chemistry</i> , 2022, 261-262, 110019.	1.7	12
3	Novel 1,2,3-triazolo phosphonate derivatives as potential antibacterial agents. <i>Journal of Heterocyclic Chemistry</i> , 2021, 58, 969-982.	2.6	5
4	Nonsteroidal anti-inflammatory drugs based new 1,2,3-triazole derivatives: Their design, one-pot synthesis and in vitro evaluation. <i>Journal of Heterocyclic Chemistry</i> , 2021, 58, 2018-2032.	2.6	10
5	Design and synthesis of oxaprozin-1,3,4-oxadiazole hybrids as potential anticancer and antibacterial agents. <i>Journal of Heterocyclic Chemistry</i> , 2020, 57, 1071-1082.	2.6	11
6	Synthesis of novel cytotoxic tetracyclic acridone derivatives and study of their molecular docking, ADMET, QSAR, bioactivity and protein binding properties. <i>Scientific Reports</i> , 2020, 10, 20720.	3.3	22
7	Development of a Novel and Scalable Process for the Synthesis of a Key Cangrelor Intermediate. <i>Organic Preparations and Procedures International</i> , 2019, 51, 530-536.	1.3	1
8	Stereoselective Synthesis for Potential Isomers of Ticagrelor Key Starting Material. <i>Journal of Heterocyclic Chemistry</i> , 2019, 56, 2866-2872.	2.6	6
9	Cross-dehydrogenative C(sp ³)–C(sp ³) coupling via C–H activation using magnetically retrievable ruthenium-based photoredox nanocatalyst under aerobic conditions. <i>Chemical Communications</i> , 2019, 55, 7402-7405.	4.1	36
10	Synthesis, Docking, and Bioavailability of 2-oxo-3-phenylspiro[cyclopropane-1,3-indoline]-2,2-dicarbonitriles as Antibacterial Agents In Silico. <i>Journal of Heterocyclic Chemistry</i> , 2019, 56, 209-217.		1
11	Synthesis and Biological Evaluation of New Ibuprofen-1,3,4-oxadiazole-1,2,3-triazole Hybrids. <i>Journal of Heterocyclic Chemistry</i> , 2019, 56, 296-305.	2.6	16
12	Synthesis, molecular modeling and evaluation of \pm -glucosidase inhibition activity of 3,4-dihydroxy piperidines. <i>European Journal of Medicinal Chemistry</i> , 2018, 150, 39-52.	5.5	26
13	Novel degradation products of argatroban: Isolation, synthesis and extensive characterization using NMR and LC-PDA-MS/Q-TOF. <i>Journal of Pharmaceutical Analysis</i> , 2018, 8, 86-95.	5.3	10
14	SYNTHESIS OF BENZOXAZEPINE DERIVATIVES FROM PYRAZOLE-CHALCONE VIA A SIMPLE AND CONVENIENT PROTOCOL USING BASIC ALUMINA AS SOLID SUPPORT. <i>Journal of the Chilean Chemical Society</i> , 2018, 63, 3983-3987.	1.2	5
15	Design and Synthesis of New Etodolac-Pyridazinones as Potent Anticancer Agents Using Pb(OAc) ₄ to Assist N–N Bond Formation. <i>ChemistrySelect</i> , 2018, 3, 5050-5054.	1.5	5
16	Design, Synthesis and Antibacterial Evaluation of Compounds Based on New Benzoxepine-oxime-1,2,3-triazole Hybrid. <i>Mini-Reviews in Medicinal Chemistry</i> , 2018, 18, 803-809.	2.4	15
17	<i>p</i> -TsOH-mediated, Versatile, and Efficient Approach for the Synthesis of Triazolyl-Carbazoles from Nitrovinylcarbazoles and Azide via 1, 3-Dipolar Cycloaddition. <i>Journal of Heterocyclic Chemistry</i> , 2017, 54, 1361-1368.	2.6	2
18	Design and synthesis of 1,2,3-triazole- <i>etodolac</i> hybrids as potent anticancer molecules. <i>RSC Advances</i> , 2017, 7, 23680-23686.	3.6	14

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19	Synthesis and α -glucosidase inhibition activity of dihydroxy pyrrolidines. Bioorganic and Medicinal Chemistry Letters, 2017, 27, 2818-2823.	2.2	47
20	Copper-catalyzed Synthesis of <i>N</i> -alkylated 2-(4-substituted-1 <i>H</i> -1,2,3-triazol-1-yl)-1 <i>H</i> -indole-3-carbaldehyde by Stepwise and One-pot Three-component Huisgen's 1,3-dipolar Cycloaddition Reaction. Journal of Heterocyclic Chemistry, 2017, 54, 3071-3076.	2.6	4
21	Synthesis, molecular modeling and biological evaluation of aza-flavanones as α -glucosidase inhibitors. MedChemComm, 2017, 8, 1618-1630.	3.4	9
22	A Green Synthesis of 2-Amino-9 <i>H</i> -carbazole(3 <i>H</i>)-thiophene-3-carbonitriles by a Stepwise and One-pot Three-component Gewald Reaction. Journal of Heterocyclic Chemistry, 2017, 54, 2471-2482.	2.6	8
23	Study on the Isolation and Chemical Investigation of Potential Impurities in Dexrazoxane Using 2D-NMR and LC-PDA-MS. Organic Process Research and Development, 2017, 21, 11-17.	2.7	3
24	1,2,3-Triazole-nimesulide hybrid: Their design, synthesis and evaluation as potential anticancer agents. Bioorganic and Medicinal Chemistry Letters, 2017, 27, 518-523.	2.2	45
25	Synthesis of spiroindene-1,3-dione isothiazolines via a cascade michael/1,3-dipolar cycloaddition reaction of 1,3,4-oxathiazol-2-one and 2-arylidene-1,3-indandiones. Tetrahedron Letters, 2017, 58, 578-581.	1.4	10
26	One-pot Selective Synthesis of 3,4-Disubstituted Pyrroles and Benzo[f]indole-4,9-diones from 1,3-Indanedione, Aromatic Aldehydes and TosMIC. ChemistrySelect, 2017, 2, 7246-7250.	1.5	14
27	Synthesis of 2,5-Disubstituted-1,3,4-oxadiazole Derivatives and Their Evaluation as Anticancer and Antimycobacterial Agents. ChemistrySelect, 2017, 2, 5492-5496.	1.5	12
28	Identification, Characterization and Synthesis of Process Related Unknown Impurity in Cetirizine Dihydrochloride. Asian Journal of Chemistry, 2017, 29, 409-413.	0.3	0
29	Simultaneous Determination of Related Organic Impurities of Ibuprofen and Paracetamol in Combination Solid Dosage Form by Rp-hplc With Qbd Approach. Oriental Journal of Chemistry, 2017, 33, 1461-1468.	0.3	24
30	Synthesis of Novel 2-Butyl-1 <i>H</i> -Benzo [4, 5] Imidazo [1, 2-A] Imidazo [4, 5-E] Pyridine-5-Carbonitrile Derivatives and Evaluation of Their Anticancer Activity. Oriental Journal of Chemistry, 2016, 32, 1381-1387.	0.3	0
31	Development and Validation of Miglitol and Its Impurities by RP-HPLC and Characterization Using Mass Spectrometry Techniques. Scientia Pharmaceutica, 2016, 84, 654-670.	2.0	5
32	Solvent-free microwave-assisted synthesis and biological evaluation of 2,2-dimethylchroman-4-one based benzofurans. Heterocyclic Communications, 2016, 22, .	1.2	5
33	Development and Validation of a Novel Stability-Indicating RP-HPLC Method for the Simultaneous Determination of Related Substances of Ketoprofen and Omeprazole in Combined Capsule Dosage Form. Journal of Chromatographic Science, 2016, 54, 765-775.	1.4	12
34	Synthesis of novel 2,4,6-trisubstituted pyrimidine derivatives and their in vitro antimicrobial activity. Russian Journal of General Chemistry, 2016, 86, 1396-1404.	0.8	8
35	Solvent-free microwave-assisted synthesis and biological evaluation of aurones and flavanones based on 2,2-dimethylchroman-4-one. Chemistry of Heterocyclic Compounds, 2016, 52, 453-459.	1.2	4
36	An Asymmetric Synthesis of Rosuvastatin Calcium. Synthesis, 2016, 48, 4167-4174.	2.3	7

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37	Development and Validation of a New Stability-Indicating RP-UPLC Method for the Quantitative Determination of Bromfenac Sodium and Its Impurities in an Ophthalmic Dosage Form. <i>Journal of Chromatographic Science</i> , 2016, 54, 1514-1521.	1.4	3
38	Design, synthesis and biological activity evaluation of novel pefloxacin derivatives as potential antibacterial agents. <i>Medicinal Chemistry Research</i> , 2016, 25, 977-993.	2.4	18
39	Design and synthesis of diaziridinyl quinone thiadiazole hybrids via nitrile sulfide cycloaddition reaction as a key step. <i>Tetrahedron Letters</i> , 2016, 57, 1507-1510.	1.4	11
40	An efficient synthesis of 8-substituted Odoratine derivatives by the Suzuki coupling reaction. <i>Journal of Chemical Sciences</i> , 2016, 128, 441-450.	1.5	2
41	Synthesis, molecular properties prediction and anticancer, antioxidant evaluation of new edaravone derivatives. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2016, 26, 2562-2568.	2.2	32
42	PEG-600 Mediated Phase Transfer Catalyst Free N-Alkylations of 2-Butyl-5-chloro-1H-imidazole-4-carbaldehyde. <i>Asian Journal of Chemistry</i> , 2015, 27, 1910-1912.	0.3	2
43	Facile and Short Synthesis of (±) 1-Hydroxy Indolizidine and (±) Coniceine from Picolinic Acid Ethyl Ester via Cross Claisen Condensation. <i>Asian Journal of Chemistry</i> , 2015, 27, 1667-1670.	0.3	3
44	Synthesis, in vitro anticancer and antimycobacterial evaluation of new 5-(2,5-dimethoxyphenyl)-1,3,4-thiadiazole-2-amino derivatives. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2015, 25, 1398-1402.	2.2	44
45	Novel benzoxepine-1,2,3-triazole hybrids: synthesis and pharmacological evaluation as potential antibacterial and anticancer agents. <i>MedChemComm</i> , 2015, 6, 1612-1619.	3.4	65
46	Ultra-High Performance Method on Superficially Porous Stationary Phase for the Determination of Related Substances in Pitavastatin Calcium by HPLC. <i>Chromatographia</i> , 2015, 78, 1017-1029.	1.3	5
47	Structural study of three nimesulidetriazole derivatives using X-ray powder diffraction: effect of substitution on supramolecular assembly. <i>CrystEngComm</i> , 2015, 17, 764-774.	2.6	8
48	Development and Validation of a Simple, Sensitive, Selective and Stability-Indicating RP-UPLC Method for the Quantitative Determination of Ritonavir and Its Related Compounds. <i>Journal of Chromatographic Science</i> , 2015, 53, 662-675.	1.4	13
49	Pre-Column derivatization Chiral HPLC Method for the separation and quantification of (R,R)-2,8-diazobicyclo [4.3.0]nonane content in (S,S)-2,8-diazobicyclo[4.3.0]nonane, A Key Intermediate of Moxifloxacin Hydrochloride. <i>Oriental Journal of Chemistry</i> , 2015, 31, 2207-2212.	0.3	1
50	Analytical Characterization of Two New Related Impurities of Diltiazem by High Resolution Mass Spectrometry and NMR techniques. <i>Oriental Journal of Chemistry</i> , 2015, 31, 1801-1809.	0.3	0
51	Zn(OAc) ₂ ·2H ₂ O-Catalyzed One-Pot Efficient Synthesis of α-Amino Nitriles. <i>Asian Journal of Chemistry</i> , 2014, 26, 7439-7442.	0.3	3
52	Identification and Synthesis of Impurities Formed During Preparation of Azelnidipine. <i>Asian Journal of Chemistry</i> , 2014, 26, 4675-4678.	0.3	0
53	An Investigation into Formation of Impurities During Synthesis of Blonanserin. <i>Asian Journal of Chemistry</i> , 2014, 26, 5928-5830.	0.3	1
54	An Efficient Synthesis of Racemic Tolterodine. <i>Asian Journal of Chemistry</i> , 2014, 26, 2813-2814.	0.3	2

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55	Development of Stereoselective Method for the Quantification of Stereoisomers and Geometrical Isomer of Pitavastatin Calcium by Enhanced Approach. <i>Chromatographia</i> , 2014, 77, 901-912.	1.3	4
56	Identification and Characterization of Potential Impurities of Dronedarone Hydrochloride. <i>Organic Process Research and Development</i> , 2014, 18, 157-162.	2.7	7
57	Synthesis and biological evaluation of nimesulide based new class of triazole derivatives as potential PDE4B inhibitors against cancer cells. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2013, 23, 6721-6727.	2.2	38
58	Molecular modeling studies of few novel 3,4-heteroannulated quinolin-2-ones with DNA Gyrase and invitro evaluation of their antibacterial activity. <i>Journal of Pharmacy Research</i> , 2013, 6, 389-394.	0.4	2
59	Development and Validation of a Stability-Indicating LC Method for the Simultaneous Estimation of Levodropropizine, Chlorpheniramine, Methylparaben, Propylparaben, and Levodropropizine Impurities. <i>Scientia Pharmaceutica</i> , 2013, 81, 139-150.	2.0	15
60	Ethyl Imidazole-1-carboxylate (ElmC) as a Carbonylating Agent: Efficient Synthesis of Oxazolidin-2-ones from Amino Alcohols. <i>Chemistry Letters</i> , 2013, 42, 109-111.	1.3	11
61	A Remarkably Faster Approach Towards 1,2,3-Triazolyl Quinolines Via CuAAC in Water: Their Crystal Structure Analysis and Antibacterial Activities. <i>Letters in Drug Design and Discovery</i> , 2013, 10, 343-352.	0.7	14
62	Comparative evaluation of levels of C-reactive protein and PMN in periodontitis patients related to cardiovascular disease. <i>Journal of Indian Society of Periodontology</i> , 2013, 17, 330.	0.7	6
63	An efficient one-step chemoselective reduction of alkyl ketones over aryl ketones in α,β -diketones using LiHMDS and lithium aluminium hydride. <i>Tetrahedron Letters</i> , 2012, 53, 4651-4653.	1.4	6
64	Synthesis of novel isoxazole-benzoquinone hybrids via 1,3-dipolar cycloaddition reaction as key step. <i>Tetrahedron Letters</i> , 2012, 53, 4108-4113.	1.4	32
65	ONE-POT SYNTHESIS OF NOVEL 10-ARYL[1,2,4]TRIAZOLO[3,4-b]QUINOLIN-6(5H)-ONES. <i>Organic Preparations and Procedures International</i> , 1993, 25, 659-663.		4
66	Synthesis of 5-Hydroxy-Quinolin[3,4-b]thiazin-6(12H)-ones. <i>Synthetic Communications</i> , 1990, 20, 919-924.	2.1	8
67	The structure and stereochemistry of barrigenic acid, a new triterpene acid sapogenin from <i>Barringtonia acutangula</i> . <i>Phytochemistry</i> , 1976, 15, 1780-1781.	2.9	9