Jaya Shree Anireddy

List of Publications by Year
in descending order

67	800	567281 15	610901 24
papers	citations	h-index	g-index

71	71	71	1072
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Novel benzoxepine-1,2,3-triazole hybrids: synthesis and pharmacological evaluation as potential antibacterial and anticancer agents. MedChemComm, 2015, 6, 1612-1619.	3.4	65
2	Synthesis and Î±-glucosidase inhibition activity of dihydroxy pyrrolidines. Bioorganic and Medicinal Chemistry Letters, 2017, 27, 2818-2823.	2.2	47
3	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
4	Synthesis, in vitro anticancer and antimycobacterial evaluation of new 5-(2,5-dimethoxyphenyl)-1,3,4-thiadiazole-2-amino derivatives. Bioorganic and Medicinal Chemistry Letters, 2015, 25, 1398-1402.	2.2	44
5	Synthesis and biological evaluation of nimesulide based new class of triazole derivatives as potential PDE4B inhibitors against cancer cells. Bioorganic and Medicinal Chemistry Letters, 2013, 23, 6721-6727.	2.2	38
6	Cross-dehydrogenative C(sp³)â€“C(sp³) coupling via Câ€“H activation using magnetically retrievable ruthenium-based photoredox nanocatalyst under aerobic conditions. Chemical Communications, 2019, 55, 7402-7405.	4.1	36
7	Synthesis of novel isoxazole-benzoquinone hybrids via 1,3-dipolar cycloaddition reaction as key step. Tetrahedron Letters, 2012, 53, 4108-4113.	1.4	32
8	Synthesis, molecular properties prediction and anticancer, antioxidant evaluation of new edaravone derivatives. Bioorganic and Medicinal Chemistry Letters, 2016, 26, 2562-2568.	2.2	32
9	Synthesis, molecular modeling and evaluation of Î±-glucosidase inhibition activity of 3,4-dihydroxy piperidines. European Journal of Medicinal Chemistry, 2018, 150, 39-52.	5.5	26
10	Simultanious 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
11	Synthesis of novel cytotoxic tetracyclic acridone derivatives and study of their molecular docking, ADMET, QSAR, bioactivity and protein binding properties. Scientific Reports, 2020, 10, 20720.	3.3	22
12	Design, synthesis and biological activity evaluation of novel pefloxacin derivatives as potential antibacterial agents. Medicinal Chemistry Research, 2016, 25, 977-993.	2.4	18
13	Synthesis and Biological Evaluation of New Ibuprofenâ€1,3,4â€oxadiazoleâ€1,2,3â€triazole Hybrids. Journal of Heterocyclic Chemistry, 2019, 56, 296-305.	2.6	16
14	Novel heterocyclic 1,3,4-oxadiazole derivatives of fluoroquinolones as a potent antibacterial agent: Synthesis and computational molecular modeling. Molecular Diversity, 2022, 26, 1581-1596.	3.9	16
15	Development and Validation of a Stability-Indicating LC Method for the Simultaneous Estimation of Levodropropizine, Chloropheniramine, Methylparaben, Propylparaben, and Levodropropizine Impurities. Scientia Pharmaceutica, 2013, 81, 139-150.	2.0	15
16	Design, Synthesis and Antibacterial Evaluation of Compounds Based on New Benzoxepine-oxime-1,2,3-triazole Hybrid. Mini-Reviews in Medicinal Chemistry, 2018, 18, 803-809.	2.4	15
17	Design and synthesis of 1,2,3-triazoleâ€“etodolac hybrids as potent anticancer molecules. RSC Advances, 2017, 7, 23680-23686.	3.6	14
18	â€²â€²Oneâ€Potâ€²â€² Selective Synthesis of 3,4â€Disubstituted Pyrroles and Benzo[f]indoleâ€4,9â€diones from 1,3â€Indanedione, Aromatic Aldehydes and TosMIC. ChemistrySelect, 2017, 2, 7246-7250.	1.5	14

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19	A Remarkably Faster Approach Towards 1,2,3-Triazolyl Quinolines Via CuAAC in Water: Their Crystal Structure Analysis and Antibacterial Activities. Letters in Drug Design and Discovery, 2013, 10, 343-352.	0.7	14
20	Development and Validation of a Simple, Sensitive, Selective and Stability-Indicating RP-UPLC Method for the Quantitative Determination of Ritonavir and Its Related Compounds. Journal of Chromatographic Science, 2015, 53, 662-675.	1.4	13
21	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
22	Synthesis of 2,5â€Disubstitutedâ€1,3,4â€oxadiazole Derivatives and Their Evaluation as Anticancer and Antimycobacterial Agents. ChemistrySelect, 2017, 2, 5492-5496.	1.5	12
23	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. Journal of Fluorine Chemistry, 2022, 261-262, 110019.	1.7	12
24	Ethyl Imidazole-1-carboxylate (EImC) as a Carbonylating Agent: Efficient Synthesis of Oxazolidin-2-ones from Amino Alcohols. Chemistry Letters, 2013, 42, 109-111.	1.3	11
25	Design and synthesis of diaziridinyl quinone thiadiazole hybrids via nitrile sulfide cycloaddition reaction as a key step. Tetrahedron Letters, 2016, 57, 1507-1510.	1.4	11
26	Design and synthesis of oxaprozinâ€1,3,4â€oxadiazole hybrids as potential anticancer and antibacterial agents. Journal of Heterocyclic Chemistry, 2020, 57, 1071-1082.	2.6	11
27	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
28	Novel degradation products of argatroban: Isolation, synthesis and extensive characterization using NMR and LC-PDA-MS/Q-TOF. Journal of Pharmaceutical Analysis, 2018, 8, 86-95.	5.3	10
29	Nonsteroidal antiâ€inflammatory drugs based new 1,2,3â€triazole derivatives: Their design, oneâ€pot synthesis and in vitro evaluation. Journal of Heterocyclic Chemistry, 2021, 58, 2018-2032.	2.6	10
30	The structure and stereochemistry of barrigenic acid, a new triterpene acid sapogenin from Barringtonia acutangula. Phytochemistry, 1976, 15, 1780-1781.	2.9	9
31	Synthesis, molecular modeling and biological evaluation of aza-flavanones as Î±-glucosidase inhibitors. MedChemComm, 2017, 8, 1618-1630.	3.4	9
32	Synthesis of 5H-Quinolin[3,4-b][1,4]benzothiazin-6(12H)-ones. Synthetic Communications, 1990, 20, 919-924.	2.1	8
33	Structural study of three nimesulidetriazole derivatives using X-ray powder diffraction: effect of substitution on supramolecular assembly. CrystEngComm, 2015, 17, 764-774.	2.6	8
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	A Green Synthesis of 2â€Aminoâ€4â€(9Hâ€carbazoleâ€3â€yl)thiopheneâ€3â€carbonitriles by a Stepâ€wise and Oneâ€pot Threeâ€component <scp>Gewald</scp> Reaction. Journal of Heterocyclic Chemistry, 2017, 54, 2471-2482.	2.6	8
36	Identification and Characterization of Potential Impurities of Dronedarone Hydrochloride. Organic Process Research and Development, 2014, 18, 157-162.	2.7	7

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37	An Asymmetric Synthesis of Rosuvastatin Calcium. Synthesis, 2016, 48, 4167-4174.	2.3	7
38	An efficient one-step chemoselective reduction of alkyl ketones over aryl ketones in Î²-diketones using LiHMDS and lithium aluminium hydride. Tetrahedron Letters, 2012, 53, 4651-4653.	1.4	6
39	Stereoselective Synthesis for Potential Isomers of Ticagrelor Key Starting Material. Journal of Heterocyclic Chemistry, 2019, 56, 2866-2872.	2.6	6
40	Comparative evaluation of levels of C-reactive protein and PMN in periodontitis patients related to cardiovascular disease. Journal of Indian Society of Periodontology, 2013, 17, 330.	0.7	6
41	Ultra-High Performance Method on Superficially Porous Stationary Phase for the Determination of Related Substances in Pitavastatin Calcium by HPLC. Chromatographia, 2015, 78, 1017-1029.	1.3	5
42	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
43	Solvent-free microwave-assisted synthesis and biological evaluation of 2,2-dimethylchroman-4-one based benzofurans. Heterocyclic Communications, 2016, 22, .	1.2	5
44	SYNTHESIS OF BENZOXAZEPINE DERIVATIVES FROM PYRAZOLE-CHALCONE VIA A SIMPLE AND CONVENIENT PROTOCOL USING BASIC ALUMINA AS SOLID SUPPORT. Journal of the Chilean Chemical Society, 2018, 63, 3983-3987.	1.2	5
45	Design and Synthesis of New Etodolacâ€Pyridazinones as Potent Anticancer Agents Using Pb(OAc)₄ to Assist Nâ€N Bond Formation. ChemistrySelect, 2018, 3, 5050-5054.	1.5	5
46	Novel 1,2,3â€triazolo phosphonate derivatives as potential antibacterial agents. Journal of Heterocyclic Chemistry, 2021, 58, 969-982.	2.6	5
47	ONE-POT SYNTHESIS PF NOVEL 10-ARYL[1,2,4]TRIAZOLO[3â€²,4â€²:2,3][1,3,4]-THIADIAZEPINO[6,7-c]QUINOLIN-6(5H)-ONES. Organic Preparations and Procedures International, 1993, 25, 659-663.	1.3	4
48	Development of Stereoselective Method for the Quantification of Stereoisomers and Geometrical Isomer of Pitavastatin Calcium by Enhanced Approach. Chromatographia, 2014, 77, 901-912.	1.3	4
49	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
50	Copperâ€catalyzed Synthesis of Nâ€alkylated 2â€(4â€substitutedâ€1Hâ€1,2,3â€triazolâ€1â€yl)â€1Hâ€indoleâ€3â€carbaldehyde by Stepâ€wise and Oneâ€pot Threeâ€component Huisgen's 1,3â€dipolar Cycloaddition Reaction. Journal of Heterocyclic Chemistry, 2017, 54, 3071-3076.	2.6	4
51	Zn(OAc)2â€¢2H2O-Catalyzed One-Pot Efficient Synthesis of a-Amino Nitriles. Asian Journal of Chemistry, 2014, 26, 7439-7442.	0.3	3
52	Facile and Short Synthesis of (Â±) 1-Hydroxy Indolizidine and (Â±) Coniceine from Picolinic Acid Ethyl Ester via Cross Claisen Condensation. Asian Journal of Chemistry, 2015, 27, 1667-1670.	0.3	3
53	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. Journal of Chromatographic Science, 2016, 54, 1514-1521.	1.4	3
54	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

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55	Molecular modeling studies of few novel 3,4-heteroannelated quinolin-2-ones with DNA Gyrase and invitro evaluation of their antibacterial activity. Journal of Pharmacy Research, 2013, 6, 389-394.	0.4	2
56	An Efficient Synthesis of Racemic Tolterodine. Asian Journal of Chemistry, 2014, 26, 2813-2814.	0.3	2
57	PEG-600 Mediated Phase Transfer Catalyst Free N-Alkylations of 2-Butyl-5-chloro-1H-imidazole-4-carbaldehyde. Asian Journal of Chemistry, 2015, 27, 1910-1912.	0.3	2
58	An efficient synthesis of 8-substituted Odoratine derivatives by the Suzuki coupling reaction. Journal of Chemical Sciences, 2016, 128, 441-450.	1.5	2
59	pâ€TsOHâ€mediated, Versatile, and Efficient Approach for the Synthesis of Triazolylâ€Carbazoles from Nitrovinylcarbazoles and Azide via 1, 3â€Dipolar Cycloaddition. Journal of Heterocyclic Chemistry, 2017, 54, 1361-1368.	2.6	2
60	An Investigation into Formation of Impurities During Synthesis of Blonanserin. Asian Journal of Chemistry, 2014, 26, 5928-5830.	0.3	1
61	Development of a Novel and Scalable Process for the Synthesis of a Key Cangrelor Intermediate. Organic Preparations and Procedures International, 2019, 51, 530-536.	1.3	1
62	Synthesis, Docking, and Bioavailability of 2â€²â€Oxoâ€3â€phenylspiro[cyclopropaneâ€1,3â€²â€indoline]â€2,2â€dicarbonitriles as Antibacterial Agents In Silico. Journal of Heterocyclic Chemistry, 2019, 56, 209-217.	2.6	1
63	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. Oriental Journal of Chemistry, 2015, 31, 2207-2212.	0.3	1
64	Identification and Synthesis of Impurities Formed During Preparation of Azelnidipine. Asian Journal of Chemistry, 2014, 26, 4675-4678.	0.3	0
65	Synthesis of Novel 2-Butyl-1H-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
66	Identification, Characterization and Synthesis of Process Related Unknown Impurity in Cetirizine Dihydrochloride. Asian Journal of Chemistry, 2017, 29, 409-413.	0.3	0
67	Analytical Characterization of Two New Related Impurities of Diltiazem by High Resolution Mass Spectrometry and NMR techniques. Oriental Journal of Chemistry, 2015, 31, 1801-1809.	0.3	0