Jaiprakash N Sangshetti

List of Publications by Year
in descending order

179 papers	3,678 citations	159585 30 h-index	206112 48 g-index
198 all docs	198 docs citations	198 times ranked	4147 citing authors

#	Article	IF	Citations
1	Quality by design approach: Regulatory need. Arabian Journal of Chemistry, 2017, 10, S3412-S3425.	4.9	155
2	1,2,3-Triazole derivatives as antitubercular agents: synthesis, biological evaluation and molecular docking study. MedChemComm, 2015, 6, 1104-1116.	3.4	148
3	Antileishmanial drug discovery: comprehensive review of the last 10 years. RSC Advances, 2015, 5, 32376-32415.	3.6	126
4	Microwave assisted one pot synthesis of some novel 2,5-disubstituted 1,3,4-oxadiazoles as antifungal agents. Bioorganic and Medicinal Chemistry Letters, 2011, 21, 444-448.	2.2	94
5	One pot synthesis and SAR of some novel 3-substituted 5,6-diphenyl-1,2,4-triazines as antifungal agents. Bioorganic and Medicinal Chemistry Letters, 2010, 20, 742-745.	2.2	90
6	Ceric ammonium nitrate catalysed three component one-pot efficient synthesis of 2,4,5-triaryl-1H-imidazoles. Journal of Chemical Sciences, 2008, 120, 463-467.	1.5	79
7	Synthesis and anti-inflammatory activity of some 3-(4,6-disubtituted-2-thioxo-1,2,3,4-tetrahydropyrimidin-5-yl) propanoic acid derivatives. Bioorganic and Medicinal Chemistry Letters, 2010, 20, 4424-4426.	2.2	78
8	Recent Advances in Multidimensional QSAR (4D-6D): A Critical Review. Mini-Reviews in Medicinal Chemistry, 2014, 14, 35-55.	2.4	78
9	Synthesis of novel 3-(1-(1-substituted piperidin-4-yl)-1H-1,2,3-triazol-4-yl)-1,2,4-oxadiazol-5(4H)-one as antifungal agents. Bioorganic and Medicinal Chemistry Letters, 2009, 19, 3564-3567.	2.2	73
10	Sodium Bisulfite as an Efficient and Inexpensive Catalyst for the One-pot Synthesis of 2,4,5-Triaryl-1H-imidazoles from Benzil or Benzoin and Aromatic Aldehydes. Monatshefte FÃ¼r Chemie, 2008, 139, 125-127.	1.8	70
11	Synthesis, biological evaluation and molecular docking of novel coumarin incorporated triazoles as antitubercular, antioxidant and antimicrobial agents. Medicinal Chemistry Research, 2016, 25, 790-804.	2.4	61
12	Multiple Roles of Biosurfactants in Biofilms. Current Pharmaceutical Design, 2016, 22, 1429-1448.	1.9	56
13	1,2,3-Triazole incorporated coumarin derivatives as potential antifungal and antioxidant agents. Chinese Chemical Letters, 2016, 27, 295-301.	9.0	54
14	Water mediated efficient one-pot synthesis of bis-(4-hydroxycoumarin)methanes. Green Chemistry Letters and Reviews, 2009, 2, 233-235.	4.7	48
15	Quinolidene-rhodanine conjugates: Facile synthesis and biological evaluation. European Journal of Medicinal Chemistry, 2017, 125, 385-399.	5.5	47
16	Enhancement of oral bioavailability of anti-HIV drug rilpivirine HCl through nanosponge formulation. Drug Development and Industrial Pharmacy, 2017, 43, 2076-2084.	2.0	46
17	Synthesis of Novel Triazoleâ€incorporated Isatin Derivatives as Antifungal, Antitubercular, and Antioxidant Agents and Molecular Docking Study. Journal of Heterocyclic Chemistry, 2017, 54, 413-421.	2.6	45
18	Novel tetrazoloquinolineâ€“rhodanine conjugates: Highly efficient synthesis and biological evaluation. Bioorganic and Medicinal Chemistry Letters, 2016, 26, 2278-2283.	2.2	42

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19	Synthesis, antioxidant, antifungal, molecular docking and ADMET studies of some thiazolyl hydrazones. Bioorganic and Medicinal Chemistry Letters, 2017, 27, 3891-3896.	2.2	42
20	Oxalic acid as a catalyst for efficient synthesis of bis-(indolyl)methanes, and 14-aryl-14H-dibenzo[a,j]xanthenes in water. Chinese Chemical Letters, 2008, 19, 1186-1189.	9.0	41
21	Peptide Deformylase: A New Target in Antibacterial, Antimalarial and Anticancer Drug Discovery. Current Medicinal Chemistry, 2014, 22, 214-236.	2.4	41
22	Synthesis, docking and ADMET prediction of novel 5-((5-substituted-1-H-1,2,4-triazol-3-yl)) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 627 Td 1033-1038.	9.0	41
23	Î² -Cyclodextrin as a supramolecular catalyst for the synthesis of 2 H -indazolo[2,1- b]phthalazine-trione derivatives in water and their antimicrobial activities. Chinese Chemical Letters, 2017, 28, 1577-1582.	9.0	37
24	Recent Advances in the Synthesis of Coumarin Derivatives via Pechmann Condensation. Current Organic Chemistry, 2016, 20, 798-828.	1.6	37
25	Antileishmanial activity of novel indolylâ€“coumarin hybrids: Design, synthesis, biological evaluation, molecular docking study and in silico ADME prediction. Bioorganic and Medicinal Chemistry Letters, 2016, 26, 829-835.	2.2	36
26	A novel amalgamation of 1,2,3-triazoles, piperidines and thieno pyridine rings and evaluation of their antifungal activity. European Journal of Medicinal Chemistry, 2013, 65, 527-532.	5.5	35
27	Sugar-based gene delivery systems: Current knowledge and new perspectives. Carbohydrate Polymers, 2018, 181, 1180-1193.	10.2	35
28	Stability Indicating LC Method for Simultaneous Determination of Irbesartan and Hydrochlorothiazide in Pharmaceutical Preparations. Journal of Chromatographic Science, 2010, 48, 595-600.	1.4	34
29	Simultaneous High-Performance Liquid Chromatographic Determination of Telmisartan and Hydrochlorothiazide in Pharmaceutical Preparation. Journal of Chromatographic Science, 2008, 46, 887-891.	1.4	32
30	Synthesis of some novel 3-(1-(1-substitutedpiperidin-4-yl)-1H-1,2,3-triazol-4-yl)-5-substituted phenyl-1,2,4-oxadiazoles as antifungal agents. European Journal of Medicinal Chemistry, 2011, 46, 1040-1044.	5.5	32
31	Synthesis and biological activity of structurally diverse phthalazine derivatives: A systematic review. Bioorganic and Medicinal Chemistry, 2019, 27, 3979-3997.	3.0	32
32	NewN-phenylacetamide-incorporated 1,2,3-triazoles: [Et₃NH][OAc]-mediated efficient synthesis and biological evaluation. RSC Advances, 2019, 9, 22080-22091.	3.6	31
33	Microwave assisted synthesis and docking study of N -(2-oxo-2-(4-oxo-2-substituted) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 187 Chemistry Letters, 2014, 24, 5558-5562.	2.2	30
34	Extended release delivery of erlotinib glutathione nanosponge for targeting lung cancer. Artificial Cells, Nanomedicine and Biotechnology, 2018, 46, 1064-1075.	2.8	30
35	ZrOCl2Â·8H2O catalyzed one-pot synthesis of 2,4,5-triaryl-1H-imidazoles and substituted 1,4-di(4,5-diphenylimidazol-yl)benzene. Chinese Chemical Letters, 2008, 19, 762-766.	9.0	29
36	Ionic Liquid-Catalyzed Green Protocol for Multi-Component Synthesis of Dihydropyrano[2,3-c]pyrazoles as Potential Anticancer Scaffolds. Molecules, 2017, 22, 1628.	3.8	29

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37	Design, Synthesis and Molecular Docking Studies of Novel Triazoleâ€Chromene Conjugates as Antitubercular, Antioxidant and Antifungal Agents. ChemistrySelect, 2018, 3, 13113-13122.	1.5	29
38	Helminthicidal and Larvicidal Potentials of Biogenic Silver Nanoparticles Synthesized from Medicinal Plant Momordica charantia. Medicinal Chemistry, 2019, 15, 781-789.	1.5	29
39	Synthesis, antileishmanial activity and docking study of Nâ€²-substitutedbenzylidene-2-(6,7-dihydrothieno[3,2-c]pyridin-5(4H)-yl)acetohydrazides. Bioorganic and Medicinal Chemistry Letters, 2014, 24, 1605-1610.	2.2	28
40	Expeditious synthesis, antileishmanial and antioxidant activities of novel 3-substituted-4-hydroxycoumarin derivatives. Chinese Chemical Letters, 2016, 27, 287-294.	9.0	28
41	1,2,3-Triazole tethered acetophenones: Synthesis, bioevaluation and molecular docking study. Chinese Chemical Letters, 2016, 27, 1058-1063.	9.0	27
42	Antileishmanial potential of fused 5-(pyrazin-2-yl)-4H-1,2,4-triazole-3-thiols: Synthesis, biological evaluations and computational studies. Bioorganic and Medicinal Chemistry Letters, 2017, 27, 3845-3850.	2.2	27
43	Biofilm inhibition of linezolid-like Schiff bases: Synthesis, biological activity, molecular docking and in silico ADME prediction. Bioorganic and Medicinal Chemistry Letters, 2015, 25, 874-880.	2.2	26
44	Ultrasound Mediated, Sodium Bisulfite Catalyzed, Solvent Free Synthesis of 6-Amino-3-methyl-4-substitued-2,4-dihydropyrano[2,3-c]pyrazole-5-carbonitrile. Journal of the Korean Chemical Society, 2012, 56, 328-333.	0.2	26
45	Microwave assisted nano (ZnOâ€“TiO2) catalyzed synthesis of some new 4,5,6,7-tetrahydro-6-((5-substituted-1,3,4-oxadiazol-2-yl)methyl)thieno[2,3-c]pyridine as antimicrobial agents. Bioorganic and Medicinal Chemistry Letters, 2013, 23, 2250-2253.	2.2	25
46	Facile synthesis of new N-sulfonamidyl-4-thiazolidinone derivatives and their biological evaluation. New Journal of Chemistry, 2016, 40, 3047-3058.	2.8	25
47	CAN catalyzed one-pot synthesis and docking study of some novel substituted imidazole coupled 1,2,4-triazole-5-carboxylic acids as antifungal agents. Chinese Chemical Letters, 2015, 26, 108-112.	9.0	24
48	Insights of tankyrases: A novel target for drug discovery. European Journal of Medicinal Chemistry, 2020, 207, 112712.	5.5	24
49	Sulphanilic Acid Catalyzed Facile One-pot Synthesis of 2,4,5-Triarylimidazoles From Benzil/Benzoin and Aromatic Aldehydes. Journal of the Korean Chemical Society, 2007, 51, 418-422.	0.2	24
50	Hierarchical nanostructures of Au@ZnO: antibacterial and antibiofilm agent. Applied Microbiology and Biotechnology, 2016, 100, 5849-5858.	3.6	23
51	Î²-CD-catalyzed multicomponent domino reaction: synthesis, characterization, in silico molecular docking and biological evaluation of pyrano[2,3-d]-pyrimidinone derivatives. Research on Chemical Intermediates, 2018, 44, 6119-6136.	2.7	23
52	Oxalic acid catalyzed solvent-free one pot synthesis of coumarins. Chinese Chemical Letters, 2007, 18, 1309-1312.	9.0	22
53	Antileishmanial evaluation of clubbed bis(indolyl)-pyridine derivatives: One-pot synthesis, in vitro biological evaluations and in silico ADME prediction. Bioorganic and Medicinal Chemistry Letters, 2017, 27, 567-573.	2.2	22
54	Synthesis, Antifungal Activity, and Docking Study of Some New 1,2,4â€triazole Analogs. Chemical Biology and Drug Design, 2011, 78, 800-809.	3.2	21

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55	One-Pot Efficient Synthesis of 2-Aryl-1-arylmethyl-1H-benzimidazoles and 2,4,5-Triaryl-1H-imidazoles Using Oxalic Acid Catalyst. Synthesis, 2007, 2007, 2829-2834.	2.3	20
56	Development of mild and efficient method for synthesis of substituted flavones using oxalic acid catalyst. Chinese Chemical Letters, 2009, 20, 171-174.	9.0	20
57	Ultrasound- and Molecular Sieves-Assisted Synthesis, Molecular Docking and Antifungal Evaluation of 5-(4-(Benzyloxy)-substituted phenyl)-3-((phenylamino)methyl)-1,3,4-oxadiazole-2(3H)-thiones. Molecules, 2016, 21, 484.	3.8	20
58	Novel amalgamation of phthalazineâ€“quinolines as biofilm inhibitors: One-pot synthesis, biological evaluation and in silico ADME prediction with favorable metabolic fate. Bioorganic and Medicinal Chemistry Letters, 2016, 26, 1696-1703.	2.2	20
59	Synthesis and biological evaluation of novel triazole-biscoumarin conjugates as potential antitubercular and anti-oxidant agents. Research on Chemical Intermediates, 2018, 44, 6283-6310.	2.7	20
60	Ultrasound assisted rapid synthesis, biological evaluation, and molecular docking study of new 1,2,3-triazolyl pyrano[2,3-c]pyrazoles as antifungal and antioxidant agent. Synthetic Communications, 2019, 49, 2521-2537.	2.1	20
61	SGLT inhibitors as antidiabetic agents: a comprehensive review. RSC Advances, 2020, 10, 1733-1756.	3.6	20
62	Pfitzinger Reaction in the Synthesis of Bioactive Compounds - A Review. Mini-Reviews in Organic Chemistry, 2014, 11, 225-250.	1.3	20
63	Stability-Indicating LC Method for Analysis of Lornoxicam in the Dosage Form. Chromatographia, 2009, 69, 1001-1005.	1.3	19
64	Green synthesis and anxiolytic activity of some new dibenz-[1,4] diazepine-1-one analogues. Arabian Journal of Chemistry, 2017, 10, S1356-S1363.	4.9	19
65	Synthesis, biological evaluation and docking study of some novel isoxazole clubbed 1,3,4-oxadiazoles derivatives. Medicinal Chemistry Research, 2018, 27, 1283-1291.	2.4	19
66	Efficient one-pot synthesis, molecular docking and in silico ADME prediction of bis-(4-hydroxycoumarin-3-yl) methane derivatives as antileishmanial agents. EXCLI Journal, 2015, 14, 935-47.	0.7	19
67	Mur Ligase Inhibitors as Anti-bacterials: A Comprehensive Review. Current Pharmaceutical Design, 2017, 23, 3164-3196.	1.9	18
68	Synthesis and Biological Activity of Substituted-4,5,6,7-tetrahydrothieno Pyridines: A Review. Mini-Reviews in Medicinal Chemistry, 2014, 14, 988-1020.	2.4	18
69	Stability-Indicating LC Method for the Determination of Olmesartan in Bulk Drug and in Pharmaceutical Dosage Form. Chromatographia, 2009, 69, 169-173.	1.3	17
70	Synthesis, molecular docking and biological evaluation of some novel tetrazolo[1,5-a]quinoline incorporated pyrazoline and isoxazoline derivatives. Medicinal Chemistry Research, 2015, 24, 3372-3386.	2.4	17
71	New 1,2,3-triazole-linked tetrahydrobenzo[b]pyran derivatives: Facile synthesis, biological evaluation and molecular docking study. Research on Chemical Intermediates, 2019, 45, 5159-5182.	2.7	17
72	Synthesis, bioevaluation and molecular docking study of new piperazine and amide linked dimeric 1,2,3-triazoles. Synthetic Communications, 2020, 50, 271-288.	2.1	17

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73	Rapid Construction of Substituted Dihydrothiophene Ureidoformamides at Room Temperature Using Diisopropyl Ethyl Ammonium Acetate: A Green Perspective. ACS Omega, 2020, 5, 29055-29067.	3.5	17
74	Stability Indicating LC Method For the Simultaneous Determination of Amlodipine and Olmesartan in Dosage Form. Journal of Chromatographic Science, 2010, 48, 601-606.	1.4	16
75	Î²-Cyclodextrin as a Biomimetic Catalyst for the Efficient Synthesis of 4-Oxo-pyrido[1,2-a] Pyrimidine-3-Carbonitrile in Aqueous Medium. Catalysis Letters, 2017, 147, 640-648.	2.6	16
76	Two decades of antifilarial drug discovery: a review. RSC Advances, 2017, 7, 20628-20666.	3.6	16
77	A rapid and green method for expedient multicomponent synthesis of N-substituted decahydroacridine-1,8-diones as potential antimicrobial agents. Research on Chemical Intermediates, 2018, 44, 7047-7064.	2.7	16
78	Stability-indicating RP-HPLC method for analysis of eplerenone in the bulk drug and in a pharmaceutical dosage form. Acta Chromatographica, 2009, 21, 619-629.	1.3	15
79	Development and validation of RP-HPLC method for determination of Atorvastatin calcium and Nicotinic acid in combined tablet dosage form. Journal of Saudi Chemical Society, 2016, 20, S328-S333.	5.2	15
80	Bacterial Peptide deformylase inhibition of cyano substituted biaryl analogs: Synthesis, in vitro biological evaluation, molecular docking study and in silico ADME prediction. Bioorganic and Medicinal Chemistry, 2016, 24, 3456-3463.	3.0	15
81	Synthesis, crystal structures, biological screening and electrochemical analysis of some salen-based transition metal complexes. Research on Chemical Intermediates, 2017, 43, 4863-4879.	2.7	15
82	Sugar alcohol-based polymeric gene carriers: Synthesis, properties and gene therapy applications. Acta Biomaterialia, 2019, 97, 105-115.	8.3	15
83	Design and Synthesis of New Aryloxyâ€linked Dimeric 1,2,3â€Triazoles via Click Chemistry Approach: Biological Evaluation and Molecular Docking Study. Journal of Heterocyclic Chemistry, 2019, 56, 2144-2162.	2.6	15
84	Aldose Reductase: A Multi-disease Target. Current Enzyme Inhibition, 2013, 10, 2-12.	0.4	14
85	Ultrasoundâ€Assisted Synthesis, Anticonvulsant Activity, and Docking Study of Indoleâ€Appended Thiazolidinâ€4â€ones. Archiv Der Pharmazie, 2014, 347, 756-767.	4.1	14
86	One-pot three-component synthesis of 3-(Î±-aminobenzyl)-4-hydroxycoumarin derivatives using nanocrystalline TiO2 as reusable catalyst. Russian Journal of Organic Chemistry, 2015, 51, 69-73.	0.8	14
87	Biphenyl tetrazole-thiazolidinediones as novel bacterial peptide deformylase inhibitors: Synthesis, biological evaluations and molecular docking study. Biomedicine and Pharmacotherapy, 2016, 83, 1146-1153.	5.6	14
88	Water mediated oxalic acid catalyzed one pot synthesis of 1,8-dioxodecahydroacridines. Arabian Journal of Chemistry, 2017, 10, S10-S12.	4.9	14
89	Synthesis of Novel Î±â€Aminophosphonate Derivatives, Biological Evaluation as Potent Antiproliferative Agents and Molecular Docking. ChemistrySelect, 2018, 3, 5552-5558.	1.5	14
90	ChCl:2ZnCl2 Catalyzed Efficient Synthesis of New Sulfonyl Decahydroacridine-1,8-Diones via One-Pot Multicomponent Reactions to Discover Potent Antimicrobial Agents. Polycyclic Aromatic Compounds, 2020, 40, 1175-1186.	2.6	14

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91	Quinoline Based Monocarbonyl Curcumin Analogs as Potential Antifungal and Antioxidant Agents: Synthesis, Bioevaluation and Molecular Docking Study. Chemistry and Biodiversity, 2020, 17, e1900624.	2.1	14
92	New Nâ€phenylacetamideâ€linked 1,2,3â€triazoleâ€tethered coumarin conjugates: Synthesis, bioevaluation, and molecular docking study. Archiv Der Pharmazie, 2020, 353, e2000164.	4.1	14
93	Sulfanilic acid catalyzed solvent-free synthesis of 1,5-benzodiazepine derivatives. Chinese Chemical Letters, 2007, 18, 1305-1308.	9.0	13
94	ZrOCl2Â·8H2O catalyzed solvent-free synthesis of isobenzofuran-1(3H)-ones. Chinese Chemical Letters, 2011, 22, 163-166.	9.0	13
95	New 1,2,3-Triazole-Appended Bis-pyrazoles: Synthesis, Bioevaluation, and Molecular Docking. ACS Omega, 2021, 6, 24879-24890.	3.5	13
96	Synthesis and Biological Activities of Substituted Benzoxazepine: A Review. Mini-Reviews in Organic Chemistry, 2015, 12, 345-354.	1.3	13
97	A Stability-Indicating LC Method for the Simultaneous Determination of Telmisartan and Ramipril in Dosage Form. Chromatographia, 2008, 67, 575-582.	1.3	12
98	Green synthesis and biological evaluation of some new benzothiazolo [2,3-b] quinazolin-1-ones as anticancer agents. Medicinal Chemistry Research, 2014, 23, 4893-4900.	2.4	12
99	[Et3NH][HSO4]-catalyzed one-pot, solvent-free synthesis and biological evaluation of Î±-amino phosphonates. Research on Chemical Intermediates, 2016, 42, 5115-5131.	2.7	12
100	Pyrido[1,2â€a]pyrimidinâ€4â€ones: Ligandâ€based Design, Synthesis, and Evaluation as an Antiâ€inflammatory Agent. Journal of Heterocyclic Chemistry, 2017, 54, 3299-3313.	2.6	12
101	Facile one-pot synthesis, antibacterial activity and in silico ADME prediction of 1-substituted-1 H -1,2,3,4-tetrazoles. Chemical Data Collections, 2018, 15-16, 107-114.	2.3	12
102	New 2-Oxoindolin Phosphonates as Novel Agents to Treat Cancer: A Green Synthesis and Molecular Modeling. Molecules, 2018, 23, 1981.	3.8	12
103	Histone Deacetylases as Targets for Multiple Diseases. Mini-Reviews in Medicinal Chemistry, 2013, 13, 1005-1026.	2.4	12
104	Novel Benzylidenehydrazide-1,2,3-Triazole Conjugates as Antitubercular Agents: Synthesis and Molecular Docking. Mini-Reviews in Medicinal Chemistry, 2019, 19, 1178-1194.	2.4	12
105	Oxalic acid as a versatile catalyst for one pot facile synthesis of 3,4â€dihydropyrimidinâ€2â€(1H)â€ones and their thione analogues. Journal of Heterocyclic Chemistry, 2008, 45, 1191-1194.	2.6	11
106	Design and synthesis of 4â€²â€((5â€benzylideneâ€2,4â€dioxothiazolidinâ€3â€yl)methyl)biphenylâ€2â€carbonitrile analogs as bacterial peptide deformylase inhibitors. Chemical Biology and Drug Design, 2016, 88, 938-944.	3.2	11
107	LQTA-R: A new 3D-QSAR methodology applied to a set of DGAT1 inhibitors. Computational Biology and Chemistry, 2018, 74, 123-131.	2.3	11
108	Î²-Cyclodextrin catalyzed one-pot four component auspicious protocol for synthesis of spiro[acridine-9,3â€²-indole]-2â€²,4,4â€²(1â€²H,5â€²H,10H)-trione as a potential antimicrobial agent. Synthetic Communications, 2018, 48, 1701-1714.	2.1	11

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109	Design, synthesis, and pharmacological evaluation of fluorinated azoles as antiâ€tubercular agents. Archiv Der Pharmazie, 2018, 351, 1700294.	4.1	11
110	Synthesis, biological evaluations and computational studies of N-(3-(-2-(7-Chloroquinolin-2-yl)vinyl)) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5 623-630.	2.2	11
111	SOLVENT FREE OXALIC ACID CATALYZED SYNTHESIS OF 1,5-BENZODIAZEPINES. Journal of the Chilean Chemical Society, 2013, 58, 2200-2203.	1.2	11
112	Efficient one-pot synthesis of quinoxalines in the presence of zinc iodide as catalyst. Russian Journal of Organic Chemistry, 2009, 45, 1116-1118.	0.8	10
113	Synthesis and evaluation of pyrazoleâ€incorporated monocarbonyl curcumin analogues as antiproliferative and antioxidant agents. Journal of the Chinese Chemical Society, 2019, 66, 1658-1665.	1.4	10
114	Organocatalyzed Domino Synthesis of New Thiazoleâ€Based Decahydroacridineâ€1,8â€diones and Dihydropyrido[2,3â€dâ€‰:â€‰6,5â€dâ€²]â€dipyrimidines in Water as Antimicrobial Agents. Chemistry and Biodiversity, 2020, 17, e1900577.	2.1	10
115	Enantiomeric LC Separation of Epinephrine on Amylose based sorbent. Chromatographia, 2008, 67, 777-781.	1.3	9
116	Water-mediated oxalic acid catalysed one-pot synthesis of 2-(substituted phenyl) phthalazin-1(2H)-ones. Journal of Taibah University for Science, 2015, 9, 548-554.	2.5	9
117	Molecular sieves promoted, ultrasound-mediated synthesis, biological evaluation and docking study of 3-(5-substituted-1,3,4-thiadiazol-2-ylimino)indolin-2-ones as a potential anticonvulsant agents. Medicinal Chemistry Research, 2015, 24, 4058-4069.	2.4	9
118	Efficient gene transfection to liver cells via the cellular regulation of a multifunctional polylactitol-based gene transporter. Journal of Materials Chemistry B, 2016, 4, 2208-2218.	5.8	9
119	Synthesis, Antimicrobial Evaluation and Docking Study of Some Pyrazole Bearing [1,â€‰2,4]Triazolo[3,â€‰4â€b][1,â€‰3,4]thiadiazole Derivatives. ChemistrySelect, 2018, 3, 3899-3903.	1.5	9
120	Benzene sulfonamide pyrazole thio-oxadiazole hybrid as potential antimicrobial and antitubercular agents. Research on Chemical Intermediates, 2018, 44, 4437-4453.	2.7	9
121	Microwave-assisted synthesis of novel 5-substituted benzylidene amino-2-butyl benzofuran-3-yl-4-methoxyphenyl methanones as antileishmanial and antioxidant agents. Bioorganic and Medicinal Chemistry Letters, 2018, 28, 482-487.	2.2	9
122	Ultrasound Assisted Synthesis of 4-(Benzyloxy)-N-(3-chloro-2-(substitutedphenyl)-4-oxoazetidin-1-yl) Benzamide as Challenging Anti-Tubercular Scaffold. Molecules, 2018, 23, 1945.	3.8	9
123	Molecular docking, pharmacophore based virtual screening and molecular dynamics studies towards the identification of potential leads for the management of H. pylori. RSC Advances, 2019, 9, 26176-26208.	3.6	9
124	Determination of Exemestane in bulk and pharmaceutical dosage form by HPTLC. Arabian Journal of Chemistry, 2014, 7, 504-508.	4.9	8
125	Ultrasound-mediated synthesis, biological evaluation, docking and in vivo acute oral toxicity study of novel indolin-2-one coupled pyrimidine derivatives. Research on Chemical Intermediates, 2018, 44, 3031-3059.	2.7	8
126	Design, Synthesis and Biological Screening of Novel 1,3,4â€Oxadiazoles as Antitubercular Agents. ChemistrySelect, 2018, 3, 13304-13310.	1.5	8

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127	A copper-catalyzed synthesis of aryloxy-tethered symmetrical 1,2,3-triazoles as potential antifungal agents targeting 14 Ì±-demethylase. New Journal of Chemistry, 2021, 45, 13104-13118.	2.8	8
128	Ultrasound Promoted Green Synthesis, Docking Study of Indole Spliced Thiadiazole, Î±-amino Phosphonates as Anticancer Agents and Antityrosinase Agents. Anti-Cancer Agents in Medicinal Chemistry, 2019, 18, 1267-1280.	1.7	8
129	Simultaneous spectrophotometric estimation of aceclofenac and paracetamol in tablet dosage form. Indian Journal of Pharmaceutical Sciences, 2007, 69, 289.	1.0	8
130	An Efficient and Green Synthesis of Tetrahydrobenzo[b]Pyran Derivatives Using [(EMIM)Ac] at Room Temperature. ChemistrySelect, 2022, 7, .	1.5	8
131	Novel Amalgamation of 2-Styrylchromones and 1,2,4-Triazole: Synthesis, Antimicrobial Evaluation and Docking Study. Letters in Drug Design and Discovery, 2015, 12, 650-660.	0.7	7
132	Microwave-assisted solvent-free one pot synthesis of isobenzofuran-1(3H)-ones using sulphamic acid catalyst. Arabian Journal of Chemistry, 2016, 9, S1416-S1419.	4.9	7
133	Biodegradable Polymeric Nanocarrier-Based Immunotherapy in Hepatitis Vaccination. Advances in Experimental Medicine and Biology, 2018, 1078, 303-320.	1.6	7
134	A Facile Synthesis of Substituted 2â€(5â€(Benzylthio)â€1,3,4â€oxadiazolâ€2â€yl)pyrazine Using Microwave Irradiation and Conventional Method with Antioxidant and Anticancer Activities. Journal of Heterocyclic Chemistry, 2019, 56, 859-866.	2.6	7
135	Identification of Promising Biofilm Inhibitory and Cytotoxic Quinazolinâ€4â€one Derivatives: Synthesis, Evaluation, Molecular Docking and ADMET Studies. ChemistrySelect, 2019, 4, 3559-3566.	1.5	7
136	Propargylated monocarbonyl curcumin analogues: synthesis, bioevaluation and molecular docking study. Medicinal Chemistry Research, 2020, 29, 1902-1913.	2.4	7
137	[HDBU][HSO4]-catalyzed facile synthesis of new 1,2,3-triazole-tethered 2,3-dihydroquinazolin-4[1H]-one derivatives and their DPPH radical scavenging activity. Research on Chemical Intermediates, 2022, 48, 1199-1225.	2.7	7
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139	Stability-Indicating LC Determination of Nitazoxanide in Bulk Drug and in Pharmaceutical Dosage Form. Chromatographia, 2008, 67, 455-459.	1.3	6
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