

Jaiprakash N Sangshetti

List of Publications by Year in descending order

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179
papers

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citations

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#	ARTICLE	IF	CITATIONS
1	Docking Simulations and Primary Assessment of Newly Synthesized Benzene Sulfonamide Pyrazole Oxadiazole Derivatives as Potential Antimicrobial and Antitubercular Agents. Polycyclic Aromatic Compounds, 2023, 43, 1799-1811.	2.6	4
2	Ionic Liquid [(EMIM)Ac] Catalyzed Green and Efficient Synthesis of Pyrano[2,3- <i>c</i>]Pyrazole Derivatives. Polycyclic Aromatic Compounds, 2023, 43, 3761-3775.	2.6	4
3	[HDBU][HSO ₄]-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
4	An Efficient and Green Synthesis of Tetrahydrobenzo[<i>c</i>]Pyran Derivatives Using [(EMIM)Ac] at Room Temperature. ChemistrySelect, 2022, 7, .	1.5	8
5	Synthesis of naphthalimide derivatives bearing benzothiazole and thiazole moieties: In vitro anticancer and in silico ADMET study. Journal of Molecular Structure, 2022, 1263, 133173.	3.6	3
6	In silico structure based drug design approach to find potential hits in ventilator-associated pneumonia caused by Pseudomonas aeruginosa. Computers in Biology and Medicine, 2022, 146, 105597.	7.0	0
7	QbD-Based Development and Validation of an Efficient RP-HPLC Method for Estimation of Abiraterone Acetate in Bulk, Tablet, and In-House-Developed Nano-Formulation. Analytical Chemistry Letters, 2021, 11, 112-130.	1.0	3
8	A copper-catalyzed synthesis of aryloxy-tethered symmetrical 1,2,3-triazoles as potential antifungal agents targeting 14 β -demethylase. New Journal of Chemistry, 2021, 45, 13104-13118.	2.8	8
9	One pot synthesis, in silico study and evaluation of some novel flavonoids as potent topoisomerase II inhibitors. Bioorganic and Medicinal Chemistry Letters, 2021, 40, 127916.	2.2	6
10	Nanoscience. Current Pharmaceutical Design, 2021, 27, 2435-2435.	1.9	0
11	Application of Carbon Nanotubes In Drug Delivery of Non-cancerous Diseases: A Review. Current Pharmaceutical Design, 2021, 27, 2454-2467.	1.9	3
12	New 1,2,3-Triazole-Appended Bis-pyrazoles: Synthesis, Bioevaluation, and Molecular Docking. ACS Omega, 2021, 6, 24879-24890.	3.5	13
13	Benzopyranyl Phosphonate and β -Phosphono Malonates Derivatives: An Exciting Breakthrough in Chemistry. ChemistrySelect, 2021, 6, 617-629.	1.5	3
14	Development of novel, biocompatible, polyester amines for microglia-targeting gene delivery. RSC Advances, 2021, 11, 36792-36800.	3.6	1
15	ChCl:2ZnCl ₂ 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
16	Supramolecular biomimetic catalysis by β -cyclodextrin for the synthesis of new antimicrobial chromeno[4,3- <i>b</i>]quinolin-isonicotinamides in water. Research on Chemical Intermediates, 2020, 46, 737-753.	2.7	4
17	Synthesis and bioevaluation of β -bis(1H-1,2,3-triazol-5-ylmethylene) ketones. Chemical Papers, 2020, 74, 809-820.	2.2	5
18	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

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19	Organocatalyzed Domino Synthesis of New Thiazole-Based Decahydroacridine-1,8-diones and Dihydropyrido[2,3-d:6,5-d']-dipyrimidines in Water as Antimicrobial Agents. <i>Chemistry and Biodiversity</i> , 2020, 17, e1900577.	1.8	10
20	Synthesis, bioevaluation and molecular docking study of new piperazine and amide linked dimeric 1,2,3-triazoles. <i>Synthetic Communications</i> , 2020, 50, 271-288.	2.1	17
21	Identification of dual site inhibitors of tankyrase through virtual screening of protein-ligand interaction fingerprint (PLIF)-derived pharmacophore models, molecular dynamics, and ADMET studies. <i>Structural Chemistry</i> , 2020, 31, 769-779.	2.0	1
22	Insights of tankyrases: A novel target for drug discovery. <i>European Journal of Medicinal Chemistry</i> , 2020, 207, 112712.	5.5	24
23	New N-phenylacetamide-linked 1,2,3-triazole-tethered coumarin conjugates: Synthesis, bioevaluation, and molecular docking study. <i>Archiv Der Pharmazie</i> , 2020, 353, e2000164.	4.1	14
24	Propargylated monocarbonyl curcumin analogues: synthesis, bioevaluation and molecular docking study. <i>Medicinal Chemistry Research</i> , 2020, 29, 1902-1913.	2.4	7
25	Pharmacoinformatics approaches to identify potential hits against tetraacyldisaccharide 4 ϵ -kinase (LpxK) of <i>Pseudomonas aeruginosa</i> . <i>RSC Advances</i> , 2020, 10, 32856-32874.	3.6	3
26	Rapid Construction of Substituted Dihydrothiophene Ureidoformamides at Room Temperature Using Diisopropyl Ethyl Ammonium Acetate: A Green Perspective. <i>ACS Omega</i> , 2020, 5, 29055-29067.	3.5	17
27	Green Synthesis Of Methyl-6-Amino-5-Cyano-4-Aryl-2,4-Dihydropyrano[2,3-C]Pyrazole-3-Carboxylates using Dimethyl Acetylene dicarboxylate. <i>Chemical Data Collections</i> , 2020, 28, 100403.	2.3	1
28	SGLT inhibitors as antidiabetic agents: a comprehensive review. <i>RSC Advances</i> , 2020, 10, 1733-1756.	3.6	20
29	Synthesis and Biological Evaluation of 3,4-Dihydro-2H-benzo[b][1,4]-oxazine-2-carboxylic Acid Derivatives as Antitubercular Agents. <i>Asian Journal of Organic & Medicinal Chemistry</i> , 2020, 5, 138-148.	0.0	0
30	Pyridine and Benzoisothiazole Decorated Vanillin Chalcones: Synthesis, Antimicrobial, Antioxidant, Molecular Docking Study and ADMET Properties. <i>Current Organic Synthesis</i> , 2020, 17, 367-381.	1.3	1
31	Synthesis and biological activity of structurally diverse phthalazine derivatives: A systematic review. <i>Bioorganic and Medicinal Chemistry</i> , 2019, 27, 3979-3997.	3.0	32
32	Molecular docking, pharmacophore based virtual screening and molecular dynamics studies towards the identification of potential leads for the management of <i>H. pylori</i> . <i>RSC Advances</i> , 2019, 9, 26176-26208.	3.6	9
33	Comprehensive QSAR studies reveal structural insights into the NR2B subtype selective benzazepine derivatives as N-Methyl-Aspartate receptor antagonists. <i>Journal of Molecular Structure</i> , 2019, 1197, 617-627.	3.6	5
34	New N-phenylacetamide-incorporated 1,2,3-triazoles: [Et ₃ NH][OAc]-mediated efficient synthesis and biological evaluation. <i>RSC Advances</i> , 2019, 9, 22080-22091.	3.6	31
35	Sugar alcohol-based polymeric gene carriers: Synthesis, properties and gene therapy applications. <i>Acta Biomaterialia</i> , 2019, 97, 105-115.	8.3	15
36	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. <i>Synthetic Communications</i> , 2019, 49, 2521-2537.	2.1	20

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37	Design and Synthesis of New Aryloxy-linked Dimeric 1,2,3-Triazoles via Click Chemistry Approach: Biological Evaluation and Molecular Docking Study. <i>Journal of Heterocyclic Chemistry</i> , 2019, 56, 2144-2162.	2.6	15
38	A Facile Synthesis of Substituted 5-(Benzylthio)-1,3,4-oxadiazolo[2-c]pyrazine Using Microwave Irradiation and Conventional Method with Antioxidant and Anticancer Activities. <i>Journal of Heterocyclic Chemistry</i> , 2019, 56, 859-866.	2.6	7
39	New 1,2,3-triazole-linked tetrahydrobenzo[b]pyran derivatives: Facile synthesis, biological evaluation and molecular docking study. <i>Research on Chemical Intermediates</i> , 2019, 45, 5159-5182.	2.7	17
40	Synthesis and evaluation of pyrazole-incorporated monocarbonyl curcumin analogues as antiproliferative and antioxidant agents. <i>Journal of the Chinese Chemical Society</i> , 2019, 66, 1658-1665.	1.4	10
41	Identification of Promising Biofilm Inhibitory and Cytotoxic Quinazolinone Derivatives: Synthesis, Evaluation, Molecular Docking and ADMET Studies. <i>ChemistrySelect</i> , 2019, 4, 3559-3566.	1.5	7
42	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
43	Novel Benzylidenehydrazide-1,2,3-Triazole Conjugates as Antitubercular Agents: Synthesis and Molecular Docking. <i>Mini-Reviews in Medicinal Chemistry</i> , 2019, 19, 1178-1194.	2.4	12
44	Helminthocidal and Larvicidal Potentials of Biogenic Silver Nanoparticles Synthesized from Medicinal Plant <i>Momordica charantia</i> . <i>Medicinal Chemistry</i> , 2019, 15, 781-789.	1.5	29
45	Ultrasound Promoted Green Synthesis, Docking Study of Indole Spliced Thiadiazole, $\hat{\pm}$ -amino Phosphonates as Anticancer Agents and Antityrosinase Agents. <i>Anti-Cancer Agents in Medicinal Chemistry</i> , 2019, 18, 1267-1280.	1.7	8
46	HPLC METHOD DEVELOPMENT FOR DETERMINATION OF PYRAZINAMIDE AND RELATED SUBSTANCE BY USING QUALITY BY DESIGN (QBD) APPROACH. <i>European Chemical Bulletin</i> , 2019, 8, 328.	2.7	0
47	Eaton's Reagent Catalyzed Synthesis, Invitro $\hat{\pm}$ -Amylase Inhibitory Activity and Molecular Docking Study of some Schiff's Bases as Diabetic-II Inhibitors. <i>European Chemical Bulletin</i> , 2019, 8, 356.	2.7	1
48	Synthesis, biological evaluation and docking study of some novel isoxazole clubbed 1,3,4-oxadiazoles derivatives. <i>Medicinal Chemistry Research</i> , 2018, 27, 1283-1291.	2.4	19
49	LQTA-R: A new 3D-QSAR methodology applied to a set of DGAT1 inhibitors. <i>Computational Biology and Chemistry</i> , 2018, 74, 123-131.	2.3	11
50	Synthesis, Antimicrobial Evaluation and Docking Study of Some Pyrazole Bearing [1,2,4]Triazolo[3,4-b][1,3,4]thiadiazole Derivatives. <i>ChemistrySelect</i> , 2018, 3, 3899-3903.	1.5	9
51	Ultrasound-mediated synthesis, biological evaluation, docking and in vivo acute oral toxicity study of novel indolin-2-one coupled pyrimidine derivatives. <i>Research on Chemical Intermediates</i> , 2018, 44, 3031-3059.	2.7	8
52	$\hat{2}$ -Cyclodextrin catalyzed one-pot four component auspicious protocol for synthesis of spiro[acridine-9,3-indole]-2,4,4-(1 $\hat{2}$ H,5 $\hat{2}$ H,10H)-trione as a potential antimicrobial agent. <i>Synthetic Communications</i> , 2018, 48, 1701-1714.	2.1	11
53	Design, synthesis, and pharmacological evaluation of fluorinated azoles as anti-tubercular agents. <i>Archiv Der Pharmazie</i> , 2018, 351, 1700294.	4.1	11
54	Facile one-pot synthesis, antibacterial activity and in silico ADME prediction of 1-substituted-1H-1,2,3,4-tetrazoles. <i>Chemical Data Collections</i> , 2018, 15-16, 107-114.	2.3	12

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55	Fungal biofilm inhibition by piperazine-sulphonamide linked Schiff bases: Design, synthesis, and biological evaluation. <i>Archiv Der Pharmazie</i> , 2018, 351, e1700354.	4.1	5
56	Benzene sulfonamide pyrazole thio-oxadiazole hybrid as potential antimicrobial and antitubercular agents. <i>Research on Chemical Intermediates</i> , 2018, 44, 4437-4453.	2.7	9
57	Structural insights of dipeptidyl peptidase-IV inhibitors through molecular dynamics-guided receptor-dependent 4D-QSAR studies. <i>Molecular Diversity</i> , 2018, 22, 575-583.	3.9	5
58	Synthesis, biological evaluation, molecular docking, and ADMET studies of some isoxazole-based amides. <i>Medicinal Chemistry Research</i> , 2018, 27, 429-441.	2.4	6
59	Sugar-based gene delivery systems: Current knowledge and new perspectives. <i>Carbohydrate Polymers</i> , 2018, 181, 1180-1193.	10.2	35
60	Microwave-assisted synthesis of novel 5-substituted benzylidene amino-2-butyl benzofuran-3-yl-4-methoxyphenyl methanones as antileishmanial and antioxidant agents. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2018, 28, 482-487.	2.2	9
61	Extended release delivery of erlotinib glutathione nanosponge for targeting lung cancer. <i>Artificial Cells, Nanomedicine and Biotechnology</i> , 2018, 46, 1064-1075.	2.8	30
62	Design, Synthesis and Biological Screening of Novel 1,3,4-Oxadiazoles as Antitubercular Agents. <i>ChemistrySelect</i> , 2018, 3, 13304-13310.	1.5	8
63	Design, Synthesis and Molecular Docking Studies of Novel Triazole-Chromene Conjugates as Antitubercular, Antioxidant and Antifungal Agents. <i>ChemistrySelect</i> , 2018, 3, 13113-13122.	1.5	29
64	Biodegradable Polymeric Nanocarrier-Based Immunotherapy in Hepatitis Vaccination. <i>Advances in Experimental Medicine and Biology</i> , 2018, 1078, 303-320.	1.6	7
65	New 2-Oxoindolin Phosphonates as Novel Agents to Treat Cancer: A Green Synthesis and Molecular Modeling. <i>Molecules</i> , 2018, 23, 1981.	3.8	12
66	Synthesis of Novel β -Aminophosphonate Derivatives, Biological Evaluation as Potent Antiproliferative Agents and Molecular Docking. <i>ChemistrySelect</i> , 2018, 3, 5552-5558.	1.5	14
67	β -CD-catalyzed multicomponent domino reaction: synthesis, characterization, in silico molecular docking and biological evaluation of pyrano[2,3-d]pyrimidinone derivatives. <i>Research on Chemical Intermediates</i> , 2018, 44, 6119-6136.	2.7	23
68	Synthesis and biological evaluation of novel triazole-biscoumarin conjugates as potential antitubercular and anti-oxidant agents. <i>Research on Chemical Intermediates</i> , 2018, 44, 6283-6310.	2.7	20
69	A rapid and green method for expedient multicomponent synthesis of N-substituted decahydroacridine-1,8-diones as potential antimicrobial agents. <i>Research on Chemical Intermediates</i> , 2018, 44, 7047-7064.	2.7	16
70	Ultrasound Assisted Synthesis of 4-(Benzyloxy)-N-(3-chloro-2-(substitutedphenyl)-4-oxoazetidin-1-yl) Benzamide as Challenging Anti-Tubercular Scaffold. <i>Molecules</i> , 2018, 23, 1945.	3.8	9
71	Targeted Delivery of siRNA Therapeutics using Ligand Mediated Biodegradable Polymeric Nanocarriers. <i>Current Pharmaceutical Design</i> , 2018, 24, 1788-1800.	1.9	3
72	Efficient siRNA delivery using osmotically active and biodegradable poly(ester amine)s. <i>Advanced Materials Letters</i> , 2018, 9, 590-593.	0.6	0

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73	Synthesis of Novel Triazole-incorporated Isatin Derivatives as Antifungal, Antitubercular, and Antioxidant Agents and Molecular Docking Study. <i>Journal of Heterocyclic Chemistry</i> , 2017, 54, 413-421.	2.6	45
74	β -Cyclodextrin as a Biomimetic Catalyst for the Efficient Synthesis of 4-Oxo-pyrido[1,2-a]Pyrimidine-3-Carbonitrile in Aqueous Medium. <i>Catalysis Letters</i> , 2017, 147, 640-648.	2.6	16
75	Synthesis, crystal structures, biological screening and electrochemical analysis of some salen-based transition metal complexes. <i>Research on Chemical Intermediates</i> , 2017, 43, 4863-4879.	2.7	15
76	β -Cyclodextrin as a supramolecular catalyst for the synthesis of 2 H-indazolo[2,1-b]phthalazine-trione derivatives in water and their antimicrobial activities. <i>Chinese Chemical Letters</i> , 2017, 28, 1577-1582.	9.0	37
77	Two decades of antifilarial drug discovery: a review. <i>RSC Advances</i> , 2017, 7, 20628-20666.	3.6	16
78	Synthesis, antioxidant, antifungal, molecular docking and ADMET studies of some thiazolyl hydrazones. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2017, 27, 3891-3896.	2.2	42
79	Antileishmanial potential of fused 5-(pyrazin-2-yl)-4H-1,2,4-triazole-3-thiols: Synthesis, biological evaluations and computational studies. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2017, 27, 3845-3850.	2.2	27
80	Antileishmanial evaluation of clubbed bis(indolyl)-pyridine derivatives: One-pot synthesis, in vitro biological evaluations and in silico ADME prediction. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2017, 27, 567-573.	2.2	22
81	Enhancement of oral bioavailability of anti-HIV drug rilpivirine HCl through nanosponge formulation. <i>Drug Development and Industrial Pharmacy</i> , 2017, 43, 2076-2084.	2.0	46
82	Pyrido[1,2-a]pyrimidin-4-ones: Ligand-based Design, Synthesis, and Evaluation as an Anti-inflammatory Agent. <i>Journal of Heterocyclic Chemistry</i> , 2017, 54, 3299-3313.	2.6	12
83	Quinolidene-rhodanine conjugates: Facile synthesis and biological evaluation. <i>European Journal of Medicinal Chemistry</i> , 2017, 125, 385-399.	5.5	47
84	Green synthesis and anxiolytic activity of some new dibenz-[1,4] diazepine-1-one analogues. <i>Arabian Journal of Chemistry</i> , 2017, 10, S1356-S1363.	4.9	19
85	Quality by design approach: Regulatory need. <i>Arabian Journal of Chemistry</i> , 2017, 10, S3412-S3425.	4.9	155
86	Water mediated oxalic acid catalyzed one pot synthesis of 1,8-dioxodecahydroacridines. <i>Arabian Journal of Chemistry</i> , 2017, 10, S10-S12.	4.9	14
87	Ionic Liquid-Catalyzed Green Protocol for Multi-Component Synthesis of Dihydropyrano[2,3-c]pyrazoles as Potential Anticancer Scaffolds. <i>Molecules</i> , 2017, 22, 1628.	3.8	29
88	Mur Ligase Inhibitors as Anti-bacterials: A Comprehensive Review. <i>Current Pharmaceutical Design</i> , 2017, 23, 3164-3196.	1.9	18
89	Development and validation of RP-HPLC method for determination of Atorvastatin calcium and Nicotinic acid in combined tablet dosage form. <i>Journal of Saudi Chemical Society</i> , 2016, 20, S328-S333.	5.2	15
90	Microwave-assisted solvent-free one pot synthesis of isobenzofuran-1(3H)-ones using sulphamic acid catalyst. <i>Arabian Journal of Chemistry</i> , 2016, 9, S1416-S1419.	4.9	7

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91	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. <i>Molecules</i> , 2016, 21, 484.	3.8	20
92	Correction: Efficient gene transfection to liver cells via the cellular regulation of a multifunctional poly lactitol-based gene transporter. <i>Journal of Materials Chemistry B</i> , 2016, 4, 2740-2740.	5.8	0
93	Biphenyl tetrazole-thiazolidinediones as novel bacterial peptide deformylase inhibitors: Synthesis, biological evaluations and molecular docking study. <i>Biomedicine and Pharmacotherapy</i> , 2016, 83, 1146-1153.	5.6	14
94	Design and synthesis of 4-((5-benzylidene-2,4-dioxothiazolidin-3-yl)methyl)biphenyl-2-carbonitrile analogs as bacterial peptide deformylase inhibitors. <i>Chemical Biology and Drug Design</i> , 2016, 88, 938-944.	3.2	11
95	Bacterial Peptide Deformylase Inhibition of Tetrazole-Substituted Biaryl Acid Analogs: Synthesis, Biological Evaluations, and Molecular Docking Study. <i>Archiv Der Pharmazie</i> , 2016, 349, 934-943.	4.1	5
96	Bacterial Peptide deformylase inhibition of cyano substituted biaryl analogs: Synthesis, in vitro biological evaluation, molecular docking study and in silico ADME prediction. <i>Bioorganic and Medicinal Chemistry</i> , 2016, 24, 3456-3463.	3.0	15
97	Efficient gene transfection to liver cells via the cellular regulation of a multifunctional poly lactitol-based gene transporter. <i>Journal of Materials Chemistry B</i> , 2016, 4, 2208-2218.	5.8	9
98	1,2,3-Triazole tethered acetophenones: Synthesis, bioevaluation and molecular docking study. <i>Chinese Chemical Letters</i> , 2016, 27, 1058-1063.	9.0	27
99	Novel amalgamation of phthalazine-quinolines as biofilm inhibitors: One-pot synthesis, biological evaluation and in silico ADME prediction with favorable metabolic fate. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2016, 26, 1696-1703.	2.2	20
100	Synthesis, biological evaluation and molecular docking of novel coumarin incorporated triazoles as antitubercular, antioxidant and antimicrobial agents. <i>Medicinal Chemistry Research</i> , 2016, 25, 790-804.	2.4	61
101	Facile synthesis of new N-sulfonamidyl-4-thiazolidinone derivatives and their biological evaluation. <i>New Journal of Chemistry</i> , 2016, 40, 3047-3058.	2.8	25
102	Novel tetrazoloquinoline-rhodanine conjugates: Highly efficient synthesis and biological evaluation. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2016, 26, 2278-2283.	2.2	42
103	Hierarchical nanostructures of Au@ZnO: antibacterial and antibiofilm agent. <i>Applied Microbiology and Biotechnology</i> , 2016, 100, 5849-5858.	3.6	23
104	Antileishmanial activity of novel indolyl-coumarin hybrids: Design, synthesis, biological evaluation, molecular docking study and in silico ADME prediction. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2016, 26, 829-835.	2.2	36
105	Expeditious synthesis, antileishmanial and antioxidant activities of novel 3-substituted-4-hydroxycoumarin derivatives. <i>Chinese Chemical Letters</i> , 2016, 27, 287-294.	9.0	28
106	1,2,3-Triazole incorporated coumarin derivatives as potential antifungal and antioxidant agents. <i>Chinese Chemical Letters</i> , 2016, 27, 295-301.	9.0	54
107	[Et3NH][HSO4]-catalyzed one-pot, solvent-free synthesis and biological evaluation of β -amino phosphonates. <i>Research on Chemical Intermediates</i> , 2016, 42, 5115-5131.	2.7	12
108	Multiple Roles of Biosurfactants in Biofilms. <i>Current Pharmaceutical Design</i> , 2016, 22, 1429-1448.	1.9	56

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109	Recent Advances in the Synthesis of Coumarin Derivatives via Pechmann Condensation. <i>Current Organic Chemistry</i> , 2016, 20, 798-828.	1.6	37
110	Microwave Assisted Facile Synthesis and Biological Evaluation of Novel 2-Indolyl -1, 5-Benzothiazepines. <i>Open Pharmaceutical Sciences Journal</i> , 2016, 3, 117-130.	2.1	6
111	Novel Amalgamation of 2-Styrylchromones and 1,2,4-Triazole: Synthesis, Antimicrobial Evaluation and Docking Study. <i>Letters in Drug Design and Discovery</i> , 2015, 12, 650-660.	0.7	7
112	SULFAMIC ACID CATALYZED FIVE COMPONENT REACTION FOR EFFICIENT AND ONE-POT SYNTHESIS OF DENSELY FUNCTIONALIZED TETRAHYDROPYRIDINE SCAFFOLD. <i>Journal of the Chilean Chemical Society</i> , 2015, 60, 2832-2836.	1.2	5
113	Biofilm inhibition of linezolid-like Schiff bases: Synthesis, biological activity, molecular docking and in silico ADME prediction. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2015, 25, 874-880.	2.2	26
114	Water-mediated oxalic acid catalysed one-pot synthesis of 2-(substituted phenyl) phthalazin-1(2H)-ones. <i>Journal of Taibah University for Science</i> , 2015, 9, 548-554.	2.5	9
115	One-pot three-component synthesis of 3-(\pm -aminobenzyl)-4-hydroxycoumarin derivatives using nanocrystalline TiO ₂ as reusable catalyst. <i>Russian Journal of Organic Chemistry</i> , 2015, 51, 69-73.	0.8	14
116	Synthesis, molecular docking and biological evaluation of some novel tetrazolo[1,5-a]quinoline incorporated pyrazoline and isoxazoline derivatives. <i>Medicinal Chemistry Research</i> , 2015, 24, 3372-3386.	2.4	17
117	1,2,3-Triazole derivatives as antitubercular agents: synthesis, biological evaluation and molecular docking study. <i>MedChemComm</i> , 2015, 6, 1104-1116.	3.4	148
118	Antileishmanial drug discovery: comprehensive review of the last 10 years. <i>RSC Advances</i> , 2015, 5, 32376-32415.	3.6	126
119	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. <i>Medicinal Chemistry Research</i> , 2015, 24, 4058-4069.	2.4	9
120	CAN catalyzed one-pot synthesis and docking study of some novel substituted imidazole coupled 1,2,4-triazole-5-carboxylic acids as antifungal agents. <i>Chinese Chemical Letters</i> , 2015, 26, 108-112.	9.0	24
121	Efficient one-pot synthesis, molecular docking and in silico ADME prediction of bis-(4-hydroxycoumarin-3-yl) methane derivatives as antileishmanial agents. <i>EXCLI Journal</i> , 2015, 14, 935-47.	0.7	19
122	Synthesis and Biological Activities of Substituted Benzoxazepine: A Review. <i>Mini-Reviews in Organic Chemistry</i> , 2015, 12, 345-354.	1.3	13
123	Recent Advances in Multidimensional QSAR (4D-6D): A Critical Review. <i>Mini-Reviews in Medicinal Chemistry</i> , 2014, 14, 35-55.	2.4	78
124	Peptide Deformylase: A New Target in Antibacterial, Antimalarial and Anticancer Drug Discovery. <i>Current Medicinal Chemistry</i> , 2014, 22, 214-236.	2.4	41
125	Synthesis, antileishmanial activity and docking study of N^{ϵ} -substitutedbenzylidene-2-(6,7-dihydrothieno[3,2-c]pyridin-5(4H)-yl)acetohydrazides. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2014, 24, 1605-1610.	2.2	28
126	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 67 Td (1033-1038.	9.0	41

#	ARTICLE	IF	CITATIONS
127	Ultrasound Assisted Synthesis, Anticonvulsant Activity, and Docking Study of Indole Appended Thiazolidinones. <i>Archiv Der Pharmazie</i> , 2014, 347, 756-767.	4.1	14
128	Microwave assisted synthesis and docking study of N-(2-oxo-2-(4-oxo-2-substituted) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 707 Td (thiazolidinones). <i>Chemistry Letters</i> , 2014, 24, 5558-5562.	2.2	30
129	Use of Systematic Approach for Development of RP-HPLC Method for Simultaneous Determination of Lopinavir and Ritonavir. <i>Analytical Chemistry Letters</i> , 2014, 4, 123-131.	1.0	0
130	Green synthesis and biological evaluation of some new benzothiazolo [2,3-b] quinazolin-1-ones as anticancer agents. <i>Medicinal Chemistry Research</i> , 2014, 23, 4893-4900.	2.4	12
131	Determination of Exemestane in bulk and pharmaceutical dosage form by HPTLC. <i>Arabian Journal of Chemistry</i> , 2014, 7, 504-508.	4.9	8
132	Synthesis and Biological Activity of Substituted-4,5,6,7-tetrahydrothieno Pyridines: A Review. <i>Mini-Reviews in Medicinal Chemistry</i> , 2014, 14, 988-1020.	2.4	18
133	Pfizzinger Reaction in the Synthesis of Bioactive Compounds - A Review. <i>Mini-Reviews in Organic Chemistry</i> , 2014, 11, 225-250.	1.3	20
134	Microwave assisted nano (ZnO-TiO ₂) 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. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2013, 23, 2250-2253.	2.2	25
135	A novel amalgamation of 1,2,3-triazoles, piperidines and thieno pyridine rings and evaluation of their antifungal activity. <i>European Journal of Medicinal Chemistry</i> , 2013, 65, 527-532.	5.5	35
136	Aldose Reductase: A Multi-disease Target. <i>Current Enzyme Inhibition</i> , 2013, 10, 2-12.	0.4	14
137	Histone Deacetylases as Targets for Multiple Diseases. <i>Mini-Reviews in Medicinal Chemistry</i> , 2013, 13, 1005-1026.	2.4	12
138	Synthesis of Some New Flurbiprofen Analogues as Anti-inflammatory Agents. <i>Anti-Inflammatory and Anti-Allergy Agents in Medicinal Chemistry</i> , 2013, 13, 128-138.	1.1	1
139	SOLVENT FREE OXALIC ACID CATALYZED SYNTHESIS OF 1,5-BENZODIAZEPINES. <i>Journal of the Chilean Chemical Society</i> , 2013, 58, 2200-2203.	1.2	11
140	Efficient synthesis of β -acetamido ketones using BF ₃ /Et ₂ O: a fertile approach toward avoiding usage of acetyl chloride. <i>Green Chemistry Letters and Reviews</i> , 2012, 5, 643-648.	4.7	5
141	Ultrasound Mediated, Sodium Bisulfite Catalyzed, Solvent Free Synthesis of 6-Amino-3-methyl-4-substitued-2,4-dihydropyrano[2,3-c]pyrazole-5-carbonitrile. <i>Journal of the Korean Chemical Society</i> , 2012, 56, 328-333.	0.2	26
142	Stability-indicating (liquid chromatographic) LC method for the determination of rifabutin in bulk drug and in pharmaceutical dosage form. <i>African Journal of Pharmacy and Pharmacology</i> , 2011, 5, 298-305.	0.3	4
143	Stability-indicating HPLC determination of pramipexole dihydrochloride in bulk drug and pharmaceutical dosage form. <i>Journal of the Brazilian Chemical Society</i> , 2011, , .	0.6	5
144	VALIDATED CHIRAL LC METHOD FOR DEXRABEPRAZOLE ON REVERSE PHASE AMYLOSE BASED STATIONARY PHASE. <i>Journal of the Chilean Chemical Society</i> , 2011, 56, 706-708.	1.2	1

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145	Synthesis, Antifungal Activity, and Docking Study of Some New 1,2,4-triazole Analogs. <i>Chemical Biology and Drug Design</i> , 2011, 78, 800-809.	3.2	21
146	ZrOCl ₂ ·8H ₂ O catalyzed solvent-free synthesis of isobenzofuran-1(3H)-ones. <i>Chinese Chemical Letters</i> , 2011, 22, 163-166.	9.0	13
147	Microwave assisted one pot synthesis of some novel 2,5-disubstituted 1,3,4-oxadiazoles as antifungal agents. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2011, 21, 444-448.	2.2	94
148	Synthesis of some novel 3-(1-(1-substituted piperidin-4-yl)-1H-1,2,3-triazol-4-yl)-5-substituted phenyl-1,2,4-oxadiazoles as antifungal agents. <i>European Journal of Medicinal Chemistry</i> , 2011, 46, 1040-1044.	5.5	32
149	One pot synthesis and SAR of some novel 3-substituted 5,6-diphenyl-1,2,4-triazines as antifungal agents. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2010, 20, 742-745.	2.2	90
150	Synthesis and anti-inflammatory activity of some 3-(4,6-disubstituted-2-thioxo-1,2,3,4-tetrahydropyrimidin-5-yl) propanoic acid derivatives. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2010, 20, 4424-4426.	2.2	78
151	Stability Indicating LC Method for Simultaneous Determination of Irbesartan and Hydrochlorothiazide in Pharmaceutical Preparations. <i>Journal of Chromatographic Science</i> , 2010, 48, 595-600.	1.4	34
152	Stability Indicating LC Method For the Simultaneous Determination of Amlodipine and Olmesartan in Dosage Form. <i>Journal of Chromatographic Science</i> , 2010, 48, 601-606.	1.4	16
153	Synthesis and SAR of Some New 4 Substituted 3H-1,2,3,5-oxathiadiazole 2-Oxides as Antifungal Agents. <i>Letters in Drug Design and Discovery</i> , 2010, 7, 171-175.	0.7	6
154	A new chromogenic spray reagent for detection and identification of monocrotophos. <i>Journal of Planar Chromatography - Modern TLC</i> , 2009, 22, 457-458.	1.2	4
155	Stability-indicating RP-HPLC method for analysis of eplerenone in the bulk drug and in a pharmaceutical dosage form. <i>Acta Chromatographica</i> , 2009, 21, 619-629.	1.3	15
156	Water mediated efficient one-pot synthesis of bis-(4-hydroxycoumarin)methanes. <i>Green Chemistry Letters and Reviews</i> , 2009, 2, 233-235.	4.7	48
157	Development of mild and efficient method for synthesis of substituted flavones using oxalic acid catalyst. <i>Chinese Chemical Letters</i> , 2009, 20, 171-174.	9.0	20
158	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. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2009, 19, 3564-3567.	2.2	73
159	Stability-Indicating LC Method for the Determination of Olmesartan in Bulk Drug and in Pharmaceutical Dosage Form. <i>Chromatographia</i> , 2009, 69, 169-173.	1.3	17
160	A Stability-Indicating LC Method for Lumefantrine. <i>Chromatographia</i> , 2009, 69, 375-379.	1.3	6
161	Stability-Indicating LC Method for Analysis of Lornoxicam in the Dosage Form. <i>Chromatographia</i> , 2009, 69, 1001-1005.	1.3	19
162	Efficient one-pot synthesis of quinoxalines in the presence of zinc iodide as catalyst. <i>Russian Journal of Organic Chemistry</i> , 2009, 45, 1116-1118.	0.8	10

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163	Ceric ammonium nitrate catalysed three component one-pot efficient synthesis of 2,4,5-triaryl-1H-imidazoles. <i>Journal of Chemical Sciences</i> , 2008, 120, 463-467.	1.5	79
164	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. <i>Monatshefte für Chemie</i> , 2008, 139, 125-127.	1.8	70
165	Oxalic acid as a versatile catalyst for one pot facile synthesis of 3,4-dihydropyrimidin-2(1H)-ones and their thione analogues. <i>Journal of Heterocyclic Chemistry</i> , 2008, 45, 1191-1194.	2.6	11
166	Oxalic Acid Catalyzed Three Component One Pot Synthesis of 3,4-dihydroquinazolin-4-ones. <i>Chinese Journal of Chemistry</i> , 2008, 26, 1506-1508.	4.9	6
167	ZrOCl ₂ ·8H ₂ O catalyzed one-pot synthesis of 2,4,5-triaryl-1H-imidazoles and substituted 1,4-di(4,5-diphenylimidazol-yl)benzene. <i>Chinese Chemical Letters</i> , 2008, 19, 762-766.	9.0	29
168	Oxalic acid as a catalyst for efficient synthesis of bis-(indolyl)methanes, and 14-aryl-14H-dibenzo[a,j]xanthenes in water. <i>Chinese Chemical Letters</i> , 2008, 19, 1186-1189.	9.0	41
169	Stability-Indicating LC Determination of Nitazoxanide in Bulk Drug and in Pharmaceutical Dosage Form. <i>Chromatographia</i> , 2008, 67, 455-459.	1.3	6
170	A Stability-Indicating LC Method for the Simultaneous Determination of Telmisartan and Ramipril in Dosage Form. <i>Chromatographia</i> , 2008, 67, 575-582.	1.3	12
171	Enantiomeric LC Separation of Epinephrine on Amylose based sorbent. <i>Chromatographia</i> , 2008, 67, 777-781.	1.3	9
172	Simultaneous High-Performance Liquid Chromatographic Determination of Telmisartan and Hydrochlorothiazide in Pharmaceutical Preparation. <i>Journal of Chromatographic Science</i> , 2008, 46, 887-891.	1.4	32
173	One-Pot Efficient Synthesis of 2-Aryl-1-arylmethyl-1H-benzimidazoles and 2,4,5-Triaryl-1H-imidazoles Using Oxalic Acid Catalyst. <i>Synthesis</i> , 2007, 2007, 2829-2834.	2.3	20
174	Oxalic acid catalyzed solvent-free one pot synthesis of coumarins. <i>Chinese Chemical Letters</i> , 2007, 18, 1309-1312.	9.0	22
175	Sulfanilic acid catalyzed solvent-free synthesis of 1,5-benzodiazepine derivatives. <i>Chinese Chemical Letters</i> , 2007, 18, 1305-1308.	9.0	13
176	Zirconyl(IV) Chloride Catalyzed Three Component One-pot Synthesis of Quinazolin-4(3H)-ones. <i>Monatshefte für Chemie</i> , 2007, 138, 1289-1291.	1.8	5
177	Simultaneous spectrophotometric estimation of aceclofenac and paracetamol in tablet dosage form. <i>Indian Journal of Pharmaceutical Sciences</i> , 2007, 69, 289.	1.0	8
178	Sulphanilic Acid Catalyzed Facile One-pot Synthesis of 2,4,5-Triarylimidazoles From Benzil/Benzoin and Aromatic Aldehydes. <i>Journal of the Korean Chemical Society</i> , 2007, 51, 418-422.	0.2	24
179	RP-HPLC Method Development and Validation for the Estimation of Lansoprazole in Presence of Related Substances by QbD Approach. <i>Journal of Pharmaceutical Research International</i> , 0, , 138-150.	1.0	0