

Katharigatta N Venugopala

List of Publications by Year in descending order

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199
papers

4,519
citations

159573

30
h-index

155644

55
g-index

207
all docs

207
docs citations

207
times ranked

5001
citing authors

#	ARTICLE	IF	CITATIONS
1	Review on Natural Coumarin Lead Compounds for Their Pharmacological Activity. <i>BioMed Research International</i> , 2013, 2013, 1-14.	1.9	587
2	Historical review of malarial control in southern African with emphasis on the use of indoor residual house-spraying. <i>Tropical Medicine and International Health</i> , 2004, 9, 846-856.	2.3	275
3	A systematic review on black pepper (<i>Piper nigrum</i> L.): from folk uses to pharmacological applications. <i>Critical Reviews in Food Science and Nutrition</i> , 2019, 59, S210-S243.	10.3	178
4	Omicron variant genome evolution and phylogenetics. <i>Journal of Medical Virology</i> , 2022, 94, 1627-1632.	5.0	159
5	Synthesis, Antibacterial Activity of 2,4-Disubstituted Oxazoles and Thiazoles as Bioisosteres. <i>Letters in Drug Design and Discovery</i> , 2009, 6, 21-28.	0.7	89
6	Design, synthesis, characterization, and antibacterial activity of {5-chloro-2-[(3-substitutedphenyl-1,2,4-oxadiazol-5-yl)-methoxy]-phenyl}-(phenyl)-methanones. <i>European Journal of Medicinal Chemistry</i> , 2010, 45, 2677-2682.	5.5	89
7	Concomitant Polymorphism in 3-Acetylcoumarin: Role of Weak H ⁺ and H ⁻ Interactions. <i>Crystal Growth and Design</i> , 2004, 4, 1105-1107.	3.0	81
8	Preparation and Evaluation of Atorvastatin-Loaded Nanoemulgel on Wound-Healing Efficacy. <i>Pharmaceutics</i> , 2019, 11, 609.	4.5	67
9	Development and Optimization of Naringenin-Loaded Chitosan-Coated Nanoemulsion for Topical Therapy in Wound Healing. <i>Pharmaceutics</i> , 2020, 12, 893.	4.5	66
10	Repurposing of FDA-approved antivirals, antibiotics, anthelmintics, antioxidants, and cell protectives against SARS-CoV-2 papain-like protease. <i>Journal of Biomolecular Structure and Dynamics</i> , 2021, 39, 5129-5136.	3.5	64
11	Synthesis and antimosquito properties of 2,6-substituted benzo[d]thiazole and 2,4-substituted benzo[d]thiazole analogues against <i>Anopheles arabiensis</i> . <i>European Journal of Medicinal Chemistry</i> , 2013, 65, 295-303.	5.5	59
12	Microwave-induced synthesis of schiff bases of aminothiazolyl bromocoumarins as antibacterials. <i>Indian Journal of Pharmaceutical Sciences</i> , 2008, 70, 88.	1.0	53
13	New Benzothiazole-based Thiazolidinones as Potent Antimicrobial Agents. Design, synthesis and Biological Evaluation. <i>Current Topics in Medicinal Chemistry</i> , 2018, 18, 75-87.	2.1	51
14	Screening and Molecular Docking of Novel Benzothiazole Derivatives as Potential Antimicrobial Agents. <i>Antibiotics</i> , 2020, 9, 221.	3.7	50
15	Clarithromycin Solid Lipid Nanoparticles for Topical Ocular Therapy: Optimization, Evaluation and In Vivo Studies. <i>Pharmaceutics</i> , 2021, 13, 523.	4.5	50
16	Development of Metronidazole Loaded Chitosan Nanoparticles Using QbD Approach: A Novel and Potential Antibacterial Formulation. <i>Pharmaceutics</i> , 2020, 12, 920.	4.5	46
17	Nanoparticle formulation by χ B-90 Nano Spray Dryer for oral mucoadhesion. <i>Drug Design, Development and Therapy</i> , 2015, 9, 273.	4.3	45
18	Perspectives on RNA Vaccine Candidates for COVID-19. <i>Frontiers in Molecular Biosciences</i> , 2021, 8, 635245.	3.5	44

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19	Synthesis, characterization and antibacterial activity of 2-[1-(5-chloro-2-methoxy-phenyl)-5-methyl-1H-pyrazol-4-yl]-5-(substituted-phenyl)-[1,3,4]oxadiazoles. <i>European Journal of Medicinal Chemistry</i> , 2009, 44, 4522-4527.	5.5	43
20	Molecular modeling studies and anti-TB activity of trisubstituted indolizine analogues; molecular docking and dynamic inputs. <i>Journal of Biomolecular Structure and Dynamics</i> , 2018, 36, 2163-2178.	3.5	43
21	Thiazole: A Versatile Standalone Moiety Contributing to the Development of Various Drugs and Biologically Active Agents. <i>Molecules</i> , 2022, 27, 3994.	3.8	43
22	Graphene-based hybrid nanoparticle of doxorubicin for cancer chemotherapy. <i>International Journal of Nanomedicine</i> , 2019, Volume 14, 7419-7429.	6.7	42
23	Development of Asialoglycoprotein Receptor-Targeted Nanoparticles for Selective Delivery of Gemcitabine to Hepatocellular Carcinoma. <i>Molecules</i> , 2019, 24, 4566.	3.8	42
24	Synthesis and Structural Elucidation of Novel Benzothiazole Derivatives as Anti-tubercular Agents: In-silico Screening for Possible Target Identification. <i>Medicinal Chemistry</i> , 2019, 15, 311-326.	1.5	41
25	Greener synthesis of indolizine analogues using water as a base and solvent: study for larvicidal activity against <i>Anopheles arabiensis</i> . <i>Chemical Biology and Drug Design</i> , 2016, 88, 899-904.	3.2	40
26	Design, synthesis, and characterization of (1-(4-aryl)-1H-1,2,3-triazol-4-yl)methyl, substituted phenyl-6-methyl-2-oxo-1,2,3,4-tetrahydropyrimidine-5-carboxylates against <i>Mycobacterium tuberculosis</i> . <i>Drug Design, Development and Therapy</i> , 2016, Volume 10, 2681-2690.	4.3	39
27	Synthesis and Antitubercular Activity of 2-(substituted) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 427 Td (phenyl/benzyl)aminol. <i>Chemical Biology and Drug Design</i> , 2013, 81, 219-227.	3.2	38
28	Neurological Consequences of SARS-CoV-2 Infection and Concurrence of Treatment-Induced Neuropsychiatric Adverse Events in COVID-19 Patients: Navigating the Uncharted. <i>Frontiers in Molecular Biosciences</i> , 2021, 8, 627723.	3.5	37
29	ADMET Profiling in Drug Discovery and Development: Perspectives of In Silico, In Vitro and Integrated Approaches. <i>Current Drug Metabolism</i> , 2021, 22, 503-522.	1.2	37
30	One-pot microwave assisted synthesis and structural elucidation of novel ethyl 3-substituted-7-methylindolizine-1-carboxylates with larvicidal activity against <i>Anopheles arabiensis</i> . <i>Journal of Molecular Structure</i> , 2018, 1156, 377-384.	3.6	36
31	Antiglycation, comparative antioxidant potential, phenolic content and yield variation of essential oils from 19 exotic and endemic medicinal plants. <i>Saudi Journal of Biological Sciences</i> , 2019, 26, 1779-1788.	3.8	34
32	Synthesis and Characterization of Ethyl 7-Acetyl-2-substituted 3-(substituted) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 227 Td (benzoyl)indolizine. <i>Journal of Molecular Structure</i> , 2018, 1156, 1043-1048.	0.3	33
33	Validation of rapid RP-HPLC method for concurrent quantification of amlodipine and celecoxib in pure and formulation using an experimental design. <i>Microchemical Journal</i> , 2020, 152, 104365.	4.5	33
34	Efficient synthesis and characterization of novel indolizines: exploration of <i>in vitro</i> COX-2 inhibitory activity and molecular modelling studies. <i>New Journal of Chemistry</i> , 2018, 42, 4893-4901.	2.8	32
35	Anti-Tubercular Activity of Substituted 7-Methyl and 7-Formylindolizines and In Silico Study for Prospective Molecular Target Identification. <i>Antibiotics</i> , 2019, 8, 247.	3.7	32
36	Experimental design, formulation and in vivo evaluation of a novel topical in situ gel system to treat ocular infections. <i>PLoS ONE</i> , 2021, 16, e0248857.	2.5	31

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37	Cytotoxicity and Antimycobacterial Properties of Pyrrolo[1,2-a]quinoline Derivatives: Molecular Target Identification and Molecular Docking Studies. <i>Antibiotics</i> , 2020, 9, 233.	3.7	30
38	Computational, crystallographic studies, cytotoxicity and anti-tubercular activity of substituted 7-methoxy-indolizine analogues. <i>PLoS ONE</i> , 2019, 14, e0217270.	2.5	29
39	HPMC- and PLGA-Based Nanoparticles for the Mucoadhesive Delivery of Sitagliptin: Optimization and In Vivo Evaluation in Rats. <i>Materials</i> , 2019, 12, 4239.	2.9	29
40	A Device to Crystallize Organic Solids: Structure of Ciprofloxacin, Midazolam, and Ofloxacin as Targets. <i>Crystal Growth and Design</i> , 2010, 10, 1866-1870.	3.0	28
41	Effective Therapeutic Delivery and Bioavailability Enhancement of Pioglitazone Using Drug in Adhesive Transdermal Patch. <i>Pharmaceutics</i> , 2019, 11, 359.	4.5	28
42	Current advances in the clinical development of anti-tubercular agents. <i>Tuberculosis</i> , 2020, 125, 101989.	1.9	27
43	Effect of substitution on molecular conformation and packing features in a series of aryl substituted ethyl-6-methyl-4-phenyl-2-thioxo-1,2,3,4-tetrahydropyrimidine-5-carboxylates. <i>CrystEngComm</i> , 2010, 12, 1205.	2.6	26
44	Total synthesis of a depsidomycin analogue by convergent solid-phase peptide synthesis and macrolactonization strategy for antitubercular activity. <i>Journal of Peptide Science</i> , 2011, 17, 683-689.	1.4	26
45	The Possible Contribution of P-Glycoprotein in the Protective Effect of Paeonol against Methotrexate-Induced Testicular Injury in Rats. <i>Pharmaceutics</i> , 2020, 13, 223.	3.8	26
46	In silico Design and Synthesis of Tetrahydropyrimidinones and Tetrahydropyrimidinethiones as Potential Thymidylate Kinase Inhibitors Exerting Anti-TB Activity Against <i>Mycobacterium tuberculosis</i> . <i>Drug Design, Development and Therapy</i> , 2020, Volume 14, 1027-1039.	4.3	26
47	Benzothiazole analogs as potential anti-TB agents: computational input and molecular dynamics. <i>Journal of Biomolecular Structure and Dynamics</i> , 2019, 37, 1830-1842.	3.5	25
48	Anti-tubercular Potency and Computationally assessed Drug-likeness and Toxicology of Diversely Substituted Indolizines. <i>Indian Journal of Pharmaceutical Education and Research</i> , 2019, 53, 545-552.	0.6	25
49	Delayed presentation of prosthetic joint infection due to <i>Listeria monocytogenes</i> . <i>International Journal of Clinical Practice</i> , 2004, 58, 420-421.	1.7	24
50	Efficient Synthesis and Characterization of Novel Substituted 3-Benzoylindolizine Analogues via the Cyclization of Aromatic Cycloimmoniumylides with Electrondeficient Alkenes. <i>Current Organic Synthesis</i> , 2018, 15, 388-395.	1.3	24
51	Insights into conformational and packing features in a series of aryl substituted ethyl-6-methyl-4-phenyl-2-oxo-1,2,3,4-tetrahydropyrimidine-5-carboxylates. <i>CrystEngComm</i> , 2011, 13, 591-605.	2.6	23
52	Polymorphism in two biologically active dihydropyrimidinium hydrochloride derivatives: quantitative inputs towards the energetics associated with crystal packing. <i>Acta Crystallographica Section B: Structural Science, Crystal Engineering and Materials</i> , 2014, 70, 681-696.	1.1	23
53	Protective Effect of <i>Spirulina platensis</i> Extract against Dextran-Sulfate-Sodium-Induced Ulcerative Colitis in Rats. <i>Nutrients</i> , 2019, 11, 2309.	4.1	23
54	Anti-Tubercular Properties of 4-Amino-5-(4-Fluoro-3-Phenoxyphenyl)-4H-1,2,4-Triazole-3-Thiol and Its Schiff Bases: Computational Input and Molecular Dynamics. <i>Antibiotics</i> , 2020, 9, 559.	3.7	23

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55	Development and Validation of Rapid RP-HPLC and Green Second-Derivative UV Spectroscopic Methods for Simultaneous Quantification of Metformin and Remogliflozin in Formulation Using Experimental Design. <i>Separations</i> , 2020, 7, 59.	2.4	23
56	Anti-tubercular activity and molecular docking studies of indolizine derivatives targeting mycobacterial InhA enzyme. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , 2021, 36, 1471-1486.	5.2	23
57	Current Scenario and Future Prospect in the Management of COVID-19. <i>Current Medicinal Chemistry</i> , 2020, 28, 284-307.	2.4	23
58	Design, Synthesis, Evaluation of Antimicrobial Activity and Docking Studies of New Thiazole-based Chalcones. <i>Current Topics in Medicinal Chemistry</i> , 2019, 19, 356-375.	2.1	23
59	Simultaneous Determination of Metformin and Three Gliptins in Pharmaceutical Formulations Using RP HPLC: Application to Stability Studies on Linagliptin Tablet Formulation. <i>Indian Journal of Pharmaceutical Education and Research</i> , 2014, 48, 45-53.	0.6	23
60	Design and Synthesis of Novel Indolizine Analogues as COX-2 Inhibitors: Computational Perspective and in vitro Screening. <i>Indian Journal of Pharmaceutical Education and Research</i> , 2017, 51, 452-460.	0.6	23
61	Diacerein ameliorates letrozole-induced polycystic ovarian syndrome in rats. <i>Biomedicine and Pharmacotherapy</i> , 2022, 149, 112870.	5.6	23
62	Selective COX-2 Inhibitors: Road from Success to Controversy and the Quest for Repurposing. <i>Pharmaceuticals</i> , 2022, 15, 827.	3.8	23
63	Evaluation of Halogenated Coumarins for Antimosquito Properties. <i>Scientific World Journal</i> , The, 2014, 2014, 1-6.	2.1	22
64	Adenosine A2A Receptor as a Potential Drug Target - Current Status and Future Perspectives. <i>Current Pharmaceutical Design</i> , 2019, 25, 2716-2740.	1.9	22
65	Synthesis and characterization of pyrrolo[1,2-a]quinoline derivatives for their larvicidal activity against <i>Anopheles arabiensis</i> . <i>Structural Chemistry</i> , 2020, 31, 1533-1543.	2.0	22
66	Qualitative anti-tubercular activity of synthetic ethyl 7-acetyl-2-substituted-3-(4-substituted benzoyl) indolizine-1-carboxylate analogues. <i>Journal of Applied Pharmaceutical Science</i> , 2019, 9, 124-128.	1.0	22
67	Novel Series of Methyl 3-(Substituted Benzoyl)-7-Substituted-2-Phenylindolizine-1-Carboxylates as Promising Anti-Inflammatory Agents: Molecular Modeling Studies. <i>Biomolecules</i> , 2019, 9, 661.	4.0	21
68	Reinforced electrospun nanofiber composites for drug delivery applications. <i>Journal of Biomedical Materials Research - Part A</i> , 2021, 109, 2036-2064.	4.0	21
69	Antimicrobial and antioxidant activities of piperidine derivatives. <i>African Journal of Pharmacy and Pharmacology</i> , 2015, 9, 783-792.	0.3	20
70	Design, synthesis, and computational studies on dihydropyrimidine scaffolds as potential lipoygenase inhibitors and cancer chemopreventive agents. <i>Drug Design, Development and Therapy</i> , 2015, 9, 911.	4.3	20
71	Synthesis, Polymorphism, and Insecticidal Activity of Methyl 4-(4-chlorophenyl)-8-(2-methyl-6-oxo-1,6-dihydro-4H-pyrimido[2,1-b]quinazolin-3-yl)carboxylate Against <i>Anopheles arabiensis</i> Mosquito. <i>Chemical Biology and Drug Design</i> , 2016, 88, 88-96.	3.6	20
72	Antimycobacterial, docking and molecular dynamic studies of pentacyclic triterpenes from <i>Buddleja saligna</i> leaves. <i>Journal of Biomolecular Structure and Dynamics</i> , 2017, 35, 2654-2664.	3.5	20

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73	Formulation and Evaluation of Self-Nanoemulsifying Drug Delivery System Derived Tablet Containing Sertraline. <i>Pharmaceutics</i> , 2022, 14, 336.	4.5	20
74	<i>In vitro</i> anti-TB properties, <i>in silico</i> target validation, molecular docking and dynamics studies of substituted 1,2,4-oxadiazole analogues against <i>Mycobacterium tuberculosis</i> . <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , 2021, 36, 869-884.	5.2	19
75	Antimosquito Properties of 2-Substituted Phenyl/benzylamino-6-(4- Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 667 Td (chlorophe arabiensis. <i>Medicinal Chemistry</i> , 2014, 10, 211-219.	1.5	19
76	Recent insight into the biological activities and SAR of quinolone derivatives as multifunctional scaffold. <i>Bioorganic and Medicinal Chemistry</i> , 2022, 59, 116674.	3.0	19
77	Novel Therapies for the Treatment of Neuropathic Pain: Potential and Pitfalls. <i>Journal of Clinical Medicine</i> , 2022, 11, 3002.	2.4	19
78	Microwave induced synthesis, and pharmacological properties of novel 1-benzoyl-4-bromopyrrolo[1,2-a]quinoline-3-carboxylate analogues. <i>Chemical Data Collections</i> , 2020, 25, 100316.	2.3	18
79	Investigation of Antifungal Properties of Synthetic Dimethyl-4-Bromo-1-(Substituted Benzoyl) Pyrrolo[1,2-a] Quinoline-2,3-Dicarboxylates Analogues: Molecular Docking Studies and Conceptual DFT-Based Chemical Reactivity Descriptors and Pharmacokinetics Evaluation. <i>Molecules</i> , 2021, 26, 2722.	3.8	18
80	Nanotechnology Integration for SARS-CoV-2 Diagnosis and Treatment: An Approach to Preventing Pandemic. <i>Nanomaterials</i> , 2021, 11, 1841.	4.1	18
81	Development and Validation of Green UV Derivative Spectrophotometric Methods for Simultaneous Determination Metformin and Remogliflozin from Formulation: Evaluation of Greenness. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 448.	2.6	18
82	Antimicrobial and antioxidant activities of substituted halogenated coumarins. <i>Journal of Medicinal Plants Research</i> , 2014, 8, 274-281.	0.4	17
83	Design, synthesis and characterization of novel 2-(2, 3-dichlorophenyl)-5-aryl-1,3,4-oxadiazole derivatives for their anti-tubercular activity against <i>Mycobacterium tuberculosis</i> . <i>Chemical Data Collections</i> , 2020, 28, 100431.	2.3	17
84	5-Benzyliden-2-(5-methylthiazol-2-ylimino)thiazolidin-4-ones as Antimicrobial Agents. Design, Synthesis, Biological Evaluation and Molecular Docking Studies. <i>Antibiotics</i> , 2021, 10, 309.	3.7	17
85	Intranasal Delivery of Darunavir-Loaded Mucoadhesive In Situ Gel: Experimental Design, In Vitro Evaluation, and Pharmacokinetic Studies. <i>Gels</i> , 2022, 8, 342.	4.5	17
86	Larvicidal Activities of 2-Aryl-2,3-Dihydroquinazolin -4-ones against Malaria Vector <i>Anopheles arabiensis</i> , In Silico ADMET Prediction and Molecular Target Investigation. <i>Molecules</i> , 2020, 25, 1316.	3.8	16
87	New Substituted 5-Benzylideno-2-Adamantylthiazol[3,2-b][1,2,4]Triazol-6(5H)ones as Possible Anti-Inflammatory Agents. <i>Molecules</i> , 2021, 26, 659.	3.8	16
88	Development of UV spectrophotometry methods for concurrent quantification of amlodipine and celecoxib by manipulation of ratio spectra in pure and pharmaceutical formulation. <i>PLoS ONE</i> , 2019, 14, e0222526.	2.5	15
89	<p>An Efficient, Lung-Targeted, Drug-Delivery System To Treat Asthma Via Microparticles</p>. <i>Drug Design, Development and Therapy</i> , 2019, Volume 13, 4389-4403.	4.3	15
90	Progress Report: Antimicrobial Drug Discovery in the Resistance Era. <i>Pharmaceutics</i> , 2022, 15, 413.	3.8	15

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91	Membrane effects of dihydropyrimidine analogues with larvicidal activity. <i>Colloids and Surfaces B: Biointerfaces</i> , 2017, 150, 106-113.	5.0	14
92	Mucoadhesive Particles: A Novel, Prolonged-Release Nanocarrier of Sitagliptin for the Treatment of Diabetics. <i>BioMed Research International</i> , 2019, 2019, 1-9.	1.9	14
93	Tuberculosis: An Update on Pathophysiology, Molecular Mechanisms of Drug Resistance, Newer Anti-TB Drugs, Treatment Regimens and Host- Directed Therapies. <i>Current Topics in Medicinal Chemistry</i> , 2021, 21, 547-570.	2.1	14
94	Synthesis and characterization of a novel series of 1,4-dihydropyridine analogues for larvicidal activity against <i>Anopheles arabiensis</i> . <i>Chemical Biology and Drug Design</i> , 2017, 90, 397-405.	3.2	13
95	Development of validated RP HPLC method with fluorescence detection for simultaneous quantification of sacubitril and valsartan from rat plasma. <i>Journal of Liquid Chromatography and Related Technologies</i> , 2018, 41, 246-252.	1.0	13
96	Larvicidal study of tetrahydropyrimidine scaffolds against <i>Anopheles arabiensis</i> and structural insight by single crystal X-ray studies. <i>Chemical Biology and Drug Design</i> , 2018, 92, 1924-1932.	3.2	13
97	Crystallography, in Silico Studies, and In Vitro Antifungal Studies of 2,4,5 Trisubstituted 1,2,3-Triazole Analogues. <i>Antibiotics</i> , 2020, 9, 350.	3.7	13
98	Constant Voltage Iontophoresis Technique to Deliver Terbinafine via Transungual Delivery System: Formulation Optimization Using Box-Behnken Design and In Vitro Evaluation. <i>Pharmaceutics</i> , 2021, 13, 1692.	4.5	13
99	Design, synthesis, and structural elucidation of novel NmeNANAS inhibitors for the treatment of meningococcal infection. <i>PLoS ONE</i> , 2019, 14, e0223413.	2.5	12
100	Development of UV Spectrophotometric Procedures for Determination of Amlodipine and Celecoxib in Formulation: Use of Scaling Factor to Improve the Sensitivity. <i>Journal of Spectroscopy</i> , 2019, 2019, 1-10.	1.3	12
101	Adenosine receptor signalling: Probing the potential pathways for the ministration of neuropathic pain. <i>European Journal of Pharmacology</i> , 2020, 889, 173619.	3.5	12
102	The emerging SARS-CoV-2 papain-like protease: Its relationship with recent coronavirus epidemics. <i>Journal of Medical Virology</i> , 2021, 93, 1581-1588.	5.0	12
103	Immobilization studies of <i>Candida Antarctica</i> lipase B on gallic acid resin-grafted magnetic iron oxide nanoparticles. <i>International Journal of Nanomedicine</i> , 2019, Volume 14, 3235-3244.	6.7	11
104	Exploration of the Antimicrobial Effects of Benzothiazolythiazolidin-4-One and In Silico Mechanistic Investigation. <i>Molecules</i> , 2021, 26, 4061.	3.8	11
105	Synthetic Mono/di-halogenated Coumarin Derivatives and Their Anticancer Properties. <i>Anti-Cancer Agents in Medicinal Chemistry</i> , 2017, 17, 276-285.	1.7	11
106	Spray Dried Amorphous Form of Simvastatin: Preparation and Evaluation of the Buccal Tablet. <i>Indian Journal of Pharmaceutical Education and Research</i> , 2019, 54, 46-54.	0.6	11
107	In silico and in vitro identification of secoisolariciresinol as a re-sensitizer of P-glycoprotein-dependent doxorubicin-resistance NCI/ADR-RES cancer cells. <i>PeerJ</i> , 2020, 8, e9163.	2.0	11
108	Novel Drying Technology of Microsphere and Its Evaluation for Targeted Drug Delivery for Lungs. <i>Drying Technology</i> , 2015, 33, 502-512.	3.1	10

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109	Computational and Biological Comparisons of Plant Steroids as Modulators of Inflammation through Interacting with Glucocorticoid Receptor. <i>Mediators of Inflammation</i> , 2019, 2019, 1-9.	3.0	10
110	An Approach to Enhance Dissolution Rate of Tamoxifen Citrate. <i>BioMed Research International</i> , 2019, 2019, 1-11.	1.9	10
111	Crystallography, Molecular Modeling, and COX-2 Inhibition Studies on Indolizine Derivatives. <i>Molecules</i> , 2021, 26, 3550.	3.8	10
112	Interplay of Halogen and Hydrogen Bonding through Co-crystallization in Pharmacologically Active Dihydropyrimidines: Insights from Crystal Structure and Energy Framework. <i>ChemPlusChem</i> , 2021, 86, 1167-1176.	2.8	10
113	Determination on Vildagliptin in Rat Plasma by Capillary Electrophoresis Tandem Mass Spectrometry: Its Application to Pharmacokinetic Study. <i>Indian Journal of Pharmaceutical Education and Research</i> , 2017, 51, 636-643.	0.6	10
114	Development of Ecofriendly Derivative Spectrophotometric Methods for the Simultaneous Quantitative Analysis of Remogliflozin and Vildagliptin from Formulation. <i>Molecules</i> , 2021, 26, 6160.	3.8	10
115	Application of Advanced Technologies in Natural Product Research: A Review with Special Emphasis on ADMET Profiling. <i>Current Drug Metabolism</i> , 2020, 21, 751-767.	1.2	10
116	Experimental Design Approach for Quantitative Expressions of Simultaneous Quantification of Two Binary Formulations Containing Remogliflozin and Gliptins by RP-HPLC. <i>Separations</i> , 2022, 9, 23.	2.4	10
117	Multifunctional Mesoporous Silica Nanoparticles for Oral Drug Delivery. <i>Coatings</i> , 2022, 12, 358.	2.6	10
118	The Chemical Composition of Leaf Essential Oils of <i>Psidium guajava</i> L. (White and Pink fruit) <i>Tj ETQq0 0 0 rgBT/Overlock 10 Tf 50</i>	1.9	9
119	2D- and 3D-QSAR Modeling of Imidazole-Based Glutamyl Cyclase Inhibitors. <i>Current Computer-Aided Drug Design</i> , 2021, 16, 682-697.	1.2	9
120	Antidiabetic Activity of Dihydropyrimidine Scaffolds and Structural Insight by Single Crystal X-ray Studies. <i>Medicinal Chemistry</i> , 2020, 16, 996-1003.	1.5	9
121	Eco-friendly Derivative UV Spectrophotometric Methods for Simultaneous Determination of Diclofenac Sodium and Moxifloxacin in Laboratory Mixed Ophthalmic Preparation. <i>Indian Journal of Pharmaceutical Education and Research</i> , 2019, 54, 166-174.	0.6	9
122	Crystal structure analysis of [5-(4-methoxyphenyl)-2-methyl-2H-1,2,3-triazol-4-yl](thiophen-2-yl)methanone. <i>Acta Crystallographica Section E: Crystallographic Communications</i> , 2018, 74, 1178-1181.	0.5	8
123	Chemistry, anti-diabetic activity and structural analysis of substituted dihydropyrimidine analogues. <i>Journal of Molecular Structure</i> , 2021, 1227, 129412.	3.6	8
124	4-Aryl-1,4-Dihydropyridines as Potential Enoyl-Acyl Carrier Protein Reductase Inhibitors: Antitubercular Activity and Molecular Docking Study. <i>Current Topics in Medicinal Chemistry</i> , 2021, 21, 295-306.	2.1	8
125	The Potential Application of Novel Drug Delivery Systems for Phytopharmaceuticals and Natural Extracts – Current Status and Future Perspectives. <i>Mini-Reviews in Medicinal Chemistry</i> , 2021, 21, 2731-2746.	2.4	8
126	Discovery of benzothiazole-based thiazolidinones as potential anti-inflammatory agents: anti-inflammatory activity, soybean lipoxygenase inhibition effect and molecular docking studies. <i>SAR and QSAR in Environmental Research</i> , 2022, 33, 485-497.	2.2	8

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127	Synthesis and anthelmintic activity of some novel (E)-2-methylpropyl-4-(2-(substitutedbenzylidene)hydrazinyl)-5,6,7,8-tetrahydrobenzo[4,5]thieno[2,3-d]pyrimidines. <i>Medicinal Chemistry Research</i> , 2020, 29, 1600-1610.	2.4	7
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130	Environmental sustainable mathematically processed UV spectroscopic methods for quality control analysis of remogliflozin and teneligliptin: Evaluation of greenness and whiteness. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2022, 278, 121303.	3.9	7
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137	Design, Microwave Assisted Synthesis and Characterization of Substituted 1,2,4-Oxadiazole Analogues as Promising Pharmacological Agents. <i>Asian Journal of Chemistry</i> , 2017, 29, 1767-1770.	0.3	5
138	Synthesis and evaluation of 2,4,5-trisubstitutedthiazoles as carbonic anhydrase-III inhibitors. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , 2020, 35, 1483-1490.	5.2	5
139	Doxorubicin Hydrochloride Loaded Polyanhydride Nanoformulations and Cytotoxicity. <i>Indian Journal of Pharmaceutical Education and Research</i> , 2021, 55, 117-125.	0.6	5
140	Structural investigation of methyl 3-(4-fluorobenzoyl)-7-methyl-2-phenylindolizine-1-carboxylate, an inhibitory drug towards <i>Mycobacterium tuberculosis</i> . <i>Acta Crystallographica Section E: Crystallographic Communications</i> , 2020, 76, 567-571.	0.5	5
141	Formulation and Evaluation of Tamoxifen Citrate Loaded Transdermal Reservoir Gel Drug Delivery Systems. <i>Indian Journal of Pharmaceutical Education and Research</i> , 2019, 53, s596-s606.	0.6	5
142	Design, Synthesis and Characterization of Benzothiazole Analogues as Promising Pharmacological Agents. <i>Journal of Young Pharmacists</i> , 2017, 9, 158-161.	0.2	5
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146	<i>N</i> -(2-Amino-3,5-dibromobenzyl)- <i>N</i> -methylcyclohexan-1-aminium <i>p</i> -toluenesulfonate. Acta Crystallographica Section E: Structure Reports Online, 2011, 67, o2032-o2032.	0.2	4
147	(2-(Benzo[d]thiazol-2-yl-methoxy)-5-chlorophenyl)(phenyl)methanone. Acta Crystallographica Section E: Structure Reports Online, 2012, 68, o3125-o3125.	0.2	4
148	[2-(1,3-Benzothiazol-2-ylmethoxy)-5-bromophenyl](4-chlorophenyl)methanone. Acta Crystallographica Section E: Structure Reports Online, 2013, 69, o70-o70.	0.2	4
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155	(5 <i>S</i>)-1,4-Bis{[(1 <i>E</i>)-4-methylbenzylidene]amino}-5-(thien-2-yl)pyrrolidin-2-one. Acta Crystallographica Section E: Structure Reports Online, 2007, 63, o2840-o2840.	0.2	3
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158	Papain-cetylpyridinium chloride and pepsin-cetylpyridinium chloride; two novel, highly sensitive, concentration, digestion and decontamination techniques for culturing mycobacteria from clinically suspected pulmonary tuberculosis cases. PLoS ONE, 2020, 15, e0236700.	2.5	3
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164	Methyl 4-(4-chlorophenyl)-8-iodo-2-methyl-6-oxo-1,6-dihydro-4 <i>H</i> -pyrimido[2,1- <i>b</i>]quinazoline-3-carboxylate. Acta Crystallographica Section E: Structure Reports Online, 2013, 69, o123-o124.	0.2	3
165	Structural analysis of 2-iodobenzamide and 2-iodo- <i>N</i> -phenylbenzamide. Acta Crystallographica Section E: Crystallographic Communications, 2018, 74, 1130-1133.	0.5	3
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168	3-(2-Amino-1,3-thiazol-4-yl)-6-bromo-2 <i>H</i> -chromen-2-one. Acta Crystallographica Section E: Structure Reports Online, 2009, 65, o3047-o3048.	0.2	2
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170	2-[(1 <i>R</i> ,3 <i>S</i>)-6,7-Dimethoxy-1-phenyl-1,2,3,4-tetrahydroisoquinolin-3-yl]-4-phenyl-1,3-thiazole. Acta Crystallographica Section E: Structure Reports Online, 2011, 67, o2722-o2722.	0.2	2
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179	Collinsonia canadensis L. , 2021, , 373-377.		2
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187	{2-[(1,3-Benzothiazol-2-yl)methoxy]-5-bromophenyl}(phenyl)methanone. Acta Crystallographica Section E: Structure Reports Online, 2013, 69, o984-o984.	0.2	1
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194	2-(4-Bromoanilino)-6-(4-chlorophenyl)-5-methoxycarbonyl-4-methyl-3,6-dihydropyrimidin-1-ium chloride. Acta Crystallographica Section E: Structure Reports Online, 2013, 69, o518-o519.	0.2	0
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