

Katharigatta N Venugopala

List of Publications by Year in descending order

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199
papers

4,519
citations

182225

30
h-index

175968

55
g-index

207
all docs

207
docs citations

207
times ranked

5471
citing authors

#	ARTICLE	IF	CITATIONS
1	Smart UV Derivative Spectrophotometric Methods for Simultaneous Determination of Metformin and Remogliflozin: Development, Validation and Application to the Formulation. <i>Indian Journal of Pharmaceutical Education and Research</i> , 2023, 55, s293-s302.	0.3	6
2	Formulation and Evaluation of Self-Nanoemulsifying Drug Delivery System Derived Tablet Containing Sertraline. <i>Pharmaceutics</i> , 2022, 14, 336.	2.0	20
3	Antimycobacterial activity of aqueous and methanol extracts of nine plants against Mycobacterium bacteria. <i>Tropical Journal of Pharmaceutical Research</i> , 2022, 20, 849-858.	0.2	1
4	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.	1.1	10
5	Omicron variant genome evolution and phylogenetics. <i>Journal of Medical Virology</i> , 2022, 94, 1627-1632.	2.5	159
6	Rapid Simultaneous Quantitative Analysis of Hypoglycemic agents by RP HPLC: Development, Validation and Application to Medicine. <i>Indian Journal of Pharmaceutical Education and Research</i> , 2022, 56, 564-572.	0.3	4
7	Multifunctional Mesoporous Silica Nanoparticles for Oral Drug Delivery. <i>Coatings</i> , 2022, 12, 358.	1.2	10
8	Progress Report: Antimicrobial Drug Discovery in the Resistance Era. <i>Pharmaceutics</i> , 2022, 15, 413.	1.7	15
9	Recent insight into the biological activities and SAR of quinolone derivatives as multifunctional scaffold. <i>Bioorganic and Medicinal Chemistry</i> , 2022, 59, 116674.	1.4	19
10	Diacerein ameliorates letrozole-induced polycystic ovarian syndrome in rats. <i>Biomedicine and Pharmacotherapy</i> , 2022, 149, 112870.	2.5	23
11	Multivariate Optimization of Chromatographic Conditions for Rapid Simultaneous Quantification of Antidiarrheal Drugs in Formulation Using Surface Response Methodology. <i>Separations</i> , 2022, 9, 103.	1.1	1
12	1,2,3-Triazolyl-tetrahydropyrimidine Conjugates as Potential Sterol Carrier Protein-2 Inhibitors: Larvicidal Activity against the Malaria Vector <i>Anopheles arabiensis</i> and In Silico Molecular Docking Study. <i>Molecules</i> , 2022, 27, 2676.	1.7	5
13	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.	2.0	7
14	An Experimental Design Approach to Quantitative Expression for Quality Control of a Multicomponent Antidiabetic Formulation by the HILIC Method. <i>Molecules</i> , 2022, 27, 3135.	1.7	6
15	Intranasal Delivery of Darunavir-Loaded Mucoadhesive In Situ Gel: Experimental Design, In Vitro Evaluation, and Pharmacokinetic Studies. <i>Gels</i> , 2022, 8, 342.	2.1	17
16	Novel Therapies for the Treatment of Neuropathic Pain: Potential and Pitfalls. <i>Journal of Clinical Medicine</i> , 2022, 11, 3002.	1.0	19
17	Discovery of benzothiazole-based thiazolidinones as potential anti-inflammatory agents: anti-inflammatory activity, soybean lipoxygenase inhibition effect and molecular docking studies. SAR and QSAR in Environmental Research, 2022, 33, 485-497.	1.0	8
18	Thiazole: A Versatile Standalone Moiety Contributing to the Development of Various Drugs and Biologically Active Agents. <i>Molecules</i> , 2022, 27, 3994.	1.7	43

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19	1,5-Benzothiazepine Derivatives: Green Synthesis, In Silico and In Vitro Evaluation as Anticancer Agents. <i>Molecules</i> , 2022, 27, 3757.	1.7	6
20	Sensitivity Enhanced Ecofriendly UV Spectrophotometric Methods for Quality Control of Telmisartan and Benidipine Formulations: Comparison of Whiteness and Greenness with HPLC Methods. <i>International Journal of Environmental Research and Public Health</i> , 2022, 19, 7260.	1.2	1
21	Antitubercular, Cytotoxicity, and Computational Target Validation of Dihydroquinazolinone Derivatives. <i>Antibiotics</i> , 2022, 11, 831.	1.5	5
22	Selective COX-2 Inhibitors: Road from Success to Controversy and the Quest for Repurposing. <i>Pharmaceuticals</i> , 2022, 15, 827.	1.7	23
23	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.	2.0	64
24	Synthesis, characterization and larvicidal activity of novel benzylidene derivatives of fenobam and its thio analogues with crystal insight. <i>Journal of Molecular Structure</i> , 2021, 1226, 129386.	1.8	2
25	Chemistry, anti-diabetic activity and structural analysis of substituted dihydropyrimidine analogues. <i>Journal of Molecular Structure</i> , 2021, 1227, 129412.	1.8	8
26	The emerging SARS-CoV-2 papain-like protease: Its relationship with recent coronavirus epidemics. <i>Journal of Medical Virology</i> , 2021, 93, 1581-1588.	2.5	12
27	2D- and 3D-QSAR Modeling of Imidazole-Based Glutaminyl Cyclase Inhibitors. <i>Current Computer-Aided Drug Design</i> , 2021, 16, 682-697.	0.8	9
28	<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.	2.5	19
29	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.	1.6	37
30	Doxorubicin Hydrochloride Loaded Polyanhydride Nanoformulations and Cytotoxicity. <i>Indian Journal of Pharmaceutical Education and Research</i> , 2021, 55, 117-125.	0.3	5
31	Experimental design, formulation and <i>in vivo</i> evaluation of a novel topical <i>in situ</i> gel system to treat ocular infections. <i>PLoS ONE</i> , 2021, 16, e0248857.	1.1	31
32	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.	1.5	17
33	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.	1.0	8
34	Perspectives on RNA Vaccine Candidates for COVID-19. <i>Frontiers in Molecular Biosciences</i> , 2021, 8, 635245.	1.6	44
35	Reinforced electrospun nanofiber composites for drug delivery applications. <i>Journal of Biomedical Materials Research - Part A</i> , 2021, 109, 2036-2064.	2.1	21
36	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.	1.0	14

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37	Clarithromycin Solid Lipid Nanoparticles for Topical Ocular Therapy: Optimization, Evaluation and In Vivo Studies. <i>Pharmaceutics</i> , 2021, 13, 523.	2.0	50
38	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.	1.7	18
39	A Rapid HPLC Method for the Concurrent Determination of Several Antihypertensive Drugs from Binary and Ternary Formulations. <i>Separations</i> , 2021, 8, 86.	1.1	7
40	Crystallography, Molecular Modeling, and COX-2 Inhibition Studies on Indolizine Derivatives. <i>Molecules</i> , 2021, 26, 3550.	1.7	10
41	Synthesis, structural elucidation and larvicidal activity of novel arylhydrazones. <i>Journal of Molecular Structure</i> , 2021, 1236, 130305.	1.8	3
42	Exploration of the Antimicrobial Effects of Benzothiazolythiazolidin-4-One and In Silico Mechanistic Investigation. <i>Molecules</i> , 2021, 26, 4061.	1.7	11
43	Nanotechnology Integration for SARS-CoV-2 Diagnosis and Treatment: An Approach to Preventing Pandemic. <i>Nanomaterials</i> , 2021, 11, 1841.	1.9	18
44	Interplay of Halogen and Hydrogen Bonding through Coâ€“Crystallization in Pharmacologically Active Dihydropyrimidines: Insights from Crystal Structure and Energy Framework. <i>ChemPlusChem</i> , 2021, 86, 1167-1176.	1.3	10
45	Design, Synthesis, and In Vitro Evaluation of Novel Indolyl DiHydropyrazole Derivatives as Potential Anticancer Agents. <i>Molecules</i> , 2021, 26, 5235.	1.7	3
46	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.	0.7	37
47	Pharmacokinetic, Clinical, and Myeloid Marker Responses to Acepromazine Sedation in Arabian Camels. <i>Frontiers in Veterinary Science</i> , 2021, 8, 725841.	0.9	1
48	Potential of Medicinal Plants as Neuroprotective and Therapeutic Properties Against Amyloid- β -Related Toxicity, and Glutamate-Induced Excitotoxicity in Human Neural Cells. <i>Current Neuropharmacology</i> , 2021, 19, 1416-1441.	1.4	2
49	Anticancer Activity and In Silico ADMET Properties of 2,4,5-Trisubstitutedthiazole Derivatives. <i>Current Drug Metabolism</i> , 2021, 22, 532-536.	0.7	3
50	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.	1.7	16
51	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.	1.2	18
52	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.	2.5	23
53	<i>Collinsonia canadensis</i> L. , 2021, , 373-377.		2
54	Development of Ecofriendly Derivative Spectrophotometric Methods for the Simultaneous Quantitative Analysis of Remogliflozin and Vildagliptin from Formulation. <i>Molecules</i> , 2021, 26, 6160.	1.7	10

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55	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.	2.0	13
56	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.	1.1	8
57	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.	2.3	33
58	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.	1.1	18
59	Development of Metronidazole Loaded Chitosan Nanoparticles Using QbD Approach – A Novel and Potential Antibacterial Formulation. <i>Pharmaceutics</i> , 2020, 12, 920.	2.0	46
60	Adenosine receptor signalling: Probing the potential pathways for the ministration of neuropathic pain. <i>European Journal of Pharmacology</i> , 2020, 889, 173619.	1.7	12
61	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.	2.5	5
62	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. <i>PLoS ONE</i> , 2020, 15, e0236700.	1.1	3
63	Development and Optimization of Naringenin-Loaded Chitosan-Coated Nanoemulsion for Topical Therapy in Wound Healing. <i>Pharmaceutics</i> , 2020, 12, 893.	2.0	66
64	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.	1.5	23
65	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.	1.7	26
66	Monitoring of Non-β-Lactam Antibiotic Resistance-Associated Genes in ESBL Producing Enterobacterales Isolates. <i>Antibiotics</i> , 2020, 9, 884.	1.5	6
67	Synthesis and characterization of indolizine and 5,6-benzo-fused indolizine derivatives with their pharmacological applications. <i>Chemical Data Collections</i> , 2020, 29, 100524.	1.1	2
68	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.	1.1	23
69	Synthesis, crystal structure and Hirshfeld surface analysis of the hydrated form of Na ⁺ ,		

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73	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.	1.7	16
74	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.	2.0	26
75	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.	1.5	13
76	Synthesis and anthelmintic activity of some novel (E)-2-methyl/propyl-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.	1.1	7
77	Synthesis, crystal structure and Hirshfeld surface analysis of 2-(4-fluorophenyl)-2,3-dihydroquinazolin-4(1H)-one. <i>Chemical Data Collections</i> , 2020, 26, 100355.	1.1	2
78	Screening and Molecular Docking of Novel Benzothiazole Derivatives as Potential Antimicrobial Agents. <i>Antibiotics</i> , 2020, 9, 221.	1.5	50
79	Pharmacology of Acetylcholine and Cholinergic Receptors. , 2020, , 69-105.		2
80	Current advances in the clinical development of anti-tubercular agents. <i>Tuberculosis</i> , 2020, 125, 101989.	0.8	27
81	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.	0.2	5
82	Current Scenario and Future Prospect in the Management of COVID-19. <i>Current Medicinal Chemistry</i> , 2020, 28, 284-307.	1.2	23
83	Antidiabetic Activity of Dihydropyrimidine Scaffolds and Structural Insight by Single Crystal X-ray Studies. <i>Medicinal Chemistry</i> , 2020, 16, 996-1003.	0.7	9
84	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.	0.9	11
85	Pharmacology of Adenosine Receptors. , 2020, , 325-359.		0
86	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.	0.7	10
87	Posological review of dose extrapolation methodologies in animal studies, early-phase clinical trials and special populations. <i>International Journal of Research in Pharmaceutical Sciences</i> , 2020, 11, 6079-6084.	0.0	1
88	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.	1.8	34
89	Effective Therapeutic Delivery and Bioavailability Enhancement of Pioglitazone Using Drug in Adhesive Transdermal Patch. <i>Pharmaceutics</i> , 2019, 11, 359.	2.0	28
90	Paclitaxel loaded poly (DL lactic acid co castor oil) 60:40 with poloxamer F68 rod shape cylindrical nanoparticle preparation and in vitro cytotoxicity studies. <i>Polymers for Advanced Technologies</i> , 2019, 30, 2613-2622.	1.6	2

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91	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.	1.4	10
92	Design, synthesis, and structural elucidation of novel NmeNANAS inhibitors for the treatment of meningococcal infection. <i>PLoS ONE</i> , 2019, 14, e0223413.	1.1	12
93	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.	1.8	21
94	Adenosine A2A Receptor as a Potential Drug Target - Current Status and Future Perspectives. <i>Current Pharmaceutical Design</i> , 2019, 25, 2716-2740.	0.9	22
95	<p>Graphene-based hybrid nanoparticle of doxorubicin for cancer chemotherapy</p>. <i>International Journal of Nanomedicine</i> , 2019, Volume 14, 7419-7429.	3.3	42
96	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.	1.1	15
97	Protective Effect of <i>Spirulina platensis</i> Extract against Dextran-Sulfate-Sodium-Induced Ulcerative Colitis in Rats. <i>Nutrients</i> , 2019, 11, 2309.	1.7	23
98	<p>Immobilization studies of <i>Candida Antarctica</i> lipase B on gallic acid resin-grafted magnetic iron oxide nanoparticles</p>. <i>International Journal of Nanomedicine</i> , 2019, Volume 14, 3235-3244.	3.3	11
99	Computational, crystallographic studies, cytotoxicity and anti-tubercular activity of substituted 7-methoxy-indolizine analogues. <i>PLoS ONE</i> , 2019, 14, e0217270.	1.1	29
100	An Approach to Enhance Dissolution Rate of Tamoxifen Citrate. <i>BioMed Research International</i> , 2019, 2019, 1-11.	0.9	10
101	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.	5.4	178
102	Mucoadhesive Particles: A Novel, Prolonged-Release Nanocarrier of Sitagliptin for the Treatment of Diabetics. <i>BioMed Research International</i> , 2019, 2019, 1-9.	0.9	14
103	Preparation and Evaluation of Atorvastatin-Loaded Nanoemulgel on Wound-Healing Efficacy. <i>Pharmaceutics</i> , 2019, 11, 609.	2.0	67
104	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.	0.6	12
105	<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.	2.0	15
106	HPMC- and PLGA-Based Nanoparticles for the Mucoadhesive Delivery of Sitagliptin: Optimization and In Vivo Evaluation in Rats. <i>Materials</i> , 2019, 12, 4239.	1.3	29
107	Development of Asialoglycoprotein Receptor-Targeted Nanoparticles for Selective Delivery of Gemcitabine to Hepatocellular Carcinoma. <i>Molecules</i> , 2019, 24, 4566.	1.7	42
108	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.	1.5	32

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109	Benzothiazole analogs as potential anti-TB agents: computational input and molecular dynamics. <i>Journal of Biomolecular Structure and Dynamics</i> , 2019, 37, 1830-1842.	2.0	25
110	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.	1.0	23
111	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.	0.7	41
112	Novel Preparation and Effective Delivery of Mucoadhesive Nanoparticles Containing Anti-diabetic Drug. <i>Indian Journal of Pharmaceutical Education and Research</i> , 2019, 53, s43-s49.	0.3	7
113	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.	0.3	25
114	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.	0.3	5
115	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.	0.3	9
116	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.	0.3	11
117	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.	0.7	22
118	Synthesis and characterization of novel 1,6-dihydropyrimidine derivatives for their pharmacological properties. <i>Journal of Applied Pharmaceutical Science</i> , 2019, 9, 117-124.	0.7	4
119	Crystal structure of a 1:1 cocrystal of nicotinamide with 2-chloro-5-nitrobenzoic acid. <i>Acta Crystallographica Section E: Crystallographic Communications</i> , 2019, 75, 1712-1718.	0.2	3
120	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.	0.5	13
121	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.	1.4	32
122	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.	2.0	43
123	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.	1.8	36
124	Synthesis and Structural Elucidation of Novel 2,4-Disubstituted 1,3-Oxazole Analogues for Pharmacological Properties. <i>Asian Journal of Chemistry</i> , 2018, 30, 684-688.	0.1	4
125	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.	1.5	13
126	Crystal structure analysis of [5-(4-methoxyphenyl)-2-methyl-1,2,3-triazol-4-yl](thiophen-2-yl)methanone. <i>Acta Crystallographica Section E: Crystallographic Communications</i> , 2018, 74, 1178-1181.	0.2	8

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127	New Benzothiazole-based Thiazolidinones as Potent Antimicrobial Agents. Design, synthesis and Biological Evaluation. <i>Current Topics in Medicinal Chemistry</i> , 2018, 18, 75-87.	1.0	51
128	Structural analysis of 2-iodobenzamide and 2-iodo-N-phenylbenzamide. <i>Acta Crystallographica Section E: Crystallographic Communications</i> , 2018, 74, 1130-1133.	0.2	3
129	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.	0.7	24
130	Development of Rapid and Validated RP-HPLC Method for Concurrent Quantification of Rosuvastatin and Aspirin form Solid Dosage Form. <i>Indian Journal of Pharmaceutical Education and Research</i> , 2018, 52, 151-158.	0.3	4
131	Crystal structure of 1-[3,5-bis(trifluoromethyl)phenyl]-2-bromoethan-1-one. <i>Acta Crystallographica Section E: Crystallographic Communications</i> , 2018, 74, 868-870.	0.2	0
132	Crystal structure and Hirshfeld surface analysis of diethyl 2-[4-(4-fluorophenyl)-2-methyl-4-oxobutan-2-yl]malonate. <i>Acta Crystallographica Section E: Crystallographic Communications</i> , 2018, 74, 1388-1391.	0.2	0
133	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.	1.5	13
134	Membrane effects of dihydropyrimidine analogues with larvicidal activity. <i>Colloids and Surfaces B: Biointerfaces</i> , 2017, 150, 106-113.	2.5	14
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