

Pottathil Shinu

List of Publications by Year in descending order

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Version: 2024-02-01

57
papers

879
citations

567281

15
h-index

526287

27
g-index

58
all docs

58
docs citations

58
times ranked

764
citing authors

#	ARTICLE	IF	CITATIONS
1	Emerging Role of Hydrogels in Drug Delivery Systems, Tissue Engineering and Wound Management. <i>Pharmaceutics</i> , 2021, 13, 357.	4.5	139
2	Clarithromycin Solid Lipid Nanoparticles for Topical Ocular Therapy: Optimization, Evaluation and In Vivo Studies. <i>Pharmaceutics</i> , 2021, 13, 523.	4.5	50
3	Perspectives on RNA Vaccine Candidates for COVID-19. <i>Frontiers in Molecular Biosciences</i> , 2021, 8, 635245.	3.5	44
4	Lipid Nanoparticles as a Promising Drug Delivery Carrier for Topical Ocular Therapy—An Overview on Recent Advances. <i>Pharmaceutics</i> , 2022, 14, 533.	4.5	44
5	Development of Asialoglycoprotein Receptor-Targeted Nanoparticles for Selective Delivery of Gemcitabine to Hepatocellular Carcinoma. <i>Molecules</i> , 2019, 24, 4566.	3.8	42
6	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
7	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
8	Computational, crystallographic studies, cytotoxicity and anti-tubercular activity of substituted 7-methoxy-indolizine analogues. <i>PLoS ONE</i> , 2019, 14, e0217270.	2.5	29
9	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
10	Effective Therapeutic Delivery and Bioavailability Enhancement of Pioglitazone Using Drug in Adhesive Transdermal Patch. <i>Pharmaceutics</i> , 2019, 11, 359.	4.5	28
11	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
12	Mechanisms of Antidiabetic Activity of Methanolic Extract of <i>Punica granatum</i> Leaves in Nicotinamide/Streptozotocin-Induced Type 2 Diabetes in Rats. <i>Plants</i> , 2020, 9, 1609.	3.5	22
13	Development of Mucoadhesive Buccal Film for Rizatriptan: In Vitro and In Vivo Evaluation. <i>Pharmaceutics</i> , 2021, 13, 728.	4.5	22
14	SARS CoV-2 Organotropism Associated Pathogenic Relationship of Gut-Brain Axis and Illness. <i>Frontiers in Molecular Biosciences</i> , 2020, 7, 606779.	3.5	21
15	Formulation and Evaluation of Self-Nanoemulsifying Drug Delivery System Derived Tablet Containing Sertraline. <i>Pharmaceutics</i> , 2022, 14, 336.	4.5	20
16	Novel Therapies for the Treatment of Neuropathic Pain: Potential and Pitfalls. <i>Journal of Clinical Medicine</i> , 2022, 11, 3002.	2.4	19
17	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
18	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

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19	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
20	<p></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
21	Progress Report: Antimicrobial Drug Discovery in the Resistance Era. <i>Pharmaceuticals</i> , 2022, 15, 413.	3.8	15
22	Itraconazole loaded nano-structured lipid carrier for topical ocular delivery: Optimization and evaluation. <i>Saudi Journal of Biological Sciences</i> , 2022, 29, 1-10.	3.8	14
23	Evaluation of rapid techniques for the detection of mycobacteria in sputum with scanty bacilli or clinically evident, smear negative cases of pulmonary and extra-pulmonary tuberculosis. <i>Memorias Do Instituto Oswaldo Cruz</i> , 2011, 106, 620-624.	1.6	12
24	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
25	Modified Carba NP Test: Simple and rapid method to differentiate <i>Klebsiella</i> species. <i>Journal of Clinical Laboratory Analysis</i> , 2018, 32, e22448.	2.1	11
26	Analysis of Codon Usage and Nucleotide Bias in Middle East Respiratory Syndrome Coronavirus Genes. <i>Evolutionary Bioinformatics</i> , 2020, 16, 117693432091886.	1.2	10
27	Crystallography, Molecular Modeling, and COX-2 Inhibition Studies on Indolizine Derivatives. <i>Molecules</i> , 2021, 26, 3550.	3.8	10
28	The Evolution of Severe Acute Respiratory Syndrome Coronavirus-2 during Pandemic and Adaptation to the Host. <i>Journal of Molecular Evolution</i> , 2021, 89, 341-356.	1.8	9
29	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
30	Influence of <i>Parthenium Hysterophorus</i> and <i>Impomea Pes-caprae</i> Fibers Stacking Sequence on the Performance Characteristics of Epoxy Composites. <i>Journal of Natural Fibers</i> , 2022, 19, 4456-4466.	3.1	9
31	Application of cetylpyridinium chloride and sodium chloride decontamination method for recovery of <i>Mycobacterium tuberculosis</i> from clinically suspected cases of pulmonary tuberculosis. <i>Diagnostic Microbiology and Infectious Disease</i> , 2013, 77, 150-157.	1.8	8
32	A comprehensive study to evaluate the effect of constant low voltage iontophoresis on transungual delivery. <i>Drug Development and Industrial Pharmacy</i> , 2013, 39, 807-815.	2.0	8
33	ADVANCES OF NON-IRON METAL NANOPARTICLES IN BIOMEDICINE. <i>Journal of Pharmacy and Pharmaceutical Sciences</i> , 2021, 24, 41-61.	2.1	8
34	A Rapid HPLC Method for the Concurrent Determination of Several Antihypertensive Drugs from Binary and Ternary Formulations. <i>Separations</i> , 2021, 8, 86.	2.4	7
35	Evaluation of two pretreatment methods for the detection of <i>Mycobacterium tuberculosis</i> in suspected pulmonary tuberculosis. <i>Journal of Basic Microbiology</i> , 2013, 53, 260-267.	3.3	6
36	Monitoring of Non-β-Lactam Antibiotic Resistance-Associated Genes in ESBL Producing Enterobacterales Isolates. <i>Antibiotics</i> , 2020, 9, 884.	3.7	6

#	ARTICLE	IF	CITATIONS
37	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.	0.6	6
38	Evaluating Antimicrobial Activity and Wound Healing Effect of Rod-Shaped Nanoparticles. <i>Polymers</i> , 2022, 14, 2637.	4.5	6
39	Long-Term Storage at ~80°C: Effect on Rate of Recovery of <i>Mycobacterium tuberculosis</i> From Direct Acid-Fast Bacilli Smear-Positive Sputum Samples. <i>Journal of Clinical Laboratory Analysis</i> , 2016, 30, 567-576.	2.1	5
40	Isoniazid and rifampin drug susceptibility testing: application of 2,3,5-triphenyl tetrazolium chloride assay and microscopic-observation drug-susceptibility assay directly on Ziehl-Neelsen smear positive sputum specimens. <i>Brazilian Journal of Infectious Diseases</i> , 2016, 20, 33-40.	0.6	5
41	Metallo- β -lactamase- and serine carbapenemase-producing <i>Klebsiella</i> spp.: a global challenge. <i>Journal of Global Antimicrobial Resistance</i> , 2018, 12, 185-186.	2.2	5
42	Salivary levels of <i>Streptococcus mutans</i> and <i>Streptococcus sanguinis</i> in early childhood caries: An in vivo study. <i>Journal of the Indian Society of Pedodontics and Preventive Dentistry</i> , 2018, 36, 386.	0.3	5
43	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.	3.8	5
44	Antitubercular, Cytotoxicity, and Computational Target Validation of Dihydroquinazolinone Derivatives. <i>Antibiotics</i> , 2022, 11, 831.	3.7	5
45	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.	2.5	3
46	The simplest technique for cultivation and maintenance of <i>Balantidium coli</i> . <i>International Journal of Health & Allied Sciences</i> , 2015, 4, 218.	0.1	3
47	Antimicrobial resistance and presence of Class 1 integrons in <i>Pseudomonas aeruginosa</i> isolates from burn and wound infections. <i>Journal of Pharmaceutical Negative Results</i> , 2020, 11, 19.	0.2	3
48	Fabrication of Poly (sebacic acid-co-ricinoleic-ester anhydride) with β -cyclodextrin-loaded doxorubicin Implants and in vitro characterization. <i>Indian Journal of Pharmaceutical Education and Research</i> , 2020, 54, 826-834.	0.6	2
49	High Blood Lead Levels: An Increased Risk for Development of Brain Hyperintensities among Type 2 Diabetes Mellitus Patients. <i>Biological Trace Element Research</i> , 2021, 199, 2149-2157.	3.5	1
50	Pancreatin-Cetyl Pyridinium Chloride Digestion and Decontamination Method; A Novel, Sensitive, Cost-Effective Method for Culturing <i>Mycobacterium tuberculosis</i> . <i>Microorganisms</i> , 2021, 9, 2025.	3.6	1
51	Multivariate Optimization of Chromatographic Conditions for Rapid Simultaneous Quantification of Antidiarrheal Drugs in Formulation Using Surface Response Methodology. <i>Separations</i> , 2022, 9, 103.	2.4	1
52	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.	2.6	1
53	Expression of transaminase enzymes and effect of potassium iodide on its production in mycelial form of <i>Sporothrix schenckii</i> . <i>IP International Journal of Medical Microbiology and Tropical Diseases</i> , 2021, 6, 230-236.	0.1	0
54	Effect of Relative Centrifugal Forces and Centrifugation Times on Recovery of <i>Mycobacterium Tuberculosis</i> . <i>International Journal of Medical and Dental Sciences</i> , 2015, 3, 257.	0.1	0

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55	Correlation between Bio-Film Formation and Carbapenem Resistant Enterobacteriaceae Isolates Obtained from Various Clinical Specimens. Indian Journal of Public Health Research and Development, 2020, 11, 853.	0.0	0
56	Clinical Evaluation of Pyuria, Bacteriuria and Culture for Diagnosis of Urinary Tract Infection. Indian Journal of Public Health Research and Development, 2020, 11, 828.	0.0	0
57	Enhanced synergistic antitumor efficacy with topotecan (camptothecin derivative) and curcumin analogs coadministration in novel proniosomal formulations. Pharmacognosy Magazine, 2022, 18, 233.	0.6	0