

Pottathil Shinu

List of Publications by Year in descending order

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Version: 2024-02-01

57
papers

879
citations

567281

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526287

27
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58
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58
docs citations

58
times ranked

764
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. | 0.6 | 6 |
| 2 | 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 |
| 3 | 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 |
| 4 | Formulation and Evaluation of Self-Nanoemulsifying Drug Delivery System Derived Tablet Containing Sertraline. <i>Pharmaceutics</i> , 2022, 14, 336. | 4.5 | 20 |
| 5 | Enhanced synergistic antitumor efficacy with topotecan (camptothecin derivative) and curcumin analogs coadministration in novel proniosomal formulations. <i>Pharmacognosy Magazine</i> , 2022, 18, 233. | 0.6 | 0 |
| 6 | Progress Report: Antimicrobial Drug Discovery in the Resistance Era. <i>Pharmaceutics</i> , 2022, 15, 413. | 3.8 | 15 |
| 7 | 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 |
| 8 | 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 |
| 9 | 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 |
| 10 | 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 |
| 11 | Novel Therapies for the Treatment of Neuropathic Pain: Potential and Pitfalls. <i>Journal of Clinical Medicine</i> , 2022, 11, 3002. | 2.4 | 19 |
| 12 | 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 |
| 13 | Antitubercular, Cytotoxicity, and Computational Target Validation of Dihydroquinazolinone Derivatives. <i>Antibiotics</i> , 2022, 11, 831. | 3.7 | 5 |
| 14 | Evaluating Antimicrobial Activity and Wound Healing Effect of Rod-Shaped Nanoparticles. <i>Polymers</i> , 2022, 14, 2637. | 4.5 | 6 |
| 15 | 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 |
| 16 | ADVANCES OF NON-IRON METAL NANOPARTICLES IN BIOMEDICINE. <i>Journal of Pharmacy and Pharmaceutical Sciences</i> , 2021, 24, 41-61. | 2.1 | 8 |
| 17 | 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 |
| 18 | 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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|----|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----------|
| 19 | Emerging Role of Hydrogels in Drug Delivery Systems, Tissue Engineering and Wound Management. <i>Pharmaceutics</i> , 2021, 13, 357. | 4.5 | 139 |
| 20 | Perspectives on RNA Vaccine Candidates for COVID-19. <i>Frontiers in Molecular Biosciences</i> , 2021, 8, 635245. | 3.5 | 44 |
| 21 | Clarithromycin Solid Lipid Nanoparticles for Topical Ocular Therapy: Optimization, Evaluation and In Vivo Studies. <i>Pharmaceutics</i> , 2021, 13, 523. | 4.5 | 50 |
| 22 | Development of Mucoadhesive Buccal Film for Rizatriptan: In Vitro and In Vivo Evaluation. <i>Pharmaceutics</i> , 2021, 13, 728. | 4.5 | 22 |
| 23 | 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 |
| 24 | 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 |
| 25 | Crystallography, Molecular Modeling, and COX-2 Inhibition Studies on Indolizine Derivatives. <i>Molecules</i> , 2021, 26, 3550. | 3.8 | 10 |
| 26 | 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 |
| 27 | 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 |
| 28 | 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 |
| 29 | 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 |
| 30 | 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 |
| 31 | Monitoring of Non-β-Lactam Antibiotic Resistance-Associated Genes in ESBL Producing Enterobacterales Isolates. <i>Antibiotics</i> , 2020, 9, 884. | 3.7 | 6 |
| 32 | 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 |
| 33 | Analysis of Codon Usage and Nucleotide Bias in Middle East Respiratory Syndrome Coronavirus Genes. <i>Evolutionary Bioinformatics</i> , 2020, 16, 117693432091886. | 1.2 | 10 |
| 34 | 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 |
| 35 | Correlation between Bio-Film Formation and Carbapenem Resistant Enterobacteriaceae Isolates Obtained from Various Clinical Specimens. <i>Indian Journal of Public Health Research and Development</i> , 2020, 11, 853. | 0.0 | 0 |
| 36 | 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 |

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|----|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----------|
| 37 | 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 |
| 38 | Clinical Evaluation of Pyuria, Bacteriuria and Culture for Diagnosis of Urinary Tract Infection. <i>Indian Journal of Public Health Research and Development</i> , 2020, 11, 828. | 0.0 | 0 |
| 39 | Effective Therapeutic Delivery and Bioavailability Enhancement of Pioglitazone Using Drug in Adhesive Transdermal Patch. <i>Pharmaceutics</i> , 2019, 11, 359. | 4.5 | 28 |
| 40 | Computational, crystallographic studies, cytotoxicity and anti-tubercular activity of substituted 7-methoxy-indolizine analogues. <i>PLoS ONE</i> , 2019, 14, e0217270. | 2.5 | 29 |
| 41 | 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 |
| 42 | <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 |
| 43 | 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 |
| 44 | Development of Asialoglycoprotein Receptor-Targeted Nanoparticles for Selective Delivery of Gemcitabine to Hepatocellular Carcinoma. <i>Molecules</i> , 2019, 24, 4566. | 3.8 | 42 |
| 45 | Anti-tubercular Potency and Computationallyassessed Drug-likeness and Toxicology of Diversely Substituted Indolizines. <i>Indian Journal of Pharmaceutical Education and Research</i> , 2019, 53, 545-552. | 0.6 | 25 |
| 46 | 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 |
| 47 | Modified Carba NP Test: Simple and rapid method to differentiate KPC&€•and MBL&€•producing <i>Klebsiella</i> species. <i>Journal of Clinical Laboratory Analysis</i> , 2018, 32, e22448. | 2.1 | 11 |
| 48 | 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 |
| 49 | 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 |
| 50 | Long&€•Term Storage at $\sim 80^{\circ}\text{C}$: 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 |
| 51 | 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 |
| 52 | 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 |
| 53 | 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 |
| 54 | 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 |

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|----|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----------|
| 55 | Application of cetylpyridinium chloride and sodium chloride decontamination method for recovery of Mycobacterium tuberculosis from clinically suspected cases of pulmonary tuberculosis. Diagnostic Microbiology and Infectious Disease, 2013, 77, 150-157. | 1.8 | 8 |
| 56 | A comprehensive study to evaluate the effect of constant low voltage iontophoresis on transungual delivery. Drug Development and Industrial Pharmacy, 2013, 39, 807-815. | 2.0 | 8 |
| 57 | 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. Memorias Do Instituto Oswaldo Cruz, 2011, 106, 620-624. | 1.6 | 12 |