

Mallikarjuna Rao Pichika

List of Publications by Year in descending order

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Version: 2024-02-01

54
papers

2,345
citations

394286

19
h-index

214721

47
g-index

56
all docs

56
docs citations

56
times ranked

3655
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | Comparative antioxidant and anti-inflammatory effects of [6]-gingerol, [8]-gingerol, [10]-gingerol and [6]-shogaol. <i>Journal of Ethnopharmacology</i> , 2010, 127, 515-520. | 2.0 | 530 |
| 2 | Artificial intelligence in drug development: present status and future prospects. <i>Drug Discovery Today</i> , 2019, 24, 773-780. | 3.2 | 408 |
| 3 | An update on natural compounds in the remedy of diabetes mellitus: A systematic review. <i>Journal of Traditional and Complementary Medicine</i> , 2018, 8, 361-376. | 1.5 | 265 |
| 4 | Transferrin receptors-targeting nanocarriers for efficient targeted delivery and transcytosis of drugs into the brain tumors: a review of recent advancements and emerging trends. <i>Drug Delivery and Translational Research</i> , 2018, 8, 1545-1563. | 3.0 | 123 |
| 5 | Chalcones with electron-withdrawing and electron-donating substituents: Anticancer activity against TRAIL resistant cancer cells, structure-activity relationship analysis and regulation of apoptotic proteins. <i>European Journal of Medicinal Chemistry</i> , 2014, 77, 378-387. | 2.6 | 113 |
| 6 | Antimicrobial activity of <i>Caesalpinia pulcherrima</i> , <i>Euphorbia hirta</i> and <i>Asystasia gangeticum</i> . <i>FÃ-toterapÃ-t</i> , 2006, 77, 378-380. | 1.1 | 85 |
| 7 | 6-Shogaol inhibits breast and colon cancer cell proliferation through activation of peroxisomal proliferator activated receptor β (PPAR β). <i>Cancer Letters</i> , 2013, 336, 127-139. | 3.2 | 85 |
| 8 | Should a Toll-like receptor 4 (TLR-4) agonist or antagonist be designed to treat cancer? TLR-4: its expression and effects in the ten most common cancers. <i>OncoTargets and Therapy</i> , 2013, 6, 1573. | 1.0 | 72 |
| 9 | Rising horizon in circumventing multidrug resistance in chemotherapy with nanotechnology. <i>Materials Science and Engineering C</i> , 2019, 101, 596-613. | 3.8 | 71 |
| 10 | Carbon nanotubes (CNTs) based advanced dermal therapeutics: current trends and future potential. <i>Nanoscale</i> , 2018, 10, 8911-8937. | 2.8 | 64 |
| 11 | Evaluation of antimicrobial activity of <i>Cleome viscosa</i> and <i>Gmelina asiatica</i> . <i>FÃ-toterapÃ-t</i> , 2006, 77, 47-49. | 1.1 | 41 |
| 12 | In vitro antibacterial effects of <i>Cinnamomum</i> extracts on common bacteria found in wound infections with emphasis on methicillin-resistant <i>Staphylococcus aureus</i> . <i>Journal of Ethnopharmacology</i> , 2014, 153, 587-595. | 2.0 | 38 |
| 13 | PH Responsive Polyurethane for the Advancement of Biomedical and Drug Delivery. <i>Polymers</i> , 2022, 14, 1672. | 2.0 | 33 |
| 14 | Carbon nanotubes in the delivery of anticancer herbal drugs. <i>Nanomedicine</i> , 2018, 13, 1187-1220. | 1.7 | 30 |
| 15 | Galangin's potential as a functional food ingredient. <i>Journal of Functional Foods</i> , 2018, 46, 490-503. | 1.6 | 27 |
| 16 | Novel Approaches for the Treatment of Pulmonary Tuberculosis. <i>Pharmaceutics</i> , 2020, 12, 1196. | 2.0 | 26 |
| 17 | Antimicrobial activity of <i>Bauhinia tomentosa</i> and <i>Bauhinia vahlii</i> roots. <i>Pharmacognosy Magazine</i> , 2010, 6, 204. | 0.3 | 23 |
| 18 | Acute oral toxicity studies of <i>Swietenia macrophylla</i> seeds in Sprague Dawley rats. <i>Pharmacognosy Research (discontinued)</i> , 2015, 7, 38. | 0.3 | 23 |

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|----|--|-----|-----------|
| 19 | Drug-like dietary vanilloids induce anticancer activity through proliferation inhibition and regulation of bcl-2 related apoptotic proteins. <i>Phytotherapy Research</i> , 2018, 32, 1108-1118. | 2.8 | 22 |
| 20 | Success stories of AI in drug discovery - where do things stand?. <i>Expert Opinion on Drug Discovery</i> , 2022, 17, 79-92. | 2.5 | 21 |
| 21 | Basic Ionic Liquid [bmIm]OH-Mediated Gewald Reaction as Green Protocol for the Synthesis of 2-Aminothiophenes. <i>Synthetic Communications</i> , 2015, 45, 119-126. | 1.1 | 19 |
| 22 | Antibacterial and Antibiofilm Activities of Nonpolar Extracts of <i>Allium stipitatum</i> Regel. against Multidrug Resistant Bacteria. <i>BioMed Research International</i> , 2018, 2018, 1-13. | 0.9 | 19 |
| 23 | Synthesis and anticancer evaluation of amide derivatives of imidazo-pyridines. <i>Medicinal Chemistry Research</i> , 2021, 30, 74-83. | 1.1 | 17 |
| 24 | The Clinical Effects of <i>Synsepalum dulcificum</i> : A Review. <i>Journal of Medicinal Food</i> , 2014, 17, 1165-1169. | 0.8 | 16 |
| 25 | Bioactive 2-(Methyldithio)Pyridine-3-Carbonitrile from Persian Shallot (<i>Allium stipitatum</i> Regel.) Exerts Broad-Spectrum Antimicrobial Activity. <i>Molecules</i> , 2019, 24, 1003. | 1.7 | 16 |
| 26 | <i>Zingiber officinale</i> var. <i>rubrum</i> : Red Ginger's Medicinal Uses. <i>Molecules</i> , 2022, 27, 775. | 1.7 | 16 |
| 27 | Swietenine potentiates the antihyperglycemic and antioxidant activity of Metformin in Streptozotocin induced diabetic rats. <i>Biomedicine and Pharmacotherapy</i> , 2021, 139, 111576. | 2.5 | 12 |
| 28 | Folic Acid Conjugated Nanocarriers for Efficient Targetability and Promising Anticancer Efficacy for Treatment of Breast Cancer: A Review of Recent Updates. <i>Current Pharmaceutical Design</i> , 2020, 26, 5365-5379. | 0.9 | 12 |
| 29 | Construction of a novel quinoxaline as a new class of Nrf2 activator. <i>BMC Chemistry</i> , 2019, 13, 117. | 1.6 | 11 |
| 30 | Studies on the mechanism of anti-inflammatory action of swietenine, a tetranortriterpenoid isolated from <i>Swietenia macrophylla</i> seeds. <i>Phytomedicine Plus</i> , 2021, 1, 100018. | 0.9 | 11 |
| 31 | Molecular Docking Studies and Comparative Binding Mode Analysis of FDA Approved HIV Protease Inhibitors. <i>Asian Journal of Chemistry</i> , 2014, 26, 6227-6232. | 0.1 | 9 |
| 32 | Comparative efficacy of vanilloids in inhibiting toll-like receptor-4 (TLR-4)/myeloid differentiation factor (MD-2) homodimerisation. <i>Food and Function</i> , 2018, 9, 3344-3350. | 2.1 | 8 |
| 33 | A Critical Review on Emerging Trends in Dry Powder Inhaler Formulation for the Treatment of Pulmonary Aspergillosis. <i>Pharmaceutics</i> , 2020, 12, 1161. | 2.0 | 8 |
| 34 | Light-responsive polyurethanes: classification of light-responsive moieties, light-responsive reactions, and their applications. <i>RSC Advances</i> , 2022, 12, 15261-15283. | 1.7 | 8 |
| 35 | Antibacterial and antibiofilm efficacy of κ 21-E in root canal disinfection. <i>Dental Materials</i> , 2021, 37, 1511-1528. | 1.6 | 7 |
| 36 | In vitro methods used for discovering plant derived products as wound healing agents - An update on the cell types and rationale. <i>FITOTERAPIA</i> , 2021, 154, 105026. | 1.1 | 7 |

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|----|--|-----|-----------|
| 37 | The role of DMPK science in improving pharmaceutical research and development efficiency. Drug Discovery Today, 2022, 27, 705-729. | 3.2 | 7 |
| 38 | Concentration-Dependent Multi-Potentiality of L-Arginine: Antimicrobial Effect, Hydroxyapatite Stability, and MMPs Inhibition. Molecules, 2021, 26, 6605. | 1.7 | 6 |
| 39 | Microarray Analysis of the Genomic Effect of Eugenol on Methicillin-Resistant Staphylococcus aureus. Molecules, 2022, 27, 3249. | 1.7 | 6 |
| 40 | in silico Binding Mode Analysis (Molecular Docking Studies) and Absorption, Distribution, Metabolism and Excretion Prediction of Some Novel Inhibitors of Aurora Kinase A in Clinical Trials. Asian Journal of Chemistry, 2014, 26, 6221-6226. | 0.1 | 5 |
| 41 | One-pot synthesis of cobalt-incorporated polyglycerol ester as an antimicrobial agent for polyurethane coatings. Journal of Applied Polymer Science, 2018, 135, 46045. | 1.3 | 5 |
| 42 | Synthesis and Incorporation of Quaternary Ammonium Silane Antimicrobial into Self-Crosslinked Type I Collagen Scaffold: A Hybrid Formulation for 3D Printing. Macromolecular Bioscience, 2022, 22, e2100326. | 2.1 | 4 |
| 43 | An <i>in silico</i> approach towards the identification of novel inhibitors of the TLR-4 signaling pathway. Journal of Biomolecular Structure and Dynamics, 2016, 34, 1345-1362. | 2.0 | 3 |
| 44 | Thiazolopyridines Improve Adipocyte Function by Inhibiting 11 Beta-HSD1 Oxoreductase Activity. Journal of Chemistry, 2017, 2017, 1-10. | 0.9 | 2 |
| 45 | New Alkyl (E)-5-(Methylsulfinyl) Pent-4-Enoates from Raphanus sativus Seeds. Revista Brasileira De Farmacognosia, 2020, 30, 715-717. | 0.6 | 2 |
| 46 | Hyperbranched poly(glycerol esteramide): A biocompatible drug carrier from glycerol feedstock and dicarboxylic acid. Journal of Applied Polymer Science, 2021, 138, 50126. | 1.3 | 2 |
| 47 | Biochemical changes and macrophage polarization of a silane-based endodontic irrigant in an animal model. Scientific Reports, 2022, 12, 6354. | 1.6 | 2 |
| 48 | Effect of Sustained Systemic Administration of Ginger (Z officinale) Rhizome Extracts on Salivary Flow in Mice. International Dental Journal, 2022, , . | 1.0 | 2 |
| 49 | tert-Butylhydroperoxide-Mediated Oxidation of Carbazole-3-carboxyaldehydes. Synlett, 2018, 29, 1084-1086. | 1.0 | 1 |
| 50 | Edible foxtail millet flour stabilises and retain the <i>in vitro</i> activity of blueberry bioactive components. International Journal of Food Science and Technology, 2018, 53, 1771-1780. | 1.3 | 1 |
| 51 | Synthesis of quinozilinium fluoroborate salts from harmine. Carbon Letters, 2021, 31, 297-305. | 3.3 | 1 |
| 52 | 2-Methoxy-4-(prop-2-en-1-yl)phenyl benzoate. Acta Crystallographica Section E: Structure Reports Online, 2013, 69, o1088-o1088. | 0.2 | 0 |
| 53 | 2-Methoxy-4-(prop-2-en-1-yl)phenyl 4-methoxybenzoate. Acta Crystallographica Section E: Structure Reports Online, 2013, 69, o819-o819. | 0.2 | 0 |
| 54 | 2-Methoxy-4-(prop-2-en-1-yl)phenyl 2,4-dichlorobenzoate. Acta Crystallographica Section E: Structure Reports Online, 2013, 69, o1089-o1089. | 0.2 | 0 |