

# Mallikarjuna Rao Pichika

## List of Publications by Year in descending order

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54  
papers

2,345  
citations

394286  
19  
h-index

214721  
47  
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56  
all docs

56  
docs citations

56  
times ranked

3655  
citing authors

#	ARTICLE	IF	CITATIONS
1	Success stories of AI in drug discovery - where do things stand?. Expert Opinion on Drug Discovery, 2022, 17, 79-92.	2.5	21
2	The role of DMPK science in improving pharmaceutical research and development efficiency. Drug Discovery Today, 2022, 27, 705-729.	3.2	7
3	Zingiber officinale var. rubrum: Red Ginger's Medicinal Uses. Molecules, 2022, 27, 775.	1.7	16
4	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
5	PH Responsive Polyurethane for the Advancement of Biomedical and Drug Delivery. Polymers, 2022, 14, 1672.	2.0	33
6	Biochemical changes and macrophage polarization of a silane-based endodontic irrigant in an animal model. Scientific Reports, 2022, 12, 6354.	1.6	2
7	Light-responsive polyurethanes: classification of light-responsive moieties, light-responsive reactions, and their applications. RSC Advances, 2022, 12, 15261-15283.	1.7	8
8	Microarray Analysis of the Genomic Effect of Eugenol on Methicillin-Resistant Staphylococcus aureus. Molecules, 2022, 27, 3249.	1.7	6
9	Effect of Sustained Systemic Administration of Ginger (Z officinale) Rhizome Extracts on Salivary Flow in Mice. International Dental Journal, 2022, , .	1.0	2
10	Synthesis of quinozilinium fluoroborate salts from harmine. Carbon Letters, 2021, 31, 297-305.	3.3	1
11	Synthesis and anticancer evaluation of amide derivatives of imidazo-pyridines. Medicinal Chemistry Research, 2021, 30, 74-83.	1.1	17
12	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
13	Studies on the mechanism of anti-inflammatory action of swietenine, a tetranortriterpenoid isolated from Swietenia macrophylla seeds. Phytomedicine Plus, 2021, 1, 100018.	0.9	11
14	Swietenine potentiates the antihyperglycemic and antioxidant activity of Metformin in Streptozotocin induced diabetic rats. Biomedicine and Pharmacotherapy, 2021, 139, 111576.	2.5	12
15	Antibacterial and antibiofilm efficacy of k21-E in root canal disinfection. Dental Materials, 2021, 37, 1511-1528.	1.6	7
16	In vitro methods used for discovering plant derived products as wound healing agents " An update on the cell types and rationale. FÅ-toterapÅ-Åç, 2021, 154, 105026.	1.1	7
17	Concentration-Dependent Multi-Potentiality of L-Arginine: Antimicrobial Effect, Hydroxyapatite Stability, and MMPs Inhibition. Molecules, 2021, 26, 6605.	1.7	6
18	A Critical Review on Emerging Trends in Dry Powder Inhaler Formulation for the Treatment of Pulmonary Aspergillosis. Pharmaceutics, 2020, 12, 1161.	2.0	8

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19	New Alkyl (E)-5-(Methylsulfinyl) Pent-4-Enoates from Raphanus sativus Seeds. <i>Revista Brasileira De Farmacognosia</i> , 2020, 30, 715-717.	0.6	2
20	Novel Approaches for the Treatment of Pulmonary Tuberculosis. <i>Pharmaceutics</i> , 2020, 12, 1196.	2.0	26
21	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
22	Construction of a novel quinoxaline as a new class of Nrf2 activator. <i>BMC Chemistry</i> , 2019, 13, 117.	1.6	11
23	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
24	Rising horizon in circumventing multidrug resistance in chemotherapy with nanotechnology. <i>Materials Science and Engineering C</i> , 2019, 101, 596-613.	3.8	71
25	Artificial intelligence in drug development: present status and future prospects. <i>Drug Discovery Today</i> , 2019, 24, 773-780.	3.2	408
26	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
27	Carbon nanotubes (CNTs) based advanced dermal therapeutics: current trends and future potential. <i>Nanoscale</i> , 2018, 10, 8911-8937.	2.8	64
28	tert-Butylhydroperoxide-Mediated Oxidation of Carbazole-3-carboxyaldehydes. <i>Synlett</i> , 2018, 29, 1084-1086.	1.0	1
29	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
30	Edible foxtail millet flour stabilises and retain the <i>in vitro</i> activity of blueberry bioactive components. <i>International Journal of Food Science and Technology</i> , 2018, 53, 1771-1780.	1.3	1
31	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
32	One-pot synthesis of cobalt-incorporated polyglycerol ester as an antimicrobial agent for polyurethane coatings. <i>Journal of Applied Polymer Science</i> , 2018, 135, 46045.	1.3	5
33	Galangin's potential as a functional food ingredient. <i>Journal of Functional Foods</i> , 2018, 46, 490-503.	1.6	27
34	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
35	Carbon nanotubes in the delivery of anticancer herbal drugs. <i>Nanomedicine</i> , 2018, 13, 1187-1220.	1.7	30
36	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

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37	Thiazolopyridines Improve Adipocyte Function by Inhibiting 11 Beta-HSD1 Oxoreductase Activity. Journal of Chemistry, 2017, 2017, 1-10.	0.9	2
38	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
39	Acute oral toxicity studies of Swietenia macrophylla seeds in Sprague Dawley rats. Pharmacognosy Research (discontinued), 2015, 7, 38.	0.3	23
40	Basic Ionic Liquid [bmIm]OH Mediated Gewald Reaction as Green Protocol for the Synthesis of 2-Aminothiophenes. Synthetic Communications, 2015, 45, 119-126.	1.1	19
41	<i>in silico</i> 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
42	Molecular Docking Studies and Comparative Binding Mode Analysis of FDA Approved HIV Protease Inhibitors. Asian Journal of Chemistry, 2014, 26, 6227-6232.	0.1	9
43	The Clinical Effects of Synsepalum dulcificum: A Review. Journal of Medicinal Food, 2014, 17, 1165-1169.	0.8	16
44	In vitro antibacterial effects of Cinnamomum extracts on common bacteria found in wound infections with emphasis on methicillin-resistant Staphylococcus aureus. Journal of Ethnopharmacology, 2014, 153, 587-595.	2.0	38
45	Chalcones with electron-withdrawing and electron-donating substituents: Anticancer activity against TRAIL resistant cancer cells, structure-activity relationship analysis and regulation of apoptotic proteins. European Journal of Medicinal Chemistry, 2014, 77, 378-387.	2.6	113
46	6-Shogaol inhibits breast and colon cancer cell proliferation through activation of peroxisomal proliferator activated receptor $\beta$ (PPAR $\beta$ ). Cancer Letters, 2013, 336, 127-139.	3.2	85
47	2-Methoxy-4-(prop-2-en-1-yl)phenyl benzoate. Acta Crystallographica Section E: Structure Reports Online, 2013, 69, o1088-o1088.	0.2	0
48	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
49	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. OncoTargets and Therapy, 2013, 6, 1573.	1.0	72
50	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
51	Antimicrobial activity of Bauhinia tomentosa and Bauhinia vahlii roots. Pharmacognosy Magazine, 2010, 6, 204.	0.3	23
52	Comparative antioxidant and anti-inflammatory effects of [6]-gingerol, [8]-gingerol, [10]-gingerol and [6]-shogaol. Journal of Ethnopharmacology, 2010, 127, 515-520.	2.0	530
53	Evaluation of antimicrobial activity of Cleome viscosa and Gmelina asiatica. F $\ddot{A}$ -toterap $\ddot{A}$ - $\ddot{A}$ $\phi$ , 2006, 77, 47-49.	1.1	41
54	Antimicrobial activity of Caesalpinia pulcherrima, Euphorbia hirta and Asystasia gangeticum. F $\ddot{A}$ -toterap $\ddot{A}$ - $\ddot{A}$ $\phi$ , 2006, 77, 378-380.	1.1	85