

Sreedhara Ranganath Pai

List of Publications by Year in descending order

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74
papers

1,401
citations

331538

21
h-index

377752

34
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79
all docs

79
docs citations

79
times ranked

2064
citing authors

#	ARTICLE	IF	CITATIONS
1	Synthesis, characterization and biological activities of some new benzo[b]thiophene derivatives. <i>European Journal of Medicinal Chemistry</i> , 2010, 45, 825-830.	2.6	110
2	Synthesis and antitumor studies on novel Co(II), Ni(II) and Cu(II) metal complexes of bis(3-acetylcoumarin)thiocarbohydrazone. <i>European Journal of Medicinal Chemistry</i> , 2008, 43, 2338-2346.	2.6	82
3	Synthesis and in vitro biological evaluation of new pyrazole chalcones and heterocyclic diamides as potential anticancer agents. <i>Arabian Journal of Chemistry</i> , 2015, 8, 317-321.	2.3	76
4	Synthesis, Structure, Electrochemistry, and Spectral Characterization of Bis-Isatin Thiocarbohydrazone Metal Complexes and Their Antitumor Activity Against Ehrlich Ascites Carcinoma in Swiss Albino Mice. <i>Metal-Based Drugs</i> , 2008, 2008, 1-11.	3.8	62
5	Some new indole-coumarin hybrids; Synthesis, anticancer and Bcl-2 docking studies. <i>Bioorganic Chemistry</i> , 2015, 63, 101-109.	2.0	62
6	Evaluation of antioxidant and anticancer activity of extract and fractions of <i>Nardostachys jatamansi</i> DC in breast carcinoma. <i>BMC Complementary and Alternative Medicine</i> , 2015, 15, 50.	3.7	61
7	Vasorelaxant and antihypertensive effect of <i>Cocos nucifera</i> Linn. endocarp on isolated rat thoracic aorta and DOCA salt-induced hypertensive rats. <i>Journal of Ethnopharmacology</i> , 2011, 134, 50-54.	2.0	57
8	Click Chemistry Approach for Bis-Chromenyl Triazole Hybrids and Their Antitubercular Activity. <i>Chemical Biology and Drug Design</i> , 2012, 80, 516-523.	1.5	51
9	Preliminary evaluation of in vitro cytotoxicity and in vivo antitumor activity of <i>Premna herbacea</i> Roxb. in Ehrlich ascites carcinoma model and Dalton's lymphoma ascites model. <i>Experimental and Toxicologic Pathology</i> , 2013, 65, 235-242.	2.1	49
10	Chitosan-glucuronic acid conjugate coated mesoporous silica nanoparticles: A smart pH-responsive and receptor-targeted system for colorectal cancer therapy. <i>Carbohydrate Polymers</i> , 2021, 261, 117893.	5.1	45
11	Advances in targeting EGFR allosteric site as anti-NSCLC therapy to overcome the drug resistance. <i>Pharmacological Reports</i> , 2020, 72, 799-813.	1.5	39
12	Synthesis and pharmacological evaluation of some new fluorine containing hydroxypyrazolines as potential anticancer and antioxidant agents. <i>European Journal of Medicinal Chemistry</i> , 2015, 104, 25-32.	2.6	38
13	Synthesis, characterization, anticancer, and antioxidant activity of some new thiazolidin-4-ones in MCF-7 cells. <i>Medicinal Chemistry Research</i> , 2013, 22, 758-767.	1.1	37
14	Cannabinoid receptor 2 activation mitigates lipopolysaccharide-induced neuroinflammation and sickness behavior in mice. <i>Psychopharmacology</i> , 2019, 236, 1829-1838.	1.5	34
15	Sesamol prevents doxorubicin-induced oxidative damage and toxicity on H9c2 cardiomyoblasts. <i>Journal of Pharmacy and Pharmacology</i> , 2013, 65, 1083-1093.	1.2	29
16	In vivo anticancer and histopathology studies of Schiff bases on Ehrlich ascitic carcinoma cells. <i>Arabian Journal of Chemistry</i> , 2013, 6, 25-33.	2.3	28
17	In vitro and in vivo evaluation of novel cinnamyl sulfonamide hydroxamate derivative against colon adenocarcinoma. <i>Chemico-Biological Interactions</i> , 2015, 233, 81-94.	1.7	26
18	Synthesis, structure, electrochemistry and spectral characterization of (d-glucopyranose)-4-phenylthiosemicarbazide metal complexes and their antitumor activity against Ehrlich Ascites Carcinoma in Swiss albino mice. <i>European Journal of Medicinal Chemistry</i> , 2010, 45, 106-113.	2.6	25

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19	Antitumor and antioxidant activity of <i>Polyalthia longifolia</i> stem bark ethanol extract. <i>Pharmaceutical Biology</i> , 2010, 48, 690-696.	1.3	25
20	Implications of environmental toxicants on ovarian follicles: how it can adversely affect the female fertility?. <i>Environmental Science and Pollution Research</i> , 2021, 28, 67925-67939.	2.7	25
21	Nâ€²-((2-(6-bromo-2-oxo-2H-chromen-3-yl)-1H-indol-3-yl)methylene)benzohydrazide as a probable Bcl-2/Bcl-xL inhibitor with apoptotic and anti-metastatic potential. <i>European Journal of Medicinal Chemistry</i> , 2016, 120, 134-147.	2.6	24
22	N-acetyl-L-tryptophan, a substance-P receptor antagonist attenuates aluminum-induced spatial memory deficit in rats. <i>Toxicology Mechanisms and Methods</i> , 2018, 28, 328-334.	1.3	23
23	Repurposing of existing FDA approved drugs for Nephilysin inhibition: An in-silico study. <i>Journal of Molecular Structure</i> , 2021, 1224, 129073.	1.8	23
24	The effects of <i>Mucuna pruriens</i> extract on histopathological and biochemical features in the rat model of ischemia. <i>NeuroReport</i> , 2017, 28, 1195-1201.	0.6	20
25	Anticancer activity of <i>Berberis aristata</i> in Ehrlich ascites carcinoma-bearing mice: A preliminary study. <i>Pharmaceutical Biology</i> , 2012, 50, 270-277.	1.3	19
26	Sodium valproate enhances doxorubicin-induced cognitive dysfunction in Wistar rats. <i>Biomedicine and Pharmacotherapy</i> , 2017, 96, 736-741.	2.5	18
27	Beneficial Effect of <i>Cissus quadrangularis</i> Linn. on Osteopenia Associated with Streptozotocin-Induced Type 1 Diabetes Mellitus in Male Wistar Rats. <i>Advances in Pharmacological Sciences</i> , 2014, 2014, 1-10.	3.7	17
28	Aberrant canonical Wnt signaling: Phytochemical based modulation. <i>Phytomedicine</i> , 2020, 76, 153243.	2.3	17
29	Caffeic acid, a dietary polyphenol, as a promising candidate for combination therapy. <i>Chemical Papers</i> , 2022, 76, 1271-1283.	1.0	17
30	Effects of <i>Withania somnifera</i> and <i>Tinospora cordifolia</i> Extracts on the Side Population Phenotype of Human Epithelial Cancer Cells. <i>Integrative Cancer Therapies</i> , 2015, 14, 156-171.	0.8	15
31	Effect of Caffeic Acid on Ischemia-Reperfusion-Induced Acute Renal Failure in Rats. <i>Pharmacology</i> , 2019, 103, 315-319.	0.9	15
32	Assessment of the in vitro cytotoxicity and in vivo anti-tumor activity of the alcoholic stem bark extract/fractions of <i>Mimusops elengi</i> Linn.. <i>Cytotechnology</i> , 2016, 68, 861-877.	0.7	13
33	Antidepressant-like effect of dehydrozingerone from <i>Zingiber officinale</i> by elevating monoamines in brain: in silico and in vivo studies. <i>Pharmacological Reports</i> , 2021, 73, 1273-1286.	1.5	12
34	Influence of traditional medicines on the activity of keratinocytes in wound healing: an in-vitro study. <i>Anatomy and Cell Biology</i> , 2019, 52, 324.	0.5	12
35	Mesoporous silica nanoparticles capped with chitosan-glucuronic acid conjugate for pH-responsive targeted delivery of 5-fluorouracil. <i>Journal of Drug Delivery Science and Technology</i> , 2021, 63, 102472.	1.4	11
36	Evaluation of <i>Ceiba pentandra</i> (L.) Gaertner bark extracts for in vitro cytotoxicity on cancer cells and in vivo antitumor activity in solid and liquid tumor models. <i>Cytotechnology</i> , 2016, 68, 1909-1923.	0.7	10

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37	Prediction of Tissue-to-Plasma Ratios of Basic Compounds in Mice. <i>European Journal of Drug Metabolism and Pharmacokinetics</i> , 2017, 42, 835-847.	0.6	10
38	Design, Synthesis, Antioxidant and Anticancer Activity of Novel Schiff's Bases of 2-Amino Benzothiazole. <i>Indian Journal of Pharmaceutical Education and Research</i> , 2018, 52, S333-S342.	0.3	10
39	Bulbophyllum sterile petroleum ether fraction induces apoptosis in vitro and ameliorates tumor progression in vivo. <i>Biomedicine and Pharmacotherapy</i> , 2016, 84, 1419-1427.	2.5	9
40	The inhibitory potency of isoxazole-curcumin analogue for the management of breast cancer: A comparative in vitro and molecular modeling investigation. <i>Chemical Papers</i> , 2021, 75, 5995-6008.	1.0	9
41	Structure-based docking, pharmacokinetic evaluation, and molecular dynamics-guided evaluation of traditional formulation against SARS-CoV-2 spike protein receptor bind domain and ACE2 receptor complex. <i>Chemical Papers</i> , 2022, 76, 1063-1083.	1.0	9
42	Promising anticancer activities of <i>Justicia simplex</i> D. Don . in cellular and animal models. <i>Journal of Ethnopharmacology</i> , 2017, 199, 231-239.	2.0	8
43	Virtual structure-based docking, WaterMap, and molecular dynamics guided identification of the potential natural compounds as inhibitors of protein-tyrosine phosphatase 1B. <i>Journal of Molecular Structure</i> , 2021, 1226, 129396.	1.8	8
44	Molecular dynamics and structure-based virtual screening and identification of natural compounds as Wnt signaling modulators: possible therapeutics for Alzheimer's disease. <i>Molecular Diversity</i> , 2022, 26, 2793-2811.	2.1	8
45	Treatments for psoriasis: A journey from classical to advanced therapies. How far have we reached?. <i>European Journal of Pharmacology</i> , 2022, 929, 175147.	1.7	8
46	Neuromodulatory potential of phenylpropanoids; para-methoxycinnamic acid and ethyl-p-methoxycinnamate on aluminum-induced memory deficit in rats. <i>Toxicology Mechanisms and Methods</i> , 2019, 29, 334-343.	1.3	7
47	Novel Indole-Quinazolinone Based Amides as Cytotoxic Agents. <i>Journal of Heterocyclic Chemistry</i> , 2016, 53, 513-524.	1.4	6
48	Prediction of volume of distribution in preclinical species and humans: application of simplified physiologically based algorithms. <i>Xenobiotica</i> , 2019, 49, 528-539.	0.5	6
49	An insight on promising strategies hoping to cure HIV-1 infection by targeting Rev protein's short review. <i>Pharmacological Reports</i> , 2021, 73, 1265-1272.	1.5	6
50	e-Pharmacophore model-guided design of potential DprE1 inhibitors: synthesis, in vitro antitubercular assay and molecular modelling studies. <i>Chemical Papers</i> , 2021, 75, 5571-5585.	1.0	6
51	Urinary Tract Infection Treatment Pattern of Elderly Patients in a Tertiary Hospital Setup in South India: A Prospective Study. <i>Journal of Young Pharmacists</i> , 2016, 8, 108-113.	0.1	6
52	Identification of novel TMPRSS2 inhibitors against SARS-CoV-2 infection: a structure-based virtual screening and molecular dynamics study. <i>Structural Chemistry</i> , 2022, 33, 1529-1541.	1.0	6
53	Synthesis, Molecular Docking and Evaluation of 1,3,4-Oxadiazole-Isobenzofuran Hybrids as Antimicrobial and Anticancer Agents. <i>Chemistry and Biodiversity</i> , 2022, 19, .	1.0	6
54	Repositioning of antidiabetic drugs for Alzheimer's disease: possibility of Wnt signaling modulation by targeting LRP6 an <i>in silico</i> based study. <i>Journal of Biomolecular Structure and Dynamics</i> , 2022, 40, 9577-9591.	2.0	5

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55	Molecular modeling piloted analysis for semicarbazone derivative of curcumin as a potent Abl-kinase inhibitor targeting colon cancer. 3 Biotech, 2021, 11, 506.	1.1	5
56	Hepatoprotective Role of <i>Caesalpinia bonduca</i> : A Histopathological and Biochemical Study. Journal of Clinical and Diagnostic Research JCDR, 2014, 8, HF05-7.	0.8	4
57	Targeting HIV&TB coinfection by developing novel piperidin&substituted imines: Design, synthesis, in vitro and in silico studies. Archiv Der Pharmazie, 2019, 352, 1800358.	2.1	4
58	Synthesis, Docking and Anti-Tumor Activity of β -L-1,3-Thiazolidine Pyrimidine Nucleoside Analogues. Medicinal Chemistry, 2007, 3, 425-432.	0.7	4
59	Selective cytotoxicity and pro-apoptotic activity of stem bark of <i>Wrightia tinctoria</i> (Roxb.) R. Br. in cancerous cells. Pharmacognosy Magazine, 2015, 11, 481.	0.3	4
60	Synthesis, Antitumor, and DNA Binding Behavior of Novel 4-(2-Hydroxyquinolin-3-yl)-6-Phenyl-5, 6-Dihydropyrimidin Derivatives in Aqueous Medium. Nucleosides, Nucleotides and Nucleic Acids, 2010, 29, 591-605.	0.4	3
61	Growth promoting potential of <i>Ficus bengalensis</i> root extracts in immature female rats. Pharmaceutical Biology, 2009, 47, 268-273.	1.3	2
62	Design, development, drug-likeness, and molecular docking studies of novel piperidin-4-imine derivatives as antitubercular agents. Drug Design, Development and Therapy, 2015, 9, 3779.	2.0	2
63	Synthesis, spectroscopic and anti tumor studies on copper(II) complex of orthohydroxypropiophenoneisonicotinoylhydrazone. Arabian Journal of Chemistry, 2016, 9, S404-S410.	2.3	2
64	Amelioration of arsenic-induced oxidative stress in CHO cells by <i>Ixora coccinea</i> flower extract. 3 Biotech, 2018, 8, 446.	1.1	2
65	Design, Synthesis, Biological Evaluation and In Silico Studies of Few Novel 2-Substituted Benzothiazole Derivatives as Potential EGFR Inhibitors. Letters in Drug Design and Discovery, 2019, 16, 961-971.	0.4	2
66	Screening of Anticancer Activity of Selected Medicinal Plants Indigenous to Western Ghats: <i>Argyrea nervosa</i> , <i>Memecylon malabaricum</i> and <i>Memecylon umbellatum</i> . Advanced Science Letters, 2017, 23, 1781-1784.	0.2	2
67	Prediction of Tumor-to-Plasma Ratios of Basic Compounds in Subcutaneous Xenograft Mouse Models. European Journal of Drug Metabolism and Pharmacokinetics, 2018, 43, 331-346.	0.6	1
68	Stem Cells Delivered Oncolytic Virus to Destroy Formidable Brain Tumor. Stem Cell Reviews and Reports, 2021, , 1.	1.7	1
69	Reversal of Chronic Fatigue Induced Alterations by Sesamol in Mice: Evidence for Involvement of Oxidative Stress And Inflammatory Pathway. Value in Health, 2014, 17, A810.	0.1	0
70	Structural Elucidation of Alkaloids from Aerial Parts of <i>Rivea hypocrateriformis</i> and Their Antihemolytic and Cytotoxic Activity. Chemistry of Natural Compounds, 2018, 54, 142-146.	0.2	0
71	Structure based virtual docking and molecular dynamics guided identification of potential phytoconstituents from traditionally used female antifertility plant. Pharmaceutical Sciences, 2021, , .	0.1	0
72	Anticancer Activity of Stem Bark Extract and Fractions of <i>Wrightia tinctoria</i> in Transplantable Tumors in Mice. Advanced Science Letters, 2017, 23, 1995-2000.	0.2	0

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73	In Silico Evaluation of the Role of Phytochemicals in Alzheimer's Disease Through Wnt Signaling Modulation. Special Publication - Royal Society of Chemistry, 2019, , 36-39.	0.0	0
74	in silico-Based Virtual Screening and Molecular Docking Analysis of Phytochemicals obtained from Methanolic Extract of Cleome viscosa Linn. by GC-MS Method for its Anticancer Activity. Asian Journal of Chemistry, 2021, 33, 2943-2952.	0.1	0