

# C Mallikarjuna Rao

## List of Publications by Year in descending order

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Version: 2024-02-01

47  
papers

1,519  
citations

331670

21  
h-index

361022

35  
g-index

48  
all docs

48  
docs citations

48  
times ranked

2391  
citing authors

#	ARTICLE	IF	CITATIONS
1	Epigenetic tools (The Writers, The Readers and The Erasers) and their implications in cancer therapy. <i>European Journal of Pharmacology</i> , 2018, 837, 8-24.	3.5	242
2	Epigenetics in cancer: Fundamentals and Beyond. , 2017, 173, 118-134.		174
3	Synthesis and antitumor activity of optically active thiourea and their 2-aminobenzothiazole derivatives: A novel class of anticancer agents. <i>European Journal of Medicinal Chemistry</i> , 2009, 44, 2923-2929.	5.5	119
4	A Review on Anticancer Potentials of Benzothiazole Derivatives. <i>Mini-Reviews in Medicinal Chemistry</i> , 2020, 20, 12-23.	2.4	70
5	Effect of sesamol on radiation-induced cytotoxicity in Swiss albino mice. <i>Mutation Research - Genetic Toxicology and Environmental Mutagenesis</i> , 2006, 611, 9-16.	1.7	64
6	Impact of caffeic acid on aluminium chloride-induced dementia in rats. <i>Journal of Pharmacy and Pharmacology</i> , 2013, 65, 1745-1752.	2.4	63
7	Caffeic acid attenuates lipopolysaccharide-induced sickness behaviour and neuroinflammation in mice. <i>Neuroscience Letters</i> , 2016, 632, 218-223.	2.1	63
8	Epigenetics in NAFLD/NASH: Targets and therapy. <i>Pharmacological Research</i> , 2021, 167, 105484.	7.1	63
9	Normal and delayed wound healing is improved by sesamol, an active constituent of <i>Sesamum indicum</i> (L.) in albino rats. <i>Journal of Ethnopharmacology</i> , 2011, 133, 608-612.	4.1	57
10	Free radical scavenging and radioprotective activity of dehydrozingerone against whole body gamma irradiation in Swiss albino mice. <i>Chemico-Biological Interactions</i> , 2007, 170, 49-58.	4.0	44
11	Sesamol Treatment Reduces Plasma Cholesterol and Triacylglycerol Levels in Mouse Models of Acute and Chronic Hyperlipidemia. <i>Lipids</i> , 2013, 48, 633-638.	1.7	44
12	<i>Glycosmis pentaphylla</i> (Retz.) DC arrests cell cycle and induces apoptosis via caspase-3/7 activation in breast cancer cells. <i>Journal of Ethnopharmacology</i> , 2015, 168, 50-60.	4.1	40
13	Effectiveness of clinical pharmacist intervention on health-related quality of life in chronic obstructive pulmonary disorder patients - a randomized controlled study. <i>Journal of Clinical Pharmacy and Therapeutics</i> , 2016, 41, 78-83.	1.5	30
14	Possible involvement of metformin in downregulation of neuroinflammation and associated behavioural changes in mice. <i>Inflammopharmacology</i> , 2019, 27, 941-948.	3.9	30
15	An appraisal of cinnamyl sulfonamide hydroxamate derivatives (HDAC inhibitors) for anti-cancer, anti-angiogenic and anti-metastatic activities in human cancer cells. <i>Chemico-Biological Interactions</i> , 2016, 253, 112-124.	4.0	27
16	Catechin ameliorates depressive symptoms in Sprague Dawley rats subjected to chronic unpredictable mild stress by decreasing oxidative stress. <i>Biomedical Reports</i> , 2019, 11, 79-84.	2.0	27
17	Effect of coffee constituents, caffeine and caffeic acid on anxiety and lipopolysaccharide-induced sickness behavior in mice. <i>Journal of Functional Foods</i> , 2020, 64, 103638.	3.4	27
18	Pharmacokinetic and pharmacodynamic evaluation of nasal liposome and nanoparticle based rivastigmine formulations in acute and chronic models of Alzheimer's disease. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , 2021, 394, 1737-1755.	3.0	27

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19	In vitro and in vivo evaluation of novel cinnamyl sulfonamide hydroxamate derivative against colon adenocarcinoma. <i>Chemico-Biological Interactions</i> , 2015, 233, 81-94.	4.0	26
20	A study on the role of (+)-catechin in suppression of HepG2 proliferation via caspase dependent pathway and enhancement of its in vitro and in vivo cytotoxic potential through liposomal formulation. <i>European Journal of Pharmaceutical Sciences</i> , 2013, 50, 353-365.	4.0	23
21	Does metronidazole reduce lipid peroxidation in burn injuries to promote healing?. <i>Burns</i> , 2002, 28, 427-429.	1.9	22
22	Modulatory effects of sesamol in dinitrochlorobenzene-induced inflammatory bowel disorder in albino rats. <i>Pharmacological Reports</i> , 2013, 65, 658-665.	3.3	21
23	In vitro and in vivo anticancer studies of 2'-hydroxy chalcone derivatives exhibit apoptosis in colon cancer cells by HDAC inhibition and cell cycle arrest. <i>EXCLI Journal</i> , 2017, 16, 448-463.	0.7	21
24	Protective Role of Catechin on d-Galactosamine Induced Hepatotoxicity Through a p53 Dependent Pathway. <i>Indian Journal of Clinical Biochemistry</i> , 2010, 25, 349-356.	1.9	20
25	Antioxidant, anti-inflammatory and anti-hyperglycaemic activities of heterocyclic homoprostanoid derivatives. <i>Bioorganic and Medicinal Chemistry</i> , 2011, 19, 384-392.	3.0	19
26	Formulation and characterisation of nanosuspensions of BCS class II and IV drugs by combinative method. <i>Journal of Experimental Nanoscience</i> , 2016, 11, 276-288.	2.4	18
27	Effect of Lecithin and silymarin on D-galactosamine induced toxicity in isolated hepatocytes and rats. <i>Indian Journal of Clinical Biochemistry</i> , 2010, 25, 169-174.	1.9	15
28	Dehydrozingerone protects temozolomide-induced cognitive impairment in normal and C6 glioma rats besides enhancing its anticancer potential. <i>3 Biotech</i> , 2020, 10, 438.	2.2	15
29	Preliminary investigation of cytotoxic potential of 2-quinolone derivatives using in vitro and in vivo (solid tumor and liquid tumor) models of cancer. <i>Arabian Journal of Chemistry</i> , 2014, 7, 409-417.	4.9	14
30	Evaluation of Novel 3-Hydroxyflavone Analogues as HDAC Inhibitors against Colorectal Cancer. <i>Advances in Pharmacological Sciences</i> , 2018, 2018, 1-14.	3.7	12
31	Synthesis and evaluation of selected 1,3,4-oxadiazole derivatives for in vitro cytotoxicity and in vivo anti-tumor activity. <i>Cytotechnology</i> , 2016, 68, 2553-2565.	1.6	11
32	PdCl <sub>2</sub> -catalyzed synthesis of a new class of isocoumarin derivatives containing aminosulfonyl / aminocarboxamide moiety: First identification of a isocoumarin based PDE4 inhibitor. <i>European Journal of Medicinal Chemistry</i> , 2021, 221, 113514.	5.5	11
33	Sonochemical synthesis of rosuvastatin based novel 3-methyleneisoindolin-1-one derivatives as potential anticancer agents. <i>Journal of Molecular Structure</i> , 2021, 1240, 130574.	3.6	9
34	Rosuvastatin based novel 3-substituted isocoumarins / 3-alkylideneisocoumarins: Ultrasound assisted synthesis and identification of new anticancer agents. <i>European Journal of Medicinal Chemistry</i> , 2020, 201, 112335.	5.5	8
35	In vitro mechanistic and in vivo anti-tumor studies of Glycosmis pentaphylla (Retz.) DC against breast cancer. <i>Journal of Ethnopharmacology</i> , 2016, 186, 159-168.	4.1	7
36	Iminoflavones Combat 1,2-Dimethyl Hydrazine-Induced Aberrant Crypt Foci Development in Colon Cancer. <i>BioMed Research International</i> , 2014, 2014, 1-7.	1.9	5

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37	Preclinical efficacy of a gastro-sparing novel thiazolidin-4-one in alleviating secondary lesions of polyarthritis: A multi-parametric approach. <i>European Journal of Pharmaceutical Sciences</i> , 2016, 91, 74-83.	4.0	4
38	Restoring chemo-sensitivity to temozolomide via targeted inhibition of poly (ADP-ribose) polymerase-1 by naringin in glioblastoma. <i>Chemical Papers</i> , 2021, 75, 4861-4871.	2.2	4
39	Temozolomide and Its Stability—A Critical Factor. <i>Advanced Science Letters</i> , 2017, 23, 1841-1845.	0.2	4
40	Selected novel 5'-amino-2'-hydroxy-1, 3-diaryl-2-propen-1-ones arrest cell cycle of HCT-116 in G0/G1 phase. <i>EXCLI Journal</i> , 2016, 15, 21-32.	0.7	4
41	What is the Role of Lithium in Epilepsy?. <i>Current Neuropharmacology</i> , 2022, 20, 1850-1864.	2.9	4
42	Nanoporous and nano thickness film-forming bioactive composition for biomedical applications. <i>Scientific Reports</i> , 2022, 12, 8198.	3.3	3
43	Evaluation of Hepatoprotective Effect of Aqueous Extract of <i>Schrebera swietenoides</i> Bark Against Carbon Tetrachloride-Induced Toxicity in Wistar Rats. <i>Advanced Science Letters</i> , 2017, 23, 1917-1920.	0.2	2
44	Evaluation of in vitro and in vivo anticancer potential of two 5-acetamido chalcones against breast cancer. <i>EXCLI Journal</i> , 2017, 16, 1150-1163.	0.7	2
45	Ultrasound assisted one-pot synthesis of rosvastatin based novel azaindole derivatives via coupling-cyclization strategy under Pd/Cu-catalysis: their evaluation as potential cytotoxic agents. <i>Bioorganic Chemistry</i> , 2022, , 105857.	4.1	2
46	Heterocyclic homoprostanoid derivative attenuates monoarthritis in rats: An in vitro and in vivo preclinical paradigm. <i>European Journal of Pharmaceutical Sciences</i> , 2018, 111, 320-329.	4.0	1
47	Amelioration of high-fat diet (HFD)+CCl4 induced NASH/NAFLD in CF-1 mice by activation of SIRT-1 using cinnamoyl sulfonamide hydroxamate derivatives: in-silico molecular modelling and in-vivo prediction. <i>3 Biotech</i> , 2022, 12, .	2.2	1