

# Karthik Gourishetti

## List of Publications by Year in descending order

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Version: 2024-02-01

33  
papers

512  
citations

840119

11  
h-index

713013

21  
g-index

34  
all docs

34  
docs citations

34  
times ranked

660  
citing authors

#	ARTICLE	IF	CITATIONS
1	Biochanin-A ameliorates pulmonary fibrosis by suppressing the TGF- $\beta$ 2 mediated EMT, myofibroblasts differentiation and collagen deposition in in vitro and in vivo systems. <i>Phytomedicine</i> , 2020, 78, 153298.	2.3	77
2	Catechin ameliorates doxorubicin-induced neuronal cytotoxicity in in vitro and episodic memory deficit in in vivo in Wistar rats. <i>Cytotechnology</i> , 2018, 70, 245-259.	0.7	45
3	Poly(N,N-diethyl acrylamide)/functionalized graphene quantum dots hydrogels loaded with doxorubicin as a nano-drug carrier for metastatic lung cancer in mice. <i>Materials Science and Engineering C</i> , 2019, 105, 110094.	3.8	45
4	&lt;p&gt;Sesamol-Loaded PLGA Nanosuspension for Accelerating Wound Healing in Diabetic Foot Ulcer in Rats&lt;/p&gt;. <i>International Journal of Nanomedicine</i> , 2020, Volume 15, 9265-9282.	3.3	38
5	Long circulating PEGylated-chitosan nanoparticles of rosuvastatin calcium: Development and in vitro and in vivo evaluations. <i>International Journal of Biological Macromolecules</i> , 2018, 107, 2190-2200.	3.6	35
6	The relevance of co-amorphous formulations to develop supersaturated dosage forms: In-vitro, and ex-vivo investigation of Ritonavir-Lopinavir co-amorphous materials. <i>European Journal of Pharmaceutical Sciences</i> , 2018, 123, 124-134.	1.9	30
7	Influence of Preparation Methods on Physicochemical and Pharmacokinetic Properties of Co-amorphous Formulations: The Case of Co-amorphous Atorvastatin: Naringin. <i>Journal of Pharmaceutical Innovation</i> , 2020, 15, 365-379.	1.1	30
8	Evaluation of the aphrodisiac potential of a chemically characterized aqueous extract of <i>Tamarindus indica</i> pulp. <i>Journal of Ethnopharmacology</i> , 2018, 210, 118-124.	2.0	24
9	Dehydrozingerone ameliorates Lipopolysaccharide induced acute respiratory distress syndrome by inhibiting cytokine storm, oxidative stress via modulating the MAPK/NF- $\kappa$ B pathway. <i>Phytomedicine</i> , 2021, 92, 153729.	2.3	23
10	Dehydrozingerone protects temozolomide-induced cognitive impairment in normal and C6 glioma rats besides enhancing its anticancer potential. <i>3 Biotech</i> , 2020, 10, 438.	1.1	15
11	<i>Terminalia tomentosa</i> Bark Ameliorates Inflammation and Arthritis in Carrageenan Induced Inflammatory Model and Freund's Adjuvant-Induced Arthritis Model in Rats. <i>Journal of Toxicology</i> , 2019, 2019, 1-11.	1.4	14
12	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
13	Rutin Protects against Doxorubicin-Induced Cognitive Dysfunction While Retaining the Anticancer Potential of Dox in a Murine Model of N-Methyl-N-Nitrosourea Induced Mammary Carcinoma. <i>Journal of Environmental Pathology, Toxicology and Oncology</i> , 2019, 38, 153-163.	0.6	12
14	Preclinical pharmacokinetics and biodistribution studies of asenapine maleate using novel and sensitive RP&lt;sup&gt;HPLC method. <i>Bioanalysis</i> , 2017, 9, 1037-1047.	0.6	11
15	Neuroprotective effect of Mulmina&trade; against chemotherapy&lt;sup&gt;induced cognitive decline in normal rats. <i>Biomedical Reports</i> , 2020, 14, 1-1.	0.9	11
16	Investigation of anti-inflammatory and anti-arthritic potentials of <i>Terminalia catappa</i> bark using in vitro assays and carrageenan-induced inflammation, complete Freund's adjuvant induced arthritis model in rats. <i>South African Journal of Botany</i> , 2021, 141, 313-321.	1.2	10
17	Biological activity of a small molecule indole analog, 1-[(1H-indol-3-yl)methylene]-2-phenylhydrazine (HMPH), in chronic inflammation. <i>Chemico-Biological Interactions</i> , 2016, 244, 71-83.	1.7	9
18	Role of Statins in New-onset Diabetes Mellitus: The Underlying Cause, Mechanisms Involved, and Strategies to Combat. <i>Current Drug Targets</i> , 2021, 22, 1121-1128.	1.0	8

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19	Supplementation of fenugreek with cholineâ€“docosahexaenoic acid attenuates menopause induced memory loss, BDNF and dendritic arborization in ovariectomized rats. <i>Anatomical Science International</i> , 2021, 96, 197-211.	0.5	7
20	Beta-Caryophyllene, a CB2R Selective Agonist, Protects Against Cognitive Impairment Caused by Neuro-inflammation and Not in Dementia Due to Ageing Induced by Mitochondrial Dysfunction. <i>CNS and Neurological Disorders - Drug Targets</i> , 2021, 20, 963-974.	0.8	7
21	Neuroprotective potential of methanolic extract of <i>Saraca asoca</i> bark against doxorubicin-induced neurotoxicity. <i>Pharmacognosy Magazine</i> , 2019, 15, 309.	0.3	7
22	Naringin ameliorates doxorubicin-induced neurotoxicity In vitro and cognitive dysfunction In vivo. <i>Pharmacognosy Magazine</i> , 2018, 14, 197.	0.3	7
23	In vivo Evaluation of Two Thiazolidin-4-one Derivatives in High Sucrose Diet Fed Pre-diabetic Mice and Their Modulatory Effect on AMPK, Akt and p38 MAP Kinase in L6 Cells. <i>Frontiers in Pharmacology</i> , 2016, 7, 381.	1.6	5
24	Histone Deacetylase Inhibitors Prevented the Development of Morphine Tolerance by Decreasing IL6 Production and Upregulating $\mu$ -Opioid Receptors. <i>CNS and Neurological Disorders - Drug Targets</i> , 2021, 20, 190-198.	0.8	5
25	Osteogenic activity of resveratrol in human fetal osteoblast cells. <i>Pharmacognosy Magazine</i> , 2019, 15, 250.	0.3	5
26	Assessment of female rats for studying episodic memory and its deficit associated with doxorubicinâ€“induced chemobrain. <i>Clinical and Experimental Pharmacology and Physiology</i> , 2016, 43, 644-646.	0.9	4
27	Botrops derived hemocoagulase formulation a probable agent for diabetic wound healing. <i>3 Biotech</i> , 2020, 10, 443.	1.1	3
28	Sesamol protects MIN6 pancreatic beta cells against simvastatin-induced toxicity by restoring mitochondrial membrane potentials. <i>3 Biotech</i> , 2020, 10, 149.	1.1	3
29	Diabetic wound healing approaches: an update. <i>Journal of Basic and Clinical Physiology and Pharmacology</i> , 2022, .	0.7	3
30	Medhya Rasayana Restores Memory Function against Doxorubicin-induced Cognitive Decline: Possibly by its Neuroprotective Effect. <i>Indian Journal of Pharmaceutical Education and Research</i> , 2019, 53, s104-s111.	0.3	2
31	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.	0.5	2
32	Anti-metastatic and Anticancer Potentials of Synthesized Chalcones in B16-F10 Melanoma Cells Induced Metastatic Lung Cancer in C57BL/6 Mice. <i>Indian Journal of Pharmaceutical Education and Research</i> , 2021, 55, S742-S750.	0.3	2
33	Evaluation of Hepatoprotective Effect of a Polyherbal Megakutki against Paracetamol-Induced Hepatotoxicity. <i>Indian Journal of Pharmaceutical Education and Research</i> , 2020, 54, 1080-1088.	0.3	0