

Raghunandha Kumar Subramanian

List of Publications by Year in descending order

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Version: 2024-02-01

43
papers

1,065
citations

471509

17
h-index

414414

32
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43
all docs

43
docs citations

43
times ranked

1383
citing authors

#	ARTICLE	IF	CITATIONS
1	Quercetin Inhibits the Epithelial to Mesenchymal Transition through Suppressing Akt Mediated Nuclear Translocation of β -Catenin in Lung Cancer Cell Line. <i>Nutrition and Cancer</i> , 2022, 74, 1894-1906.	2.0	14
2	Frontier and perspective outlook on agrowaste nanoparticles for healthcare and environment. , 2022, , 563-576.		0
3	A flavonoid rich standardized extract of <i>Glycyrrhiza glabra</i> protects intestinal epithelial barrier function and regulates the tight-junction proteins expression. <i>BMC Complementary Medicine and Therapies</i> , 2022, 22, 38.	2.7	5
4	Baicalein inhibits cell proliferation and enhances apoptosis in human A549 cells and benzo(a)pyrene-induced pulmonary carcinogenesis in mice. <i>Journal of Biochemical and Molecular Toxicology</i> , 2022, , e23053.	3.0	2
5	Solvent-driven thiol protected luminescent cobalt nanoclusters. <i>Journal of Molecular Liquids</i> , 2022, 354, 118857.	4.9	3
6	Potential pre-treatment of lignocellulosic biomass for the enhancement of biomethane production through anaerobic digestion- A review. <i>Fuel</i> , 2022, 318, 123593.	6.4	27
7	One-Pot Assembly for Synthesis of 1,4-Dihydropyridine Scaffold and Their Biological Applications. <i>Polycyclic Aromatic Compounds</i> , 2021, 41, 1495-1505.	2.6	25
8	Zebrafish as a potential biomaterial testing platform for bone tissue engineering application: A special note on chitosan based bioactive materials. <i>International Journal of Biological Macromolecules</i> , 2021, 175, 379-395.	7.5	10
9	MicroRNA-432-5p regulates sprouting and intussusceptive angiogenesis in osteosarcoma microenvironment by targeting PDGFB. <i>Laboratory Investigation</i> , 2021, 101, 1011-1025.	3.7	12
10	Carbon Nanotubes Induce Metabolomic Profile Disturbances in Zebrafish: NMR-Based Metabolomics Platform. <i>Frontiers in Molecular Biosciences</i> , 2021, 8, 688827.	3.5	12
11	Ferulic acid-Cu(II) and Zn(II) complexes promote bone formation. <i>Process Biochemistry</i> , 2021, 107, 145-152.	3.7	4
12	Metabolic annotation, interactions and characterization of natural products of mango (<i>Mangifera</i>) Tj ETQq0 0 0 rgBT/Overlock 10 Tf 50	3.7	7
13	Rutin-Zn(II) complex promotes bone formation - A concise assessment in human dental pulp stem cells and zebrafish. <i>Chemico-Biological Interactions</i> , 2021, 349, 109674.	4.0	12
14	Boldine treatment protects acetaminophen-induced liver inflammation and acute hepatic necrosis in mice. <i>Journal of Biochemical and Molecular Toxicology</i> , 2021, 35, e22697.	3.0	12
15	LncRNA MALAT1 Promotes Tumor Angiogenesis by Regulating MicroRNA-150-5p/VEGFA Signaling in Osteosarcoma: In-Vitro and In-Vivo Analyses. <i>Frontiers in Oncology</i> , 2021, 11, 742789.	2.8	26
16	N6-adenosine methylation (m6A): a promising new molecular target in hypertension and cardiovascular diseases. <i>Hypertension Research</i> , 2020, 43, 153-154.	2.7	77
17	Implications of m6A modification in autoimmune disorders. <i>Cellular and Molecular Immunology</i> , 2020, 17, 550-551.	10.5	31
18	Ultra-radiant photoluminescence of glutathione rigidified reduced carbon quantum dots (r-CQDs) derived from ice-biryani for in vitro and in vivo bioimaging applications. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2020, 586, 124266.	4.7	22

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19	Melatonin regulates tumor angiogenesis via miR-424-5p/VEGFA signaling pathway in osteosarcoma. <i>Life Sciences</i> , 2020, 256, 118011.	4.3	30
20	A novel COVID-19 and its effects on cardiovascular disease. <i>Hypertension Research</i> , 2020, 43, 729-730.	2.7	45
21	Physio-biochemical responses of Indian major carp <i>Catla catla</i> upon sub-chronic exposure to tin oxide nanoparticles. <i>Egyptian Journal of Aquatic Biology and Fisheries</i> , 2020, 24, 509-520.	0.4	4
22	Cytotoxic potentials of silibinin assisted silver nanoparticles on human colorectal HT-29 cancer cells. <i>Bioinformation</i> , 2020, 16, 817-827.	0.5	2
23	Anticancer effects and lysosomal acidification in A549 cells by astaxanthin from <i>Haematococcus lacustris</i> . <i>Bioinformation</i> , 2020, 16, 965-973.	0.5	4
24	Hesperidin inhibits cell proliferation and induces mitochondrial-mediated apoptosis in human lung cancer cells through down regulation of β -catenin/c-myc. <i>Biocatalysis and Agricultural Biotechnology</i> , 2019, 18, 101065.	3.1	9
25	Enhancement of α -amylase production in pelleted <i>Aspergillus tamarii</i> through optimization for desizing of cotton fabric. <i>Journal of Environmental Biology</i> , 2019, 40, 1084-1093.	0.5	4
26	Uncoupling Warburg effect and stemness in CD133+ve cancer stem cells from Saos-2 (osteosarcoma) cell line under hypoxia. <i>Molecular Biology Reports</i> , 2018, 45, 1653-1662.	2.3	10
27	Thymoquinone inhibits the migration of mouse neuroblastoma (Neuro-2a) cells by down-regulating MMP-2 and MMP-9. <i>Chinese Journal of Natural Medicines</i> , 2016, 14, 904-912.	1.3	18
28	In Vitro Anti-Neuroblastoma Activity of Thymoquinone Against Neuro-2a Cells via Cell-cycle Arrest. <i>Asian Pacific Journal of Cancer Prevention</i> , 2016, 16, 8313-8319.	1.2	13
29	The Anticancer Role of Capsaicin in Experimentally induced Lung Carcinogenesis. <i>Journal of Pharmacopuncture</i> , 2015, 18, 19-25.	1.1	37
30	Mitigating role of baicalein on lysosomal enzymes and xenobiotic metabolizing enzyme status during lung carcinogenesis of Swiss albino mice induced by benzo(a)pyrene. <i>Fundamental and Clinical Pharmacology</i> , 2014, 28, 310-322.	1.9	16
31	Baicalein Abrogates Reactive Oxygen Species (ROS)-mediated Mitochondrial Dysfunction during Experimental Pulmonary Carcinogenesis <i>In Vivo</i> . <i>Basic and Clinical Pharmacology and Toxicology</i> , 2013, 112, 270-281.	2.5	33
32	Thymoquinone inhibits cell proliferation through regulation of G1/S phase cell cycle transition in N-nitrosodiethylamine-induced experimental rat hepatocellular carcinoma. <i>Toxicology Letters</i> , 2013, 223, 60-72.	0.8	66
33	Geraniol modulates tongue and hepatic phase I and phase II conjugation activities and may contribute directly to the chemopreventive activity against experimental oral carcinogenesis. <i>European Journal of Pharmacology</i> , 2013, 705, 148-155.	3.5	32
34	Capsaicin inhibits benzo(a)pyrene-induced lung carcinogenesis in an in vivo mouse model. <i>Inflammation Research</i> , 2012, 61, 1169-1175.	4.0	61
35	Anti-cancer effects of thymoquinone in mouse neuroblastoma (Neuro-2a) cells through caspase-3 activation with down-regulation of XIAP. <i>Toxicology Letters</i> , 2012, 213, 151-159.	0.8	65
36	Potent antitumor and antineoplastic efficacy of baicalein on benzo(a)pyrene-induced experimental pulmonary tumorigenesis. <i>Fundamental and Clinical Pharmacology</i> , 2012, 26, 259-270.	1.9	22

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37	Baicalein improves antioxidant status and membrane-bound enzymes during oxidative stress in benzo(a)pyrene-induced lung carcinogenesis in mice. <i>Biomedicine and Preventive Nutrition</i> , 2012, 2, 138-144.	0.9	8
38	In vitro anticancer and anti-angiogenic effects of thymoquinone in mouse neuroblastoma cells (Neuro-2a). <i>Biomedicine and Preventive Nutrition</i> , 2012, 2, 283-286.	0.9	7
39	Induction of apoptosis in mouse neuroblastoma (Neuro-2a) cells by thymoquinone. <i>Biomedicine and Preventive Nutrition</i> , 2012, 2, 223-227.	0.9	0
40	Baicalein inhibits pulmonary carcinogenesis-associated inflammation and interferes with COX-2, MMP-2 and MMP-9 expressions in-vivo. <i>Toxicology and Applied Pharmacology</i> , 2012, 261, 10-21.	2.8	65
41	Potential preventive effect of carvacrol against diethylnitrosamine-induced hepatocellular carcinoma in rats. <i>Molecular and Cellular Biochemistry</i> , 2012, 360, 51-60.	3.1	162
42	Antiproliferative and antioxidant potential of beta-ionone against benzo(a)pyrene-induced lung carcinogenesis in Swiss albino mice. <i>Molecular and Cellular Biochemistry</i> , 2012, 363, 335-345.	3.1	51
43	Cerium oxide nanoparticles induced physio-biochemical, neurochemical, and morphological responses in <i>Cirrhinus mrigala</i> during short term exposure. <i>Asia-Pacific Journal of Molecular Biology and Biotechnology</i> , 0, , 51-61.	0.1	0