

# Rukkumani Rajagopalan

## List of Publications by Year in descending order

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38  
papers

775  
citations

516215

16  
h-index

525886

27  
g-index

39  
all docs

39  
docs citations

39  
times ranked

1191  
citing authors

#	ARTICLE	IF	CITATIONS
1	Polysaccharide-Drug Conjugates: A Tool for Enhanced Cancer Therapy. <i>Polymers</i> , 2022, 14, 950.	2.0	19
2	A novel anticancer chromeno-pyrimidine analogue inhibits epithelial-mesenchymal transition in lung adenocarcinoma cells. <i>Toxicology Mechanisms and Methods</i> , 2021, 31, 401-412.	1.3	3
3	Synthetic curcumin analog: inhibiting the invasion, angiogenesis, and metastasis in human laryngeal carcinoma cells via NF- $\kappa$ B pathway. <i>Molecular Biology Reports</i> , 2021, 48, 6065-6074.	1.0	13
4	Epigenetic modulation and apoptotic induction by a novel imidazo-benzamide derivative in human lung adenocarcinoma cells. <i>DARU, Journal of Pharmaceutical Sciences</i> , 2021, 29, 377-387.	0.9	2
5	Enhanced drug retention, sustained release, and anti-cancer potential of curcumin and indole-curcumin analog-loaded polysorbate 80-stabilized PLGA nanoparticles in colon cancer cell line SW480. <i>International Journal of Pharmaceutics</i> , 2020, 588, 119738.	2.6	27
6	Redox Nano-Architectures: Perspectives and Implications in Diagnosis and Treatment of Human Diseases. <i>Antioxidants and Redox Signaling</i> , 2019, 30, 762-785.	2.5	7
7	Stabilizers influence drug-polymer interactions and physicochemical properties of disulfiram-loaded poly-lactide-co-glycolide nanoparticles. <i>Future Science OA</i> , 2018, 4, FSO263.	0.9	10
8	Inhibition of metastasis and angiogenesis in Hep-2 cells by wheatgrass extract – an in vitro and in silico approach. <i>Toxicology Mechanisms and Methods</i> , 2018, 28, 205-218.	1.3	13
9	Disulfiram and disulfiram-loaded poly-[lactide-co-glycolic acid] nanoparticles modulate metastatic markers and proteasomal activity in hepatocarcinoma Hep3b cell line. <i>European Journal of Nanomedicine</i> , 2017, 9, .	0.6	1
10	In-silico and in-vitro anti-cancer potential of a curcumin analogue (1E, 6E)-1, 7-di (1H-indol-3-yl) hepta-1, 6-diene-3, 5-dione. <i>Biomedicine and Pharmacotherapy</i> , 2017, 85, 389-398.	2.5	25
11	Using microsensors to promote the development of innovative therapeutic nanostructures. , 2017, , 539-566.		5
12	Anti-proliferative and apoptosis-triggering potential of disulfiram and disulfiram-loaded polysorbate 80-stabilized PLGA nanoparticles on hepatocellular carcinoma Hep3B cell line. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2016, 12, 1641-1650.	1.7	27
13	Hypoglycaemic role of wheatgrass and its effect on carbohydrate metabolic enzymes in type II diabetic rats. <i>Toxicology and Industrial Health</i> , 2016, 32, 1026-1032.	0.6	7
14	Methanol extract of wheatgrass induces G1 cell cycle arrest in a p53-dependent manner and down regulates the expression of cyclin D1 in human laryngeal cancer cells-an in vitro and in silico approach. <i>Pharmacognosy Magazine</i> , 2015, 11, 139.	0.3	10
15	Hepatoprotective Role of Wheatgrass on Alcohol and $\omega$ -3 PUFA-Induced Oxidative Stress in Rats. <i>Journal of Dietary Supplements</i> , 2015, 12, 126-137.	1.4	3
16	BDMC-A, an analog of curcumin, inhibits markers of invasion, angiogenesis, and metastasis in breast cancer cells via NF- $\kappa$ B pathway – A comparative study with curcumin. <i>Biomedicine and Pharmacotherapy</i> , 2015, 74, 178-186.	2.5	29
17	Influence of stabilizers on the production of disulfiram-loaded poly(lactic-co-glycolic acid) nanoparticles and their anticancer potential. <i>Therapeutic Delivery</i> , 2015, 6, 17-25.	1.2	12
18	miRNA-24 and miRNA-466i-5p controls inflammation in rat hepatocytes. <i>Cellular and Molecular Immunology</i> , 2015, 12, 113-115.	4.8	19

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19	Antiproliferative and Apoptotic Effects of <i>Sesbania grandiflora</i> Leaves in Human Cancer Cells. <i>BioMed Research International</i> , 2014, 2014, 1-11.	0.9	73
20	Phytochemical screening and analysis of antioxidant properties of aqueous extract of wheatgrass. <i>Asian Pacific Journal of Tropical Medicine</i> , 2014, 7, S398-S404.	0.4	36
21	Hepatoprotective role of kaempferol during alcohol- and <sup>17</sup> PUFA-induced oxidative stress. <i>Journal of Basic and Clinical Physiology and Pharmacology</i> , 2014, 25, 73-79.	0.7	21
22	Apoptosis induction by an analog of curcumin (BDMC-A) in human laryngeal carcinoma cells through intrinsic and extrinsic pathways. <i>Cellular Oncology (Dordrecht)</i> , 2014, 37, 439-454.	2.1	25
23	Effect of Wheatgrass on Membrane Fatty Acid Composition During Hepatotoxicity Induced by Alcohol and Heated PUFA. <i>Journal of Membrane Biology</i> , 2014, 247, 515-521.	1.0	4
24	Mechanism of apoptotic induction in human breast cancer cell, MCF-7, by an analog of curcumin in comparison with curcumin – An in vitro and in silico approach. <i>Chemico-Biological Interactions</i> , 2014, 210, 51-63.	1.7	47
25	Antiproliferative Effects of an Analog of Curcumin in Hep-2 cells: A Comparative Study with Curcumin. <i>Natural Product Communications</i> , 2013, 8, 1934578X1300800.	0.2	10
26	Hepatoprotective role of bis-demethoxy curcumin analog on the expression of matrix metalloproteinase induced by alcohol and polyunsaturated fatty acid in rats. <i>Toxicology Mechanisms and Methods</i> , 2010, 20, 252-259.	1.3	18
27	Role of an Aminothiazole Derivative on Ethanol-Induced Toxicity. <i>Toxicology Mechanisms and Methods</i> , 2007, 17, 33-40.	1.3	6
28	Recombinant fusion proteins TAT-Mu, Mu and Mu-Mu mediate efficient non-viral gene delivery. <i>Journal of Gene Medicine</i> , 2007, 9, 275-286.	1.4	40
29	Changes in Activities of MMP in Alcohol and Thermally Oxidized Sunflower Oil-Induced Liver Damage: NAC Antioxidant Therapy. <i>Toxicology Mechanisms and Methods</i> , 2006, 16, 267-274.	1.3	10
30	Ferulic Acid, a Natural Phenolic Antioxidant Modulates Altered Lipid Profiles During Alcohol and Thermally Oxidized Sunflower Oil Induced Toxicity. <i>Journal of Nutraceuticals, Functional and Medical Foods</i> , 2005, 4, 119-132.	0.5	5
31	Comparative Effects of Curcumin and an Analogue of Curcumin in Carbon Tetrachloride-Induced Hepatotoxicity in Rats. <i>Basic and Clinical Pharmacology and Toxicology</i> , 2005, 97, 15-21.	1.2	50
32	Expression Pattern of Matrix Metalloproteinases in Alcohol- and Thermally Oxidized Sunflower Oil-Induced Toxicity: Protective Role of an Aminothiazole Derivative. <i>Journal of Medicinal Food</i> , 2005, 8, 242-245.	0.8	0
33	Effect of Ethanol and Thermally Oxidized Sunflower Oil Ingestion on Phospholipid Fatty Acid Composition of Rat Liver: Protective Role of <i>Cuminum cyminum</i> . <i>Annals of Nutrition and Metabolism</i> , 2005, 49, 300-303.	1.0	12
34	Comparative Effects of Curcumin and Its Analog on Alcohol- and Polyunsaturated Fatty Acid-Induced Alterations in Circulatory Lipid Profiles. <i>Journal of Medicinal Food</i> , 2005, 8, 256-260.	0.8	19
35	Influence of a thiazole derivative on ethanol and thermally oxidized sunflower oil-induced oxidative stress. <i>Fundamental and Clinical Pharmacology</i> , 2004, 18, 565-571.	1.0	10
36	Hepatoprotective Role of Ferulic Acid: A Dose-Dependent Study. <i>Journal of Medicinal Food</i> , 2004, 7, 456-461.	0.8	69

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37	Comparative effects of curcumin and an analog of curcumin on alcohol and PUFA induced oxidative stress. <i>Journal of Pharmacy and Pharmaceutical Sciences</i> , 2004, 7, 274-83.	0.9	79
38	Curcumin influences hepatic expression patterns of matrix metalloproteinases in liver toxicity. <i>Italian Journal of Biochemistry</i> , 2004, 53, 61-6.	0.3	9