

Maryam Majidinia

List of Publications by Year in descending order

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Version: 2024-02-01

95
papers

4,151
citations

94381

37
h-index

128225

60
g-index

95
all docs

95
docs citations

95
times ranked

6549
citing authors

#	ARTICLE	IF	CITATIONS
1	The roles of signaling pathways in bone repair and regeneration. <i>Journal of Cellular Physiology</i> , 2018, 233, 2937-2948.	2.0	290
2	The global, regional, and national burden of colorectal cancer and its attributable risk factors in 195 countries and territories, 1990–2017: a systematic analysis for the Global Burden of Disease Study 2017. <i>The Lancet Gastroenterology and Hepatology</i> , 2019, 4, 913-933.	3.7	259
3	RAS/MAPK signaling functions in oxidative stress, DNA damage response and cancer progression. <i>Journal of Cellular Physiology</i> , 2019, 234, 14951-14965.	2.0	188
4	Quercetin: A functional dietary flavonoid with potential chemopreventive properties in colorectal cancer. <i>Journal of Cellular Physiology</i> , 2018, 233, 6544-6560.	2.0	135
5	Melatonin: A pleiotropic molecule that modulates DNA damage response and repair pathways. <i>Journal of Pineal Research</i> , 2017, 63, e12416.	3.4	132
6	Long non-coding RNAs in cancer drug resistance development. <i>DNA Repair</i> , 2016, 45, 25-33.	1.3	109
7	The crosstalk between Wnt/ β -catenin signaling pathway with DNA damage response and oxidative stress: Implications in cancer therapy. <i>DNA Repair</i> , 2017, 51, 14-19.	1.3	100
8	Melatonin in regulation of inflammatory pathways in rheumatoid arthritis and osteoarthritis: involvement of circadian clock genes. <i>British Journal of Pharmacology</i> , 2018, 175, 3230-3238.	2.7	99
9	Overcoming multidrug resistance in cancer: Recent progress in nanotechnology and new horizons. <i>IUBMB Life</i> , 2020, 72, 855-871.	1.5	98
10	The roles of Wnt/ β -catenin pathway in tissue development and regenerative medicine. <i>Journal of Cellular Physiology</i> , 2018, 233, 5598-5612.	2.0	95
11	The roles of non-coding RNAs in Parkinson's disease. <i>Molecular Biology Reports</i> , 2016, 43, 1193-1204.	1.0	91
12	53BP1: A key player of DNA damage response with critical functions in cancer. <i>DNA Repair</i> , 2019, 73, 110-119.	1.3	89
13	CRISPR/Cas9 technology as a potent molecular tool for gene therapy. <i>Journal of Cellular Physiology</i> , 2019, 234, 12267-12277.	2.0	87
14	The role of melatonin, a multitasking molecule, in retarding the processes of ageing. <i>Ageing Research Reviews</i> , 2018, 47, 198-213.	5.0	84
15	Multiple Functions of Long Non-Coding RNAs in Oxidative Stress, DNA Damage Response and Cancer Progression. <i>Journal of Cellular Biochemistry</i> , 2018, 119, 223-236.	1.2	82
16	Nanocrystalline cellulose: Preparation, physicochemical properties, and applications in drug delivery systems. <i>International Journal of Biological Macromolecules</i> , 2019, 133, 850-859.	3.6	81
17	Therapeutic potential of polyphenols in cardiovascular diseases: Regulation of mTOR signaling pathway. <i>Pharmacological Research</i> , 2020, 152, 104626.	3.1	77
18	DNA repair and damage pathways in breast cancer development and therapy. <i>DNA Repair</i> , 2017, 54, 22-29.	1.3	76

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19	DNA damage response regulation by microRNAs as a therapeutic target in cancer. <i>DNA Repair</i> , 2016, 47, 1-11.	1.3	70
20	The multiple functions of melatonin in regenerative medicine. <i>Ageing Research Reviews</i> , 2018, 45, 33-52.	5.0	70
21	MicroRNAs in breast cancer: Roles, functions, and mechanism of actions. <i>Journal of Cellular Physiology</i> , 2020, 235, 5008-5029.	2.0	68
22	Targeting PI3K/Akt/mTOR signaling pathway by polyphenols: Implication for cancer therapy. <i>Life Sciences</i> , 2020, 255, 117481.	2.0	64
23	DNA damage response and repair in colorectal cancer: Defects, regulation and therapeutic implications. <i>DNA Repair</i> , 2018, 69, 34-52.	1.3	59
24	Breast tumor stroma: A driving force in the development of resistance to therapies. <i>Chemical Biology and Drug Design</i> , 2017, 89, 309-318.	1.5	58
25	Exosomes: natural nanoparticles as bio shuttles for RNAi delivery. <i>Journal of Controlled Release</i> , 2018, 289, 158-170.	4.8	57
26	Quercetin attenuated oxidative DNA damage through NRF2 signaling pathway in rats with DMH induced colon carcinogenesis. <i>Life Sciences</i> , 2020, 253, 117584.	2.0	55
27	MiRNAs and inflammatory bowel disease: An interesting new story. <i>Journal of Cellular Physiology</i> , 2019, 234, 3277-3293.	2.0	54
28	Polyphenols: Major regulators of key components of DNA damage response in cancer. <i>DNA Repair</i> , 2019, 82, 102679.	1.3	52
29	Crosstalk between Phosphoinositide 3-kinase/Akt signaling pathway with DNA damage response and oxidative stress in cancer. <i>Journal of Cellular Biochemistry</i> , 2019, 120, 10248-10272.	1.2	52
30	Natural products, PGC-1, and Duchenne muscular dystrophy. <i>Acta Pharmaceutica Sinica B</i> , 2020, 10, 734-745.	5.7	48
31	The roles of signaling pathways in liver repair and regeneration. <i>Journal of Cellular Physiology</i> , 2019, 234, 14966-14974.	2.0	46
32	Crosstalk between miRNA and PI3K/AKT/mTOR signaling pathway in cancer. <i>Life Sciences</i> , 2021, 285, 119984.	2.0	46
33	Ovarian cancer stem cell: A potential therapeutic target for overcoming multidrug resistance. <i>Journal of Cellular Physiology</i> , 2019, 234, 3238-3253.	2.0	43
34	MicroRNAs and colorectal cancer chemoresistance: New solution for old problem. <i>Life Sciences</i> , 2020, 259, 118255.	2.0	42
35	Balaglitazone reverses P-glycoprotein-mediated multidrug resistance via upregulation of PTEN in a PPAR γ -dependent manner in leukemia cells. <i>Tumor Biology</i> , 2017, 39, 101042831771650.	0.8	41
36	Effect of Root Extracts of Medicinal Herb <i>Glycyrrhiza glabra</i> on HSP90 Gene Expression and Apoptosis in the HT-29 Colon Cancer Cell Line. <i>Asian Pacific Journal of Cancer Prevention</i> , 2016, 16, 8563-8566.	0.5	41

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37	Critical roles of long noncoding RNAs in breast cancer. <i>Journal of Cellular Physiology</i> , 2020, 235, 5059-5071.	2.0	38
38	Downregulation of Notch Signaling Pathway as an Effective Chemosensitizer for Cancer Treatment. <i>Drug Research</i> , 2016, 66, 571-579.	0.7	34
39	Peroxisome Proliferator-Activated Receptors and their Ligands in Cancer Drug- Resistance: Opportunity or Challenge. <i>Anti-Cancer Agents in Medicinal Chemistry</i> , 2016, 16, 1541-1548.	0.9	34
40	Combination of exercise training and l-arginine reverses aging process through suppression of oxidative stress, inflammation, and apoptosis in the rat heart. <i>Pflugers Archiv European Journal of Physiology</i> , 2020, 472, 169-178.	1.3	33
41	New insights into the roles and regulation of SphK2 as a therapeutic target in cancer chemoresistance. <i>Journal of Cellular Physiology</i> , 2019, 234, 8162-8181.	2.0	31
42	Graphene oxide and reduced graphene oxide: Efficient cargo platforms for cancer theranostics. <i>Journal of Drug Delivery Science and Technology</i> , 2020, 60, 101974.	1.4	31
43	Anti-arrhythmic effect of diosgenin in reperfusion-induced myocardial injury in a rat model: activation of nitric oxide system and mitochondrial KATP channel. <i>Journal of Physiological Sciences</i> , 2014, 64, 393-400.	0.9	30
44	Cross-regulation between Notch signaling pathway and miRNA machinery in cancer. <i>DNA Repair</i> , 2018, 66-67, 30-41.	1.3	30
45	DNA damage response and repair in ovarian cancer: Potential targets for therapeutic strategies. <i>DNA Repair</i> , 2019, 80, 59-84.	1.3	30
46	Preparation and in-vitro evaluation of pH-responsive cationic cyclodextrin coated magnetic nanoparticles for delivery of methotrexate to the Saos-2 bone cancer cells. <i>Journal of Drug Delivery Science and Technology</i> , 2020, 57, 101584.	1.4	30
47	In vitro and in vivo anticancer effects of syringic acid on colorectal cancer: Possible mechanistic view. <i>Chemico-Biological Interactions</i> , 2021, 337, 109337.	1.7	30
48	Targeting miRNAs by polyphenols: Novel therapeutic strategy for aging. <i>Biochemical Pharmacology</i> , 2020, 173, 113688.	2.0	29
49	Stabilization of telomere by the antioxidant property of polyphenols: Anti-aging potential. <i>Life Sciences</i> , 2020, 259, 118341.	2.0	29
50	Etiologic Agents of Otomycosis in the North-Western Area of Iran. <i>Jundishapur Journal of Microbiology</i> , 2015, 8, e21776.	0.2	28
51	Melatonin: An important anticancer agent in colorectal cancer. <i>Journal of Cellular Physiology</i> , 2020, 235, 804-817.	2.0	28
52	The roles of FGF21 in atherosclerosis pathogenesis. <i>Reviews in Endocrine and Metabolic Disorders</i> , 2019, 20, 103-114.	2.6	27
53	MicroRNAs, DNA damage response and ageing. <i>Biogerontology</i> , 2020, 21, 275-291.	2.0	27
54	Targeting STATs in neuroinflammation: The road less traveled!. <i>Pharmacological Research</i> , 2019, 141, 73-84.	3.1	26

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55	Suppression of p53R2 gene expression with specific siRNA sensitizes HepG2 cells to doxorubicin. <i>Gene</i> , 2018, 642, 249-255.	1.0	25
56	The effects of Ramadan fasting on endothelial function in patients with cardiovascular diseases. <i>European Journal of Clinical Nutrition</i> , 2014, 68, 835-839.	1.3	24
57	Crosstalk between P53 and DNA damage response in ageing. <i>DNA Repair</i> , 2019, 80, 8-15.	1.3	24
58	The importance of miRNAs and epigenetics in acute lymphoblastic leukemia prognosis. <i>Journal of Cellular Physiology</i> , 2019, 234, 3216-3230.	2.0	24
59	CRISPR/Cas9 novel therapeutic road for the treatment of neurodegenerative diseases. <i>Life Sciences</i> , 2020, 259, 118165.	2.0	24
60	Co-inhibition of Notch and NF- κ B Signaling Pathway Decreases Proliferation through Downregulating β - cat and Hes-1 Expression in Human Ovarian Cancer OVCAR-3 Cells. <i>Drug Research</i> , 2017, 67, 13-19.	0.7	23
61	Combination of quercetin and exercise training attenuates depression in rats with 1,2-dimethylhydrazine-induced colorectal cancer: Possible involvement of inflammation and BDNF signalling. <i>Experimental Physiology</i> , 2020, 105, 1598-1609.	0.9	22
62	Toll-like receptors as novel therapeutic targets for herpes simplex virus infection. <i>Reviews in Medical Virology</i> , 2019, 29, e2048.	3.9	18
63	Melatonin: An atypical hormone with major functions in the regulation of angiogenesis. <i>IUBMB Life</i> , 2020, 72, 1560-1584.	1.5	17
64	Melatonin-mediated regulation of autophagy: Making sense of double-edged sword in cancer. <i>Journal of Cellular Physiology</i> , 2019, 234, 17011-17022.	2.0	16
65	Molecular mechanisms involved in DNA repair in human cancers: An overview of PI3k/Akt signaling and PIKKs crosstalk. <i>Journal of Cellular Physiology</i> , 2022, 237, 313-328.	2.0	15
66	Is there association between ABO blood group and the risk factors of unfavorable outcomes of pregnancy?. <i>Journal of Maternal-Fetal and Neonatal Medicine</i> , 2015, 28, 578-582.	0.7	14
67	Modulation of telomerase expression and function by miRNAs: Anti-cancer potential. <i>Life Sciences</i> , 2020, 259, 118387.	2.0	14
68	Attenuation of chronic arsenic neurotoxicity via melatonin in male offspring of maternal rats exposed to arsenic during conception: Involvement of oxidative DNA damage and inflammatory signaling cascades. <i>Life Sciences</i> , 2021, 266, 118876.	2.0	14
69	The importance of co-delivery of nanoparticle-siRNA and anticancer agents in cancer therapy. <i>Chemical Biology and Drug Design</i> , 2021, 97, 997-1015.	1.5	14
70	DNA damage response and breast cancer development: Possible therapeutic applications of ATR, ATM, PARP, BRCA1 inhibition. <i>DNA Repair</i> , 2021, 98, 103032.	1.3	13
71	Metoprolol Improves Endothelial Function in Patients with Cardiac Syndrome X. <i>Iranian Journal of Pharmaceutical Research</i> , 2016, 15, 561-566.	0.3	13
72	SIRT1: a promising therapeutic target in type 2 diabetes mellitus. <i>Archives of Physiology and Biochemistry</i> , 2024, 130, 13-28.	1.0	12

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73	The modulatory effects of exercise on the inflammatory and apoptotic markers in rats with 1,2-dimethylhydrazine-induced colorectal cancer. <i>Canadian Journal of Physiology and Pharmacology</i> , 2020, 98, 147-155.	0.7	11
74	Doxorubicin loaded magnetism nanoparticles based on cyclodextrin dendritic-graphene oxide inhibited MCF-7 cell proliferation. <i>Biomolecular Concepts</i> , 2021, 12, 8-15.	1.0	11
75	The cross-talk between signaling pathways, noncoding RNAs and DNA damage response: Emerging players in cancer progression. <i>DNA Repair</i> , 2021, 98, 103036.	1.3	11
76	Melatonin: a pleiotropic hormone as a novel potent therapeutic candidate in arsenic toxicity. <i>Molecular Biology Reports</i> , 2021, 48, 6603-6618.	1.0	11
77	Lack of significant association between <i>Helicobacter pylori</i> infection and homocysteine levels in patients with cardiac syndrome X. <i>Cardiology Journal</i> , 2012, 19, 466-469.	0.5	11
78	Melatonin increases 5-fluorouracil-mediated apoptosis of colorectal cancer cells through enhancing oxidative stress and downregulating survivin and XIAP. <i>BiolImpacts</i> , 2020, 11, 253-261.	0.7	11
79	Effects of Ramadan Fasting on Serum Amyloid A and Protein Carbonyl Group Levels in Patients With Cardiovascular Diseases. <i>Journal of Cardiovascular and Thoracic Research</i> , 2015, 7, 55-59.	0.3	9
80	Targeting Notch signaling pathway as an effective strategy in overcoming drug resistance in ovarian cancer. <i>Pathology Research and Practice</i> , 2020, 216, 153158.	1.0	8
81	Vitamin D in respiratory viral infections: a key immune modulator?. <i>Critical Reviews in Food Science and Nutrition</i> , 2023, 63, 2231-2246.	5.4	8
82	Nanotechnology-based advances in the efficient delivery of melatonin. <i>Cancer Cell International</i> , 2022, 22, 43.	1.8	8
83	Role of exosomal miRNA in chemotherapy resistance of Colorectal cancer: A systematic review. <i>Chemical Biology and Drug Design</i> , 2023, 101, 1096-1112.	1.5	7
84	Overexpression of tensin homolog deleted on chromosome ten (PTEN) by ciglitazone sensitizes doxorubicin-resistant leukemia cancer cells to treatment. <i>Journal of Cellular Biochemistry</i> , 2019, 120, 15719-15729.	1.2	6
85	Parasympathetic, but not sympathetic denervation, suppressed colorectal cancer progression. <i>European Journal of Pharmacology</i> , 2021, 913, 174626.	1.7	6
86	The Roles of Signaling Pathways in Cardiac Regeneration. <i>Current Medicinal Chemistry</i> , 2022, 29, 2142-2166.	1.2	5
87	Molecular Targeting of Notch Signaling Pathway by DAPT in Human Ovarian Cancer: Possible Anti Metastatic Effects. <i>Asian Pacific Journal of Cancer Prevention</i> , 2018, 19, 3473-3477.	0.5	5
88	Downregulation of microRNA-214 and PTEN in tissue samples of patients with breast cancer. <i>Meta Gene</i> , 2020, 24, 100668.	0.3	3
89	Thymoquinone Augments Methotrexate-Induced Apoptosis on Osteosarcoma Cells. <i>Drug Research</i> , 2022, 72, 220-225.	0.7	3
90	Molecular mechanisms underlying ameliorative impact of melatonin against age-dependent chronic arsenic toxicity in rats' brains. <i>Journal of Experimental Zoology Part A: Ecological and Integrative Physiology</i> , 2022, 337, 1010-1024.	0.9	3

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91	Quercetin Augments Cisplatin-Induced Apoptosis, DNA Damage Response, and MiR-22 Expression While It Prevents DNA Repair in Osteosarcoma Cells. <i>Drug Research</i> , 2022, 72, 378-384.	0.7	3
92	Serum level of melatonin in patients with osteoarthritis and its relation with 8-hydroxy-2-deoxyguanosine and vitamin D. <i>Journal of Research in Clinical Medicine</i> , 2020, 8, 34-34.	0.3	2
93	A Brief History of Cardiac Syndrome X: A Biochemical View. <i>The Journal of Tehran Heart Center</i> , 2017, 12, 46-48.	0.3	0
94	Involvement of IGF/IGFBP/Erk axis in the exercise-mediated preventive effects on colorectal cancer in rats. <i>International Journal of Clinical and Experimental Pathology</i> , 2021, 14, 608-617.	0.5	0
95	OUP accepted manuscript. <i>International Journal of Epidemiology</i> , 2022, , .	0.9	0