

Keywan Mortezaee

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

94
papers

3,842
citations

37
h-index

60
g-index

99
ext. papers

5,799
ext. citations

4.9
avg, IF

7.07
L-index

#	Paper	IF	Citations
94	CD8 cytotoxic T lymphocytes in cancer immunotherapy: A review. <i>Journal of Cellular Physiology</i> , 2019 , 234, 8509-8521	7	445
93	Cyclooxygenase-2 in cancer: A review. <i>Journal of Cellular Physiology</i> , 2019 , 234, 5683-5699	7	253
92	Cancer stem cells (CSCs) in cancer progression and therapy. <i>Journal of Cellular Physiology</i> , 2019 , 234, 8381-8395	7	181
91	Macrophage polarity in cancer: A review. <i>Journal of Cellular Biochemistry</i> , 2019 , 120, 2756-2765	4.7	180
90	Extracellular matrix (ECM) stiffness and degradation as cancer drivers. <i>Journal of Cellular Biochemistry</i> , 2019 , 120, 2782-2790	4.7	154
89	Inflammasome: Its role in traumatic brain and spinal cord injury. <i>Journal of Cellular Physiology</i> , 2018 , 233, 5160-5169	7	126
88	Mechanisms of apoptosis modulation by curcumin: Implications for cancer therapy. <i>Journal of Cellular Physiology</i> , 2019 , 234, 12537-12550	7	114
87	Cancer stem cell (CSC) resistance drivers. <i>Life Sciences</i> , 2019 , 234, 116781	6.8	113
86	Tumor microenvironment: Interactions and therapy. <i>Journal of Cellular Physiology</i> , 2019 , 234, 5700-5721	7	103
85	Curcumin as an anti-inflammatory agent: Implications to radiotherapy and chemotherapy. <i>Journal of Cellular Physiology</i> , 2019 , 234, 5728-5740	7	97
84	Contribution of regulatory T cells to cancer: A review. <i>Journal of Cellular Physiology</i> , 2019 , 234, 7983-7993	7	97
83	Transforming growth factor- β signaling: Tumorigenesis and targeting for cancer therapy. <i>Journal of Cellular Physiology</i> , 2019 , 234, 12173-12187	7	73
82	Redox interactions and genotoxicity of metal-based nanoparticles: A comprehensive review. <i>Chemico-Biological Interactions</i> , 2019 , 312, 108814	5	64
81	Hypoxia in solid tumors: a key promoter of cancer stem cell (CSC) resistance. <i>Journal of Cancer Research and Clinical Oncology</i> , 2020 , 146, 19-31	4.9	63
80	Modulation of apoptosis by melatonin for improving cancer treatment efficiency: An updated review. <i>Life Sciences</i> , 2019 , 228, 228-241	6.8	62
79	Melatonin as an adjuvant in radiotherapy for radioprotection and radiosensitization. <i>Clinical and Translational Oncology</i> , 2019 , 21, 268-279	3.6	58
78	CXCL12/CXCR4 axis in the microenvironment of solid tumors: A critical mediator of metastasis. <i>Life Sciences</i> , 2020 , 249, 117534	6.8	57

77	Melatonin application in targeting oxidative-induced liver injuries: A review. <i>Journal of Cellular Physiology</i> , 2018 , 233, 4015-4032	7	55
76	NF-B targeting for overcoming tumor resistance and normal tissues toxicity. <i>Journal of Cellular Physiology</i> , 2019 , 234, 17187-17204	7	53
75	Cancer stem cell (a)symmetry & plasticity: Tumorigenesis and therapy relevance. <i>Life Sciences</i> , 2019 , 231, 116520	6.8	50
74	Fusobacterium nucleatum and colorectal cancer: A mechanistic overview. <i>Journal of Cellular Physiology</i> , 2019 , 234, 2337-2344	7	49
73	Immune escape: A critical hallmark in solid tumors. <i>Life Sciences</i> , 2020 , 258, 118110	6.8	48
72	Extracellular-signal-regulated kinase/mitogen-activated protein kinase signaling as a target for cancer therapy: an updated review. <i>Cell Biology International</i> , 2019 , 43, 1206-1222	4.5	46
71	The role of melatonin on doxorubicin-induced cardiotoxicity: A systematic review. <i>Life Sciences</i> , 2020 , 241, 117173	6.8	44
70	Melatonin and cancer: From the promotion of genomic stability to use in cancer treatment. <i>Journal of Cellular Physiology</i> , 2019 , 234, 5613-5627	7	44
69	Human hepatocellular carcinoma: Protection by melatonin. <i>Journal of Cellular Physiology</i> , 2018 , 233, 6486-6508	7	43
68	NADPH Oxidase as a Target for Modulation of Radiation Response; Implications to Carcinogenesis and Radiotherapy. <i>Current Molecular Pharmacology</i> , 2019 , 12, 50-60	3.7	43
67	Boosting immune system against cancer by melatonin: A mechanistic viewpoint. <i>Life Sciences</i> , 2019 , 238, 116960	6.8	42
66	Cancer-associated fibroblasts: Secretions, interactions, and therapy. <i>Journal of Cellular Biochemistry</i> , 2019 , 120, 2791-2800	4.7	42
65	Adjuvant chemotherapy with melatonin for targeting human cancers: A review. <i>Journal of Cellular Physiology</i> , 2019 , 234, 2356-2372	7	41
64	Preconditioning with melatonin improves therapeutic outcomes of bone marrow-derived mesenchymal stem cells in targeting liver fibrosis induced by CCl4. <i>Cell and Tissue Research</i> , 2017 , 369, 303-312	4.2	40
63	Targets for improving tumor response to radiotherapy. <i>International Immunopharmacology</i> , 2019 , 76, 105847	5.8	40
62	Metformin as a Radiation Modifier; Implications to Normal Tissue Protection and Tumor Sensitization. <i>Current Clinical Pharmacology</i> , 2019 , 14, 41-53	2.5	39
61	Oncolytic adenovirus: A tool for cancer therapy in combination with other therapeutic approaches. <i>Journal of Cellular Physiology</i> , 2019 , 234, 8636-8646	7	39
60	Intercellular communications-redox interactions in radiation toxicity; potential targets for radiation mitigation. <i>Journal of Cell Communication and Signaling</i> , 2019 , 13, 3-16	5.2	37

59	Stromal reprogramming: A target for tumor therapy. <i>Life Sciences</i> , 2019 , 239, 117049	6.8	37
58	Steps in metastasis: an updated review. <i>Medical Oncology</i> , 2021 , 38, 3	3.7	37
57	Resveratrol as an Adjuvant for Normal Tissues Protection and Tumor Sensitization. <i>Current Cancer Drug Targets</i> , 2020 , 20, 130-145	2.8	33
56	The efficacy of PD-1/PD-L1 blockade in cold cancers and future perspectives. <i>Clinical Immunology</i> , 2021 , 226, 108707	9	33
55	Nicotinamide adenine dinucleotide phosphate (NADPH) oxidase (NOX) and liver fibrosis: A review. <i>Cell Biochemistry and Function</i> , 2018 , 36, 292-302	4.2	31
54	Disruption of the redox balance with either oxidative or anti-oxidative overloading as a promising target for cancer therapy. <i>Journal of Cellular Biochemistry</i> , 2019 , 120, 71-76	4.7	31
53	Synergic effects of nanoparticles-mediated hyperthermia in radiotherapy/chemotherapy of cancer. <i>Life Sciences</i> , 2021 , 269, 119020	6.8	29
52	Immune system in cancer radiotherapy: Resistance mechanisms and therapy perspectives. <i>Critical Reviews in Oncology/Hematology</i> , 2021 , 157, 103180	7	29
51	Melatonin Pretreatment Enhances the Homing of Bone Marrow-derived Mesenchymal Stem Cells Following Transplantation in a Rat Model of Liver Fibrosis. <i>Iranian Biomedical Journal</i> , 2016 , 20, 207-16	2	28
50	Hypoxia induces core-to-edge transition of progressive tumoral cells: A critical review on differential yet corroborative roles for HIF-1 α and HIF-2 α <i>Life Sciences</i> , 2020 , 242, 117145	6.8	28
49	The role of curcumin/curcuminoids during gastric cancer chemotherapy: A systematic review of non-clinical study. <i>Life Sciences</i> , 2020 , 257, 118051	6.8	26
48	Angiogenesis as a hallmark of solid tumors - clinical perspectives. <i>Cellular Oncology (Dordrecht)</i> , 2021 , 44, 715-737	7.2	24
47	Therapeutic value of melatonin post-treatment on CCl ₄ -induced fibrotic rat liver. <i>Canadian Journal of Physiology and Pharmacology</i> , 2016 , 94, 119-130	2.4	23
46	Expression of AKT1 along with AKT2 in granulosa-lutein cells of hyperandrogenic PCOS patients. <i>Archives of Gynecology and Obstetrics</i> , 2017 , 295, 1041-1050	2.5	21
45	A systematic review of radiation-induced testicular toxicities following radiotherapy for prostate cancer. <i>Journal of Cellular Physiology</i> , 2019 , 234, 14828	7	21
44	Resveratrol pretreatment enhanced homing of SDF-1 β -preconditioned bone marrow-derived mesenchymal stem cells in a rat model of liver cirrhosis. <i>Journal of Cellular Biochemistry</i> , 2018 , 119, 2939-2950	4.7	21
43	Effect of the CSF1R inhibitor PLX3397 on remyelination of corpus callosum in a cuprizone-induced demyelination mouse model. <i>Journal of Cellular Biochemistry</i> , 2019 , 120, 10576-10586	4.7	20
42	Enriched cancer stem cells, dense stroma, and cold immunity: Interrelated events in pancreatic cancer. <i>Journal of Biochemical and Molecular Toxicology</i> , 2021 , 35, e22708	3.4	19

41	Redox tolerance and metabolic reprogramming in solid tumors. <i>Cell Biology International</i> , 2021 , 45, 273-286	4.8	17
40	Therapeutic effects of melatonin-treated bone marrow mesenchymal stem cells (BMSC) in a rat model of Alzheimer's disease. <i>Journal of Chemical Neuroanatomy</i> , 2020 , 108, 101804	3.2	16
39	Schwann cell transplantation exerts neuroprotective roles in rat model of spinal cord injury by combating inflammasome activation and improving motor recovery and remyelination. <i>Metabolic Brain Disease</i> , 2019 , 34, 1117-1130	3.9	14
38	Kisspeptin expression features in the arcuate and anteroventral periventricular nuclei of hypothalamus of letrozole-induced polycystic ovarian syndrome in rats. <i>Archives of Gynecology and Obstetrics</i> , 2017 , 296, 957-963	2.5	14
37	Retinoic Acid as the Stimulating Factor for Differentiation of Wharton's Jelly-Mesenchymal Stem Cells into Hepatocyte-like Cells. <i>Avicenna Journal of Medical Biotechnology</i> , 2015 , 7, 106-12	1.4	14
36	Astrocyte ablation induced by La-aminoadipate (L-AAA) potentiates remyelination in a cuprizone demyelinating mouse model. <i>Metabolic Brain Disease</i> , 2019 , 34, 593-603	3.9	14
35	Targeting axonal degeneration and demyelination using combination administration of 17 β -estradiol and Schwann cells in the rat model of spinal cord injury. <i>Journal of Cellular Biochemistry</i> , 2018 , 119, 10195-10203	4.7	13
34	Effect of human recombinant granulocyte colony-stimulating factor on rat busulfan-induced testis injury. <i>Journal of Molecular Histology</i> , 2016 , 47, 59-67	3.3	12
33	Organ tropism in solid tumor metastasis: an updated review. <i>Future Oncology</i> , 2021 , 17, 1943-1961	3.6	12
32	Selenium as an adjuvant for modification of radiation response. <i>Journal of Cellular Biochemistry</i> , 2019 , 120, 18559-18571	4.7	11
31	Effects of neural stem cell-derived extracellular vesicles on neuronal protection and functional recovery in the rat model of middle cerebral artery occlusion. <i>Cell Biochemistry and Function</i> , 2020 , 38, 373-383	4.2	11
30	Roles for Kisspeptin in proliferation and differentiation of spermatogonial cells isolated from mice offspring when the cells are cocultured with somatic cells. <i>Journal of Cellular Biochemistry</i> , 2019 , 120, 5042-5054	4.7	11
29	Interleukin-2 therapy of cancer-clinical perspectives. <i>International Immunopharmacology</i> , 2021 , 98, 107836	3.6	11
28	Myeloid-derived suppressor cells in cancer immunotherapy-clinical perspectives. <i>Life Sciences</i> , 2021 , 277, 119627	6.8	10
27	Stimulation of neurotrophic factors and inhibition of proinflammatory cytokines by exogenous application of triiodothyronine in the rat model of ischemic stroke. <i>Cell Biochemistry and Function</i> , 2017 , 35, 50-55	4.2	9
26	Retinoic acid-pretreated Wharton's jelly mesenchymal stem cells in combination with triiodothyronine improve expression of neurotrophic factors in the subventricular zone of the rat ischemic brain injury. <i>Metabolic Brain Disease</i> , 2017 , 32, 185-193	3.9	9
25	Post-treatment of melatonin with CCl better reduces fibrogenic and oxidative changes in liver than melatonin co-treatment. <i>Journal of Cellular Biochemistry</i> , 2018 , 119, 1716-1725	4.7	9
24	Genomic Instability and Carcinogenesis of Heavy Charged Particles Radiation: Clinical and Environmental Implications. <i>Medicina (Lithuania)</i> , 2019 , 55,	3.1	8

23	The impact of hypoxia on immune state in cancer. <i>Life Sciences</i> , 2021 , 286, 120057	6.8	8
22	Role of stromal derived factor-1a (SDF-1a) for spermatogenesis of busulfan-injured rats. <i>Reproductive Toxicology</i> , 2017 , 73, 142-148	3.4	7
21	Combined Effect of Retinoic Acid and Basic Fibroblast Growth Factor on Maturation of Mouse Oocyte and Subsequent Fertilization and Development. <i>International Journal of Fertility & Sterility</i> , 2018 , 12, 68-71	1.9	7
20	Normalization in tumor ecosystem: Opportunities and challenges. <i>Cell Biology International</i> , 2021 , 45, 2017-2030	4.5	7
19	The current knowledge concerning solid cancer and therapy. <i>Journal of Biochemical and Molecular Toxicology</i> , 2021 , 35, e22900	3.4	7
18	Thyroid function following breast cancer chemotherapy: A systematic review. <i>Journal of Cellular Biochemistry</i> , 2019 , 120, 12101-12107	4.7	6
17	The expressions of NLRP1, NLRP3, and AIM2 inflammasome complexes in the contusive spinal cord injury rat model and their responses to hormonal therapy. <i>Cell and Tissue Research</i> , 2020 , 381, 397-410	4.2	6
16	Roles for osteocalcin in proliferation and differentiation of spermatogonial cells cocultured with somatic cells. <i>Journal of Cellular Biochemistry</i> , 2019 , 120, 4924-4934	4.7	6
15	Intranasal delivery of SDF-1 β preconditioned bone marrow mesenchymal cells improves remyelination in the cuprizone-induced mouse model of multiple sclerosis. <i>Cell Biology International</i> , 2020 , 44, 499-511	4.5	6
14	Prenatal transplantation of epidermal neural crest stem cells in malformation of cortical development mouse model. <i>Microscopy Research and Technique</i> , 2017 , 80, 394-405	2.8	5
13	Key promoters of tumor hallmarks. <i>International Journal of Clinical Oncology</i> , 2021 , 1	4.2	5
12	Homing of allogeneic nestin-positive hair follicle-associated pluripotent stem cells after maternal transplantation in experimental model of cortical dysplasia. <i>Biochemistry and Cell Biology</i> , 2015 , 93, 619-625	3.6	4
11	Role of spermatogonial stem cells extract in transdifferentiation of 5-Aza-2-Deoxycytidine-treated bone marrow mesenchymal stem cells into germ-like cells. <i>Microscopy Research and Technique</i> , 2016 , 79, 365-73	2.8	4
10	Roles of methyltrienolone (R1881) in AKTs and AR expression patterns of cultured granulosa-lutein cells. <i>Journal of Cellular Biochemistry</i> , 2018 , 119, 7204-7211	4.7	4
9	(Im)maturity in Tumor Ecosystem.. <i>Frontiers in Oncology</i> , 2021 , 11, 813897	5.3	3
8	Interleukin-6 in SARS-CoV-2 induced disease: Interactions and therapeutic applications. <i>Biomedicine and Pharmacotherapy</i> , 2021 , 145, 112419	7.5	3
7	The Effect of Prostate Cancer Radiotherapy on Testosterone Level: A Systematic Review and Meta-analysis. <i>Anti-Cancer Agents in Medicinal Chemistry</i> , 2020 , 20, 636-642	2.2	3
6	Comparison of the effects of HamBF10 and MEM in combination with FBS or BSA in vitrification/warming solution on quality and viability of sheep ovarian follicles. <i>Reproduction in Domestic Animals</i> , 2017 , 52, 551-560	1.6	2

5	Extracellular Vesicles Derived from Human Umbilical Cord Perivascular Cells Improve Functional Recovery in Brain Ischemic Rat via the Inhibition of Apoptosis. <i>Iranian Biomedical Journal</i> , 2020 , 24, 347-60	2	2
4	Notch signaling pathway in cumulus cells reflecting zygote and embryo quality in polycystic ovary syndrome. <i>Archives of Gynecology and Obstetrics</i> , 2021 , 304, 1097-1105	2.5	2
3	The effect of the "segment" of spinal cord injury on the activity of the nucleotide-binding domain-like receptor protein 3 inflammasome and response to hormonal therapy. <i>Cell Biochemistry and Function</i> , 2021 , 39, 267-276	4.2	1
2	CD8 T Cells in SARS-CoV-2 Induced Disease and Cancer-Clinical Perspectives.. <i>Frontiers in Immunology</i> , 2022 , 13, 864298	8.4	1
1	Expression Patterns for , and in Cancer Stem-like Cells Isolated from Human Colon Cancer. <i>Avicenna Journal of Medical Biotechnology</i> , 2019 , 11, 156-161	1.4	0