

# Jafar Rezaie

## List of Publications by Year in descending order

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Version: 2024-02-01

61  
papers

2,479  
citations

147726

31  
h-index

214721

47  
g-index

67  
all docs

67  
docs citations

67  
times ranked

2413  
citing authors

#	ARTICLE	IF	CITATIONS
1	Mesenchymal stem cell derived-exosomes: a modern approach in translational medicine. <i>Journal of Translational Medicine</i> , 2020, 18, 449.	1.8	221
2	The role of extracellular vesicles in COVID-19 virus infection. <i>Infection, Genetics and Evolution</i> , 2020, 85, 104422.	1.0	170
3	Tumor-derived extracellular vesicles: reliable tools for Cancer diagnosis and clinical applications. <i>Cell Communication and Signaling</i> , 2019, 17, 73.	2.7	138
4	Free and hydrogel encapsulated exosome-based therapies in regenerative medicine. <i>Life Sciences</i> , 2020, 249, 117447.	2.0	106
5	Synergies in exosomes and autophagy pathways for cellular homeostasis and metastasis of tumor cells. <i>Cell and Bioscience</i> , 2020, 10, 64.	2.1	92
6	Exosomes and their Application in Biomedical Field: Difficulties and Advantages. <i>Molecular Neurobiology</i> , 2018, 55, 3372-3393.	1.9	91
7	Tumor cells derived-exosomes as angiogenic agents: possible therapeutic implications. <i>Journal of Translational Medicine</i> , 2020, 18, 249.	1.8	82
8	Dexosomes as a cell-free vaccine for cancer immunotherapy. <i>Journal of Experimental and Clinical Cancer Research</i> , 2020, 39, 258.	3.5	79
9	Breast cancerâ€derived exosomes: Tumor progression and therapeutic agents. <i>Journal of Cellular Physiology</i> , 2020, 235, 6345-6356.	2.0	79
10	Plant-derived extracellular vesicles: a novel nanomedicine approach with advantages and challenges. <i>Cell Communication and Signaling</i> , 2022, 20, .	2.7	76
11	Ionizing Radiation Increases the Activity of Exosomal Secretory Pathway in MCF-7 Human Breast Cancer Cells: A Possible Way to Communicate Resistance against Radiotherapy. <i>International Journal of Molecular Sciences</i> , 2019, 20, 3649.	1.8	73
12	Potential therapeutic application of mesenchymal stem cell-derived exosomes in SARS-CoV-2 pneumonia. <i>Stem Cell Research and Therapy</i> , 2020, 11, 356.	2.4	65
13	Ageing and mesenchymal stem cells derived exosomes: Molecular insight and challenges. <i>Cell Biochemistry and Function</i> , 2021, 39, 60-66.	1.4	63
14	Application of stem cell-derived exosomes in ischemic diseases: opportunity and limitations. <i>Journal of Translational Medicine</i> , 2021, 19, 196.	1.8	63
15	The versatile role of exosomes in human retroviral infections: from immunopathogenesis to clinical application. <i>Cell and Bioscience</i> , 2021, 11, 19.	2.1	61
16	Cardioprotective role of extracellular vesicles: A highlight on exosome beneficial effects in cardiovascular diseases. <i>Journal of Cellular Physiology</i> , 2019, 234, 21732-21745.	2.0	59
17	Tumor-derived extracellular vesicles: The metastatic organotropism drivers. <i>Life Sciences</i> , 2022, 289, 120216.	2.0	59
18	Exosomal cargos modulate autophagy in recipient cells via different signaling pathways. <i>Cell and Bioscience</i> , 2020, 10, 92.	2.1	54

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19	Hypoxic exosomes orchestrate tumorigenesis: molecular mechanisms and therapeutic implications. <i>Journal of Translational Medicine</i> , 2020, 18, 474.	1.8	53
20	Low-level laser irradiation at a high power intensity increased human endothelial cell exosome secretion via Wnt signaling. <i>Lasers in Medical Science</i> , 2018, 33, 1131-1145.	1.0	50
21	Tumor-derived extracellular vesicles: insights into bystander effects of exosomes after irradiation. <i>Lasers in Medical Science</i> , 2020, 35, 531-545.	1.0	49
22	Metformin Increases Exosome Biogenesis and Secretion in U87MG Human Glioblastoma Cells: A Possible Mechanism of Therapeutic Resistance. <i>Archives of Medical Research</i> , 2021, 52, 151-162.	1.5	46
23	Bystander effects of ionizing radiation: conditioned media from X-ray irradiated MCF-7 cells increases the angiogenic ability of endothelial cells. <i>Cell Communication and Signaling</i> , 2019, 17, 165.	2.7	45
24	Tumor Cells-derived exosomal CircRNAs: Novel cancer drivers, molecular mechanisms, and clinical opportunities. <i>Biochemical Pharmacology</i> , 2022, 200, 115038.	2.0	45
25	Angiogenic and Restorative Abilities of Human Mesenchymal Stem Cells Were Reduced Following Treatment With Serum From Diabetes Mellitus Type 2 Patients. <i>Journal of Cellular Biochemistry</i> , 2018, 119, 524-535.	1.2	44
26	Cardiac progenitor cells application in cardiovascular disease. <i>Journal of Cardiovascular and Thoracic Research</i> , 2017, 9, 127-132.	0.3	41
27	Autophagy modulation altered differentiation capacity of CD146+ cells toward endothelial cells, pericytes, and cardiomyocytes. <i>Stem Cell Research and Therapy</i> , 2020, 11, 139.	2.4	41
28	Effect of multi-functional polyhydroxylated polyhedral oligomeric silsesquioxane (POSS) nanoparticles on the angiogenesis and exosome biogenesis in human umbilical vein endothelial cells (HUVECs). <i>Materials and Design</i> , 2021, 197, 109227.	3.3	40
29	High glucose condition limited the angiogenic/cardiogenic capacity of murine cardiac progenitor cells in in vitro and in vivo milieu. <i>Cell Biochemistry and Function</i> , 2018, 36, 346-356.	1.4	39
30	Diabetic sera disrupted the normal exosome signaling pathway in human mesenchymal stem cells in vitro. <i>Cell and Tissue Research</i> , 2018, 374, 555-565.	1.5	35
31	The role of morphine on rat neural stem cells viability, neuro-angiogenesis and neuro-steroidgenesis properties. <i>Neuroscience Letters</i> , 2017, 636, 205-212.	1.0	33
32	Mesenchymal stem cells derived extracellular vesicles: A promising nanomedicine for drug delivery system. <i>Biochemical Pharmacology</i> , 2022, 203, 115167.	2.0	32
33	Characterization of pH-sensitive chitosan/hydroxypropyl methylcellulose composite nanoparticles for delivery of melatonin in cancer therapy. <i>Materials Letters</i> , 2021, 282, 128818.	1.3	23
34	Exosomes Derived from Senescent Endothelial Cells Contain Distinct Pro-angiogenic miRNAs and Proteins. <i>Cardiovascular Toxicology</i> , 2022, 22, 592-601.	1.1	23
35	Asthmatic condition induced the activity of exosome secretory pathway in rat pulmonary tissues. <i>Journal of Inflammation</i> , 2021, 18, 14.	1.5	22
36	Salicylic acid-loaded chitosan nanoparticles (SA/CTS NPs) for breast cancer targeting: Synthesis, characterization and controlled release kinetics. <i>Journal of Molecular Structure</i> , 2021, 1245, 131040.	1.8	20

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37	Crosstalk between exosomes signaling pathway and autophagy flux in senescent human endothelial cells. <i>Tissue and Cell</i> , 2022, 76, 101803.	1.0	17
38	Inhibition of extracellular vesicle biogenesis in tumor cells: A possible way to reduce tumorigenesis. <i>Cell Biochemistry and Function</i> , 2022, 40, 248-262.	1.4	15
39	Effect of acute and chronic toxicity of paraquat on immune system and growth performance in rainbow trout, <i>Oncorhynchus mykiss</i> . <i>Aquaculture Research</i> , 2013, 45, n/a-n/a.	0.9	14
40	Estradiol modulated colorectal cancer stem cells bioactivity and interaction with endothelial cells. <i>Life Sciences</i> , 2020, 257, 118078.	2.0	12
41	The tumorigenic and therapeutic functions of exosomes in colorectal cancer: Opportunity and challenges. <i>Cell Biochemistry and Function</i> , 2021, 39, 468-477.	1.4	12
42	The Angiogenic Paracrine Potential of Mesenchymal Stem Cells. , 0, , .		8
43	Halloysite nanotubes/carbohydrate-based hydrogels for biomedical applications: from drug delivery to tissue engineering. <i>Polymer Bulletin</i> , 2022, 79, 4497-4513.	1.7	7
44	Sulindac and vitamin D <sub>3</sub> synergically inhibit proliferation of MCF-7 breast cancer cell through AMPK/Akt/β-catenin axis in vitro. <i>Cell Biochemistry and Function</i> , 2021, 39, 991-997.	1.4	7
45	Systemic administration of c-Kit <sup>+</sup> cells diminished pulmonary and vascular inflammation in rat model of chronic asthma. <i>BMC Molecular and Cell Biology</i> , 2022, 23, 11.	1.0	7
46	<i>Salvia officinalis</i> hydroalcoholic extract improved reproduction capacity and behavioral activity in rats exposed to immobilization stress. <i>Animal Science Journal</i> , 2020, 91, e13382.	0.6	6
47	Nano-based methods for novel coronavirus 2019 (2019-nCoV) diagnosis: A review. <i>Cell Biochemistry and Function</i> , 2021, 39, 29-34.	1.4	6
48	Static and dynamic culture of human endothelial cells encapsulated inside alginate-gelatin microspheres. <i>Microvascular Research</i> , 2021, 137, 104174.	1.1	6
49	Functionalization of halloysite nanotubes via grafting of polyhedral oligomeric silsesquioxane (POSS) nanoparticles for paclitaxel drug delivery. <i>Materials Letters</i> , 2022, 315, 131942.	1.3	6
50	c-kit <sup>+</sup> cells offer hopes in ameliorating asthmatic pathologies via regulation of miRNA-133 and miRNA-126. <i>Iranian Journal of Basic Medical Sciences</i> , 2021, 24, 369-376.	1.0	5
51	Putative effect of melatonin on cardiomyocyte senescence in mice with type 1 diabetes mellitus. <i>Journal of Diabetes and Metabolic Disorders</i> , 0, , 1.	0.8	5
52	Activation of toll-like receptor signaling in endothelial progenitor cells dictates angiogenic potential: from hypothesis to actual state. <i>Cell and Tissue Research</i> , 2021, 384, 389-401.	1.5	4
53	Paclitaxel nano-conjugated to polyhedral oligomeric silsesquioxane (POSS) nanoparticles as a novel water-soluble prodrug. <i>Materials Letters</i> , 2022, 307, 131013.	1.3	4
54	Intra-tracheal delivery of mesenchymal stem cell-conditioned medium ameliorates pathological changes by inhibiting apoptosis in asthmatic rats. <i>Molecular Biology Reports</i> , 2022, 49, 3721-3728.	1.0	4

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55	Bystander effects induced by electron beam-irradiated MCF-7 cells: a potential mechanism of therapy resistance. <i>Breast Cancer Research and Treatment</i> , 2021, 187, 657-671.	1.1	3
56	Chronic asthmatic condition modulated the onset of aging in bone marrow mesenchymal stem cells. <i>Cell Biochemistry and Function</i> , 2021, 39, 821-827.	1.4	3
57	Histopathological effects of experimental paraquat on spleen and pronephros of rainbow trout ( <i>Oncorhynchus mykiss</i> ). <i>Comparative Clinical Pathology</i> , 2013, 22, 491-495.	0.3	2
58	Differential Expression of Serum Exosomal miRNAs in Breast Cancer Patients and Healthy Controls. <i>Advanced Pharmaceutical Bulletin</i> , 2021, , .	0.6	2
59	Type 2 Diabetes Mellitus Provokes Rat Immune Cells Recruitment into the Pulmonary Niche by Up-regulation of Endothelial Adhesion Molecules. <i>Advanced Pharmaceutical Bulletin</i> , 2020, 12, 176-182.	0.6	2
60	Diabetes mellitus can cause cardiomyopathy disorders by inducing the aging pathway. <i>Iranian Journal of Basic Medical Sciences</i> , 2021, 24, 636-640.	1.0	1
61	Inhibitory effects of gallic acid on the activity of exosomal secretory pathway in breast cancer cell lines: A possible anticancer impact. <i>Biolmpacts</i> , 2022, , .	0.7	0