Jafar Rezaie

List of Publications by Year
in descending order

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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	Halloysite nanotubes/carbohydrate-based hydrogels for biomedical applications: from drug delivery to tissue engineering. Polymer Bulletin, 2022, 79, 4497-4513.	1.7	7
2	Paclitaxel nano-conjugated to polyhedral oligomeric silsesquioxane (POSS) nanoparticles as a novel water-soluble prodrug. Materials Letters, 2022, 307, 131013.	1.3	4
3	Tumor-derived extracellular vesicles: The metastatic organotropism drivers. Life Sciences, 2022, 289, 120216.	2.0	59
4	Intra-tracheal delivery of mesenchymal stem cell-conditioned medium ameliorates pathological changes by inhibiting apoptosis in asthmatic rats. Molecular Biology Reports, 2022, 49, 3721-3728.	1.0	4
5	Systemic administration of c-Kit+ cells diminished pulmonary and vascular inflammation in rat model of chronic asthma. BMC Molecular and Cell Biology, 2022, 23, 11.	1.0	7
6	Inhibition of extracellular vesicle biogenesis in tumor cells: A possible way to reduce tumorigenesis. Cell Biochemistry and Function, 2022, 40, 248-262.	1.4	15
7	Functionalization of halloysite nanotubes via grafting of polyhedral oligomeric silsesquioxane (POSS) nanoparticles for paclitaxel drug delivery. Materials Letters, 2022, 315, 131942.	1.3	6
8	Exosomes Derived from Senescent Endothelial Cells Contain Distinct Pro-angiogenic miRNAs and Proteins. Cardiovascular Toxicology, 2022, 22, 592-601.	1.1	23
9	Tumor Cells-derived exosomal CircRNAs: Novel cancer drivers, molecular mechanisms, and clinical opportunities. Biochemical Pharmacology, 2022, 200, 115038.	2.0	45
10	Crosstalk between exosomes signaling pathway and autophagy flux in senescent human endothelial cells. Tissue and Cell, 2022, 76, 101803.	1.0	17
11	Inhibitory effects of gallic acid on the activity of exosomal secretory pathway in breast cancer cell lines: A possible anticancer impact. BioImpacts, 2022, , .	0.7	0
12	Plant-derived extracellular vesicles: a novel nanomedicine approach with advantages and challenges. Cell Communication and Signaling, 2022, 20, .	2.7	76
13	Mesenchymal stem cells derived extracellular vesicles: A promising nanomedicine for drug delivery system. Biochemical Pharmacology, 2022, 203, 115167.	2.0	32
14	Ageing and mesenchymal stem cells derived exosomes: Molecular insight and challenges. Cell Biochemistry and Function, 2021, 39, 60-66.	1.4	63
15	Characterization of pH-sensitive chitosan/hydroxypropyl methylcellulose composite nanoparticles for delivery of melatonin in cancer therapy. Materials Letters, 2021, 282, 128818.	1.3	23
16	Metformin Increases Exosome Biogenesis and Secretion in U87ÂMG Human Glioblastoma Cells: A Possible Mechanism of Therapeutic Resistance. Archives of Medical Research, 2021, 52, 151-162.	1.5	46
17	Effect of multi-functional polyhydroxylated polyhedral oligomeric silsesquioxane (POSS) nanoparticles on the angiogenesis and exosome biogenesis in human umbilical vein endothelial cells (HUVECs). Materials and Design, 2021, 197, 109227.	3.3	40
18	Nanoâ€based methods for novel coronavirus 2019 (2019â€nCoV) diagnosis: A review. Cell Biochemistry and Function, 2021, 39, 29-34.	1.4	6

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19	Activation of toll-like receptor signaling in endothelial progenitor cells dictates angiogenic potential: from hypothesis to actual state. Cell and Tissue Research, 2021, 384, 389-401.	1.5	4
20	The tumorigenic and therapeutic functions of exosomes in colorectal cancer: Opportunity and challenges. Cell Biochemistry and Function, 2021, 39, 468-477.	1.4	12
21	Asthmatic condition induced the activity of exosome secretory pathway in rat pulmonary tissues. Journal of Inflammation, 2021, 18, 14.	1.5	22
22	Bystander effects induced by electron beam-irradiated MCF-7 cells: a potential mechanism of therapy resistance. Breast Cancer Research and Treatment, 2021, 187, 657-671.	1.1	3
23	Application of stem cell-derived exosomes in ischemic diseases: opportunity and limitations. Journal of Translational Medicine, 2021, 19, 196.	1.8	63
24	Chronic asthmatic condition modulated the onset of aging in bone marrow mesenchymal stem cells. Cell Biochemistry and Function, 2021, 39, 821-827.	1.4	3
25	Sulindac and vitamin <scp>D3</scp> synergically inhibit proliferation of <scp>MCF</scp>â€7 breast cancer cell through <scp>AMPK</scp>/Akt/Iˆ²â€catenin axis in vitro. Cell Biochemistry and Function, 2021, 39, 991-997.	1.4	7
26	Static and dynamic culture of human endothelial cells encapsulated inside alginate-gelatin microspheres. Microvascular Research, 2021, 137, 104174.	1.1	6
27	Salicylic acid-loaded chitosan nanoparticles (SA/CTS NPs) for breast cancer targeting: Synthesis, characterization and controlled release kinetics. Journal of Molecular Structure, 2021, 1245, 131040.	1.8	20
28	The versatile role of exosomes in human retroviral infections: from immunopathogenesis to clinical application. Cell and Bioscience, 2021, 11, 19.	2.1	61
29	Differential Expression of Serum Exosomal miRNAs in Breast Cancer Patients and Healthy Controls. Advanced Pharmaceutical Bulletin, 2021, , .	0.6	2
30	c-kit+ cells offer hopes in ameliorating asthmatic pathologies via regulation of miRNA-133 and miRNA-126. Iranian Journal of Basic Medical Sciences, 2021, 24, 369-376.	1.0	5
31	Diabetes mellitus can cause cardiomyopathy disorders by inducing the aging pathway. Iranian Journal of Basic Medical Sciences, 2021, 24, 636-640.	1.0	1
32	Tumor-derived extracellular vesicles: insights into bystander effects of exosomes after irradiation. Lasers in Medical Science, 2020, 35, 531-545.	1.0	49
33	Estradiol modulated colorectal cancer stem cells bioactivity and interaction with endothelial cells. Life Sciences, 2020, 257, 118078.	2.0	12
34	Dexosomes as a cell-free vaccine for cancer immunotherapy. Journal of Experimental and Clinical Cancer Research, 2020, 39, 258.	3.5	79
35	Mesenchymal stem cell derived-exosomes: a modern approach in translational medicine. Journal of Translational Medicine, 2020, 18, 449.	1.8	221
36	Exosomal cargos modulate autophagy in recipient cells via different signaling pathways. Cell and Bioscience, 2020, 10, 92.	2.1	54

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37	Potential therapeutic application of mesenchymal stem cell-derived exosomes in SARS-CoV-2 pneumonia. Stem Cell Research and Therapy, 2020, 11, 356.	2.4	65
38	Hypoxic exosomes orchestrate tumorigenesis: molecular mechanisms and therapeutic implications. Journal of Translational Medicine, 2020, 18, 474.	1.8	53
39	Synergies in exosomes and autophagy pathways for cellular homeostasis and metastasis of tumor cells. Cell and Bioscience, 2020, 10, 64.	2.1	92
40	The role of extracellular vesicles in COVID-19 virus infection. Infection, Genetics and Evolution, 2020, 85, 104422.	1.0	170
41	Tumor cells derived-exosomes as angiogenenic agents: possible therapeutic implications. Journal of Translational Medicine, 2020, 18, 249.	1.8	82
42	Salvia officinalis hydroalcoholic extract improved reproduction capacity and behavioral activity in rats exposed to immobilization stress. Animal Science Journal, 2020, 91, e13382.	0.6	6
43	Breast cancerâ€derived exosomes: Tumor progression and therapeutic agents. Journal of Cellular Physiology, 2020, 235, 6345-6356.	2.0	79
44	Free and hydrogel encapsulated exosome-based therapies in regenerative medicine. Life Sciences, 2020, 249, 117447.	2.0	106
45	Autophagy modulation altered differentiation capacity of CD146+ cells toward endothelial cells, pericytes, and cardiomyocytes. Stem Cell Research and Therapy, 2020, 11, 139.	2.4	41
46	Type 2 Diabetes Mellitus Provokes Rat Immune Cells Recruitment into the Pulmonary Niche by Up-regulation of Endothelial Adhesion Molecules. Advanced Pharmaceutical Bulletin, 2020, 12, 176-182.	0.6	2
47	Tumor-derived extracellular vesicles: reliable tools for Cancer diagnosis and clinical applications. Cell Communication and Signaling, 2019, 17, 73.	2.7	138
48	Ionizing Radiation Increases the Activity of Exosomal Secretory Pathway in MCF-7 Human Breast Cancer Cells: A Possible Way to Communicate Resistance against Radiotherapy. International Journal of Molecular Sciences, 2019, 20, 3649.	1.8	73
49	Cardioprotective role of extracellular vesicles: A highlight on exosome beneficial effects in cardiovascular diseases. Journal of Cellular Physiology, 2019, 234, 21732-21745.	2.0	59
50	Bystander effects of ionizing radiation: conditioned media from X-ray irradiated MCF-7 cells increases the angiogenic ability of endothelial cells. Cell Communication and Signaling, 2019, 17, 165.	2.7	45
51	Low-level laser irradiation at a high power intensity increased human endothelial cell exosome secretion via Wnt signaling. Lasers in Medical Science, 2018, 33, 1131-1145.	1.0	50
52	Exosomes and their Application in Biomedical Field: Difficulties and Advantages. Molecular Neurobiology, 2018, 55, 3372-3393.	1.9	91
53	Angiogenic and Restorative Abilities of Human Mesenchymal Stem Cells Were Reduced Following Treatment With Serum From Diabetes Mellitus Type 2 Patients. Journal of Cellular Biochemistry, 2018, 119, 524-535.	1.2	44
54	Diabetic sera disrupted the normal exosome signaling pathway in human mesenchymal stem cells in vitro. Cell and Tissue Research, 2018, 374, 555-565.	1.5	35

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55	High glucose condition limited the angiogenic/cardiogenic capacity of murine cardiac progenitor cells in in vitro and in vivo milieu. Cell Biochemistry and Function, 2018, 36, 346-356.	1.4	39
56	The role of morphine on rat neural stem cells viability, neuro-angiogenesis and neuro-steroidgenesis properties. Neuroscience Letters, 2017, 636, 205-212.	1.0	33
57	Cardiac progenitor cells application in cardiovascular disease. Journal of Cardiovascular and Thoracic Research, 2017, 9, 127-132.	0.3	41
58	Histopathological effects of experimental paraquat on spleen and pronephros of rainbow trout (Oncorhynchus mykiss). Comparative Clinical Pathology, 2013, 22, 491-495.	0.3	2
59	Effect of acute and chronic toxicity of paraquat on immune system and growth performance in rainbow trout,Oncorhynchus mykiss. Aquaculture Research, 2013, 45, n/a-n/a.	0.9	14
60	The Angiogenic Paracrine Potential of Mesenchymal Stem Cells. , 0, , .		8
61	Putative effect of melatonin on cardiomyocyte senescence in mice with type 1 diabetes mellitus. Journal of Diabetes and Metabolic Disorders, 0, , 1.	0.8	5