

Aysa Rezabakhsh

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.

57
papers

760
citations

18
h-index

25
g-index

63
ext. papers

1,026
ext. citations

4.3
avg, IF

4.51
L-index

#	Paper	IF	Citations
57	Exosomes and their Application in Biomedical Field: Difficulties and Advantages. <i>Molecular Neurobiology</i> , 2018 , 55, 3372-3393	6.2	52
56	Quercetin alleviates high glucose-induced damage on human umbilical vein endothelial cells by promoting autophagy. <i>Phytomedicine</i> , 2019 , 56, 183-193	6.5	46
55	Silymarin regulates the cytochrome P450 3A2 and glutathione peroxidases in the liver of streptozotocin-induced diabetic rats. <i>Phytomedicine</i> , 2012 , 19, 583-90	6.5	38
54	Type 2 Diabetes Inhibited Human Mesenchymal Stem Cells Angiogenic Response by Over-Activity of the Autophagic Pathway. <i>Journal of Cellular Biochemistry</i> , 2017 , 118, 1518-1530	4.7	37
53	Potent anti-angiogenic and cytotoxic effect of conferone on human colorectal adenocarcinoma HT-29 cells. <i>Phytomedicine</i> , 2016 , 23, 398-405	6.5	36
52	Rapamycin inhibits oxidative/nitrosative stress and enhances angiogenesis in high glucose-treated human umbilical vein endothelial cells: Role of autophagy. <i>Biomedicine and Pharmacotherapy</i> , 2017 , 93, 885-894	7.5	35
51	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	3.1	33
50	Distinct role of autophagy on angiogenesis: highlights on the effect of autophagy in endothelial lineage and progenitor cells. <i>Stem Cell Research and Therapy</i> , 2018 , 9, 305	8.3	32
49	Alginate-gelatin encapsulation of human endothelial cells promoted angiogenesis in in vivo and in vitro milieu. <i>Biotechnology and Bioengineering</i> , 2017 , 114, 2920-2930	4.9	31
48	Carvacrol promotes angiogenic paracrine potential and endothelial differentiation of human mesenchymal stem cells at low concentrations. <i>Microvascular Research</i> , 2018 , 115, 20-27	3.7	30
47	Endothelial cells' biophysical, biochemical, and chromosomal aberrancies in high-glucose condition within the diabetic range. <i>Cell Biochemistry and Function</i> , 2017 , 35, 83-97	4.2	29
46	Early-stage detection of VE-cadherin during endothelial differentiation of human mesenchymal stem cells using SPR biosensor. <i>Biosensors and Bioelectronics</i> , 2017 , 96, 358-366	11.8	29
45	Surface plasmon resonance biosensors for detection of Alzheimer's biomarkers; an effective step in early and accurate diagnosis. <i>Biosensors and Bioelectronics</i> , 2020 , 167, 112511	11.8	27
44	Silibinin protects human endothelial cells from high glucose-induced injury by enhancing autophagic response. <i>Journal of Cellular Biochemistry</i> , 2018 , 119, 8084-8094	4.7	24
43	Neurotoxicity of mycotoxins produced in vitro by <i>Penicillium roqueforti</i> isolated from maize and grass silage. <i>Human and Experimental Toxicology</i> , 2015 , 34, 997-1005	3.4	22
42	Treatment of cancer stem cells from human colon adenocarcinoma cell line HT-29 with resveratrol and sulindac induced mesenchymal-endothelial transition rate. <i>Cell and Tissue Research</i> , 2019 , 376, 377-388	4.2	21
41	Autologous mitochondrial microinjection; a strategy to improve the oocyte quality and subsequent reproductive outcome during aging. <i>Cell and Bioscience</i> , 2019 , 9, 95	9.8	21

40	Exosomal cargos modulate autophagy in recipient cells via different signaling pathways. <i>Cell and Bioscience</i> , 2020 , 10, 92	9.8	20
39	Functional convergence of Akt protein with VEGFR-1 in human endothelial progenitor cells exposed to sera from patient with type 2 diabetes mellitus. <i>Microvascular Research</i> , 2017 , 114, 101-113	3.7	16
38	Silymarin: A Novel Natural Agent to Restore Defective Pancreatic β Cells in Streptozotocin (STZ)-induced Diabetic Rats. <i>Iranian Journal of Pharmaceutical Research</i> , 2016 , 15, 493-500	1.1	16
37	Protective effects of melatonin on long-term administration of fluoxetine in rats. <i>Experimental and Toxicologic Pathology</i> , 2017 , 69, 564-574		13
36	Unraveling the therapeutic effects of mesenchymal stem cells in asthma. <i>Stem Cell Research and Therapy</i> , 2020 , 11, 400	8.3	13
35	Effect of hydroxychloroquine on oxidative/nitrosative status and angiogenesis in endothelial cells under high glucose condition. <i>BioImpacts</i> , 2017 , 7, 219-226	3.5	11
34	Metformin Effect on Endocan Biogenesis in Human Endothelial Cells Under Diabetic Condition. <i>Archives of Medical Research</i> , 2019 , 50, 304-314	6.6	10
33	Crocetin promotes angiogenesis in human endothelial cells through PI3K-Akt-eNOS signaling pathway. <i>EXCLI Journal</i> , 2019 , 18, 936-949	2.4	10
32	Effects of silymarin on the pharmacokinetics of atorvastatin in diabetic rats. <i>European Journal of Drug Metabolism and Pharmacokinetics</i> , 2014 , 39, 311-20	2.7	8
31	Novel Coronavirus (COVID-19): A New Emerging Pandemic Threat. <i>Journal of Research in Clinical Medicine</i> , 2020 , 8, 5-5	0.4	8
30	Cupressus sempervirens extract inhibited human basal cell carcinoma tumorigenesis, local invasion, and angiogenic property. <i>Comparative Clinical Pathology</i> , 2017 , 26, 203-211	0.9	7
29	Paraquat Exposure Up-regulates Cyclooxygenase-2 in the Lungs, Liver and Kidneys in Rats. <i>Iranian Journal of Pharmaceutical Research</i> , 2013 , 12, 887-96	1.1	7
28	Applications, challenges and prospects of mesenchymal stem cell exosomes in regenerative medicine. <i>Stem Cell Research and Therapy</i> , 2021 , 12, 521	8.3	7
27	Public knowledge of people visiting Imam Reza hospital regarding stroke symptoms and risk factors. <i>BMC Emergency Medicine</i> , 2019 , 19, 36	2.4	6
26	An Examination of the Putative Role of Melatonin in Exosome Biogenesis. <i>Frontiers in Cell and Developmental Biology</i> , 2021 , 9, 686551	5.7	6
25	Copper sulfate pentahydrate reduced epithelial cytotoxicity induced by lipopolysaccharide from enterogenic bacteria. <i>Biomedicine and Pharmacotherapy</i> , 2017 , 89, 454-461	7.5	5
24	In vivo evaluation of biocompatibility and immune modulation potential of poly(caprolactone)-poly(ethylene glycol)-poly(caprolactone)-gelatin hydrogels enriched with nano-hydroxyapatite in the model of mouse. <i>Journal of Biomaterials Applications</i> , 2021 , 35, 1253-1263	2.9	5
23	Melatonin as a promising modulator of aging related neurodegenerative disorders: Role of microRNAs. <i>Pharmacological Research</i> , 2021 , 173, 105839	10.2	5

22	Salvia officinalis hydroalcoholic extract improved reproduction capacity and behavioral activity in rats exposed to immobilization stress. <i>Animal Science Journal</i> , 2020 , 91, e13382	1.8	4
21	Docosahexaenoic acid reversed atherosclerotic changes in human endothelial cells induced by palmitic acid in vitro. <i>Cell Biochemistry and Function</i> , 2018 , 36, 203-211	4.2	4
20	Clinical Applications of Aspirin as a Multi-potent Drug Beyond Cardiovascular Implications: A Proof of Concept for Anesthesiologists- A Narrative Review.. <i>Anesthesiology and Pain Medicine</i> , 2021 , 11, e118909	3.5	4
19	Polycaprolactone fumarate acts as an artificial neural network to promote the biological behavior of neural stem cells. <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , 2021 , 109, 246-256	3.5	4
18	A close-up view of dynamic biomarkers in the setting of COVID-19: Striking focus on cardiovascular system. <i>Journal of Cellular and Molecular Medicine</i> , 2021 ,	5.6	4
17	Cyclopiazonic acid attenuates the divalent cations and augments the mRNA level of iNOS in the liver and kidneys of chickens. <i>World Mycotoxin Journal</i> , 2012 , 5, 153-161	2.5	3
16	Distinct Effects of Royal Jelly on Human Endothelial Cells Under High Glucose Condition. <i>Iranian Journal of Pharmaceutical Research</i> , 2018 , 17, 1361-1370	1.1	3
15	Anti-VEGF agents: As appealing targets in the setting of COVID-19 treatment in critically ill patients. <i>International Immunopharmacology</i> , 2021 , 101, 108257	5.8	3
14	CTRP9: An emerging potential anti-aging molecule in brain. <i>Cellular Signalling</i> , 2020 , 73, 109694	4.9	2
13	Cardioprotective Effects of Rosmarinic Acid on Isoproterenol-Induced Myocardial Infarction in Rats 2017 , 23, 103-111		2
12	c-kit+ 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	1.8	2
11	Application of neurotrophic factor-secreting cells (astrocyte - Like cells) in the in-vitro Alzheimer's disease-like pathology on the human neuroblastoma cells. <i>Brain Research Bulletin</i> , 2021 , 172, 180-189	3.9	2
10	Cervical and preauricular lymphadenopathies as atypical manifestations in the setting of COVID-19: a case report.. <i>Future Virology</i> , 2022 ,	2.4	1
9	Historical perspective of aspirin: A journey from discovery to clinical practice Ancient and modern history. <i>Journal of Cardiovascular and Thoracic Research</i> , 2021 , 13, 179-180	1.3	1
8	Resveratrol reduced the detrimental effects of malondialdehyde on human endothelial cells. <i>Journal of Cardiovascular and Thoracic Research</i> , 2021 , 13, 131-140	1.3	1
7	A giant splenic hydatid cyst: Why calcified cysts should not be considered as a dead cyst. <i>Clinical Case Reports (discontinued)</i> , 2021 , 9, 269-273	0.7	1
6	Chronic asthmatic condition modulated the onset of aging in bone marrow mesenchymal stem cells. <i>Cell Biochemistry and Function</i> , 2021 , 39, 821-827	4.2	1
5	Conflict effects of autophagy on cellular senescence in advanced ages: A systematic review. <i>Journal of Research in Clinical Medicine</i> , 2022 , 10, 3-3	0.4	1

- 4 The seasonal occurrence of Well's syndrome. *Comparative Clinical Pathology*, **2016**, 25, 479-481 0.9
- 3 Dichotomous effects of autophagy on infarct volume in experimental permanent/transient ischemic stroke model: a systematic review and meta-analysis.. *Journal of Integrative Neuroscience*, **2022**, 21, 11 1.5
- 2 A Comparative Study of the Registry System effect on Patients Satisfaction Rate in Two Emergency Department Settings. *Bulletin of Emergency and Trauma*, **2021**, 9, 138-144 1.1
- 1 Rapamycin promotes the survival and angiogenesis of high glucose-exposed human umbilical vein endothelial cells by improving autophagy. *Proceedings for Annual Meeting of the Japanese Pharmacological Society*, **2018**, WCP2018, PO1-5-5 0