

# Aysa Rezabakhsh

## List of Publications by Year in descending order

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Version: 2024-02-01

59  
papers

1,260  
citations

331259

21  
h-index

395343

33  
g-index

63  
all docs

63  
docs citations

63  
times ranked

1839  
citing authors

#	ARTICLE	IF	CITATIONS
1	Exosomes and their Application in Biomedical Field: Difficulties and Advantages. <i>Molecular Neurobiology</i> , 2018, 55, 3372-3393.	1.9	91
2	Quercetin alleviates high glucose-induced damage on human umbilical vein endothelial cells by promoting autophagy. <i>Phytomedicine</i> , 2019, 56, 183-193.	2.3	65
3	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.	5.3	58
4	Exosomal cargos modulate autophagy in recipient cells via different signaling pathways. <i>Cell and Bioscience</i> , 2020, 10, 92.	2.1	54
5	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.	2.4	53
6	Type 2 Diabetes Inhibited Human Mesenchymal Stem Cells Angiogenic Response by Overactivity of the Autophagic Pathway. <i>Journal of Cellular Biochemistry</i> , 2017, 118, 1518-1530.	1.2	52
7	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.	2.5	52
8	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
9	Potent anti-angiogenic and cytotoxic effect of conferone on human colorectal adenocarcinoma HT-29 cells. <i>Phytomedicine</i> , 2016, 23, 398-405.	2.3	49
10	Silymarin regulates the cytochrome P450 3A2 and glutathione peroxides in the liver of streptozotocin-induced diabetic rats. <i>Phytomedicine</i> , 2012, 19, 583-590.	2.3	48
11	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.	1.7	43
12	Applications, challenges and prospects of mesenchymal stem cell exosomes in regenerative medicine. <i>Stem Cell Research and Therapy</i> , 2021, 12, 521.	2.4	43
13	Carvacrol promotes angiogenic paracrine potential and endothelial differentiation of human mesenchymal stem cells at low concentrations. <i>Microvascular Research</i> , 2018, 115, 20-27.	1.1	39
14	Autologous mitochondrial microinjection; a strategy to improve the oocyte quality and subsequent reproductive outcome during aging. <i>Cell and Bioscience</i> , 2019, 9, 95.	2.1	38
15	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.	1.4	37
16	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.	5.3	37
17	Silibinin protects human endothelial cells from high glucose-induced injury by enhancing autophagic response. <i>Journal of Cellular Biochemistry</i> , 2018, 119, 8084-8094.	1.2	33
18	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.	1.5	29

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19	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.	1.1	25
20	Unraveling the therapeutic effects of mesenchymal stem cells in asthma. <i>Stem Cell Research and Therapy</i> , 2020, 11, 400.	2.4	24
21	An Examination of the Putative Role of Melatonin in Exosome Biogenesis. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 686551.	1.8	23
22	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.	1.1	22
23	Effect of hydroxychloroquine on oxidative/nitrosative status and angiogenesis in endothelial cells under high glucose condition. <i>BioImpacts</i> , 2017, 7, 219-226.	0.7	22
24	Metformin Effect on Endocan Biogenesis in Human Endothelial Cells Under Diabetic Condition. <i>Archives of Medical Research</i> , 2019, 50, 304-314.	1.5	20
25	Novel Coronavirus (COVID-19): A New Emerging Pandemic Threat. <i>Journal of Research in Clinical Medicine</i> , 2020, 8, 5-5.	0.3	18
26	Anti-VEGF agents: As appealing targets in the setting of COVID-19 treatment in critically ill patients. <i>International Immunopharmacology</i> , 2021, 101, 108257.	1.7	18
27	Crocetin promotes angiogenesis in human endothelial cells through PI3K-Akt-eNOS signaling pathway. <i>EXCLI Journal</i> , 2019, 18, 936-949.	0.5	17
28	Silymarin: A Novel Natural Agent to Restore Defective Pancreatic Î² Cells in Streptozotocin (STZ)-induced Diabetic Rats. <i>Iranian Journal of Pharmaceutical Research</i> , 2016, 15, 493-500.	0.3	17
29	Protective effects of melatonin on long-term administration of fluoxetine in rats. <i>Experimental and Toxicologic Pathology</i> , 2017, 69, 564-574.	2.1	14
30	Melatonin as a promising modulator of aging related neurodegenerative disorders: Role of microRNAs. <i>Pharmacological Research</i> , 2021, 173, 105839.	3.1	14
31	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.	1.2	14
32	Effects of silymarin on the pharmacokinetics of atorvastatin in diabetic rats. <i>European Journal of Drug Metabolism and Pharmacokinetics</i> , 2014, 39, 311-320.	0.6	11
33	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> , 2022, 26, 274-286.	1.6	11
34	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.	1.4	10
35	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.	1.4	9
36	Public knowledge of people visiting Imam Reza hospital regarding stroke symptoms and risk factors. <i>BMC Emergency Medicine</i> , 2019, 19, 36.	0.7	8

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37	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.	1.6	8
38	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.	0.3	8
39	Copper sulfate pentahydrate reduced epithelial cytotoxicity induced by lipopolysaccharide from enterogenic bacteria. <i>Biomedicine and Pharmacotherapy</i> , 2017, 89, 454-461.	2.5	7
40	Cupressus sempervirens extract inhibited human basal cell carcinoma tumorigenesis, local invasion, and angiogenic property. <i>Comparative Clinical Pathology</i> , 2017, 26, 203-211.	0.3	7
41	CTRP9: An emerging potential anti-aging molecule in brain. <i>Cellular Signalling</i> , 2020, 73, 109694.	1.7	7
42	Cardioprotective Effects of Rosmarinic Acid on Isoproterenol-Induced Myocardial Infarction in Rats. <i>Pharmaceutical Sciences</i> , 2017, 23, 103-111.	0.1	7
43	Clinical Applications of Aspirin as a Multi-Potent Drug Beyond Cardiovascular Implications: A Proof of Concept for Anesthesiologists and a Narrative Review. <i>Anesthesiology and Pain Medicine</i> , 2021, 11, e118909.	0.5	7
44	Application of exosomes for the alleviation of COVID-19-related pathologies. <i>Cell Biochemistry and Function</i> , 2022, 40, 430-438.	1.4	7
45	<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
46	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.	1.0	5
47	Resveratrol reduced the detrimental effects of malondialdehyde on human endothelial cells. <i>Journal of Cardiovascular and Thoracic Research</i> , 2021, 13, 131-140.	0.3	4
48	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.	0.8	3
49	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.	0.3	3
50	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
51	Distinct Effects of Royal Jelly on Human Endothelial Cells Under High Glucose Condition. <i>Iranian Journal of Pharmaceutical Research</i> , 2018, 17, 1361-1370.	0.3	3
52	Cervical and preauricular lymphadenopathies as atypical manifestations in the setting of COVID-19: a case report. <i>Future Virology</i> , 2022, , .	0.9	3
53	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.	0.2	2
54	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.	0.3	1

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55	Putative therapeutic impacts of cardiac CTRP9 in ischaemia/reperfusion injury. <i>Journal of Cellular and Molecular Medicine</i> , 2022, 26, 3120-3132.	1.6	1
56	The seasonal occurrence of Well's syndrome. <i>Comparative Clinical Pathology</i> , 2016, 25, 479-481.	0.3	0
57	Rapamycin promotes the survival and angiogenesis of high glucose-exposed human umbilical vein endothelial cells by improving autophagy. <i>Proceedings for Annual Meeting of the Japanese Pharmacological Society</i> , 2018, WCP2018, PO1-5-5.	0.0	0
58	A Comparative Study of the Registry System effect on Patients Satisfaction Rate in Two Emergency Department Settings. <i>Bulletin of Emergency and Trauma</i> , 2021, 9, 138-144.	0.4	0
59	Dichotomous effects of autophagy on infarct volume in experimental permanent/transient ischemic stroke model: a systematic review and meta-analysis. <i>Journal of Integrative Neuroscience</i> , 2022, 21, 011.	0.8	0