

# Mohammad Reza Khorramizadeh

## List of Publications by Citations

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74  
papers

1,434  
citations

22  
h-index

36  
g-index

81  
ext. papers

1,690  
ext. citations

3.3  
avg, IF

4.63  
L-index

#	Paper	IF	Citations
74	Cellulose acetate electrospun nanofibers for drug delivery systems: Applications and recent advances. <i>Carbohydrate Polymers</i> , <b>2018</b> , 198, 131-141	10.3	165
73	Biosynthesis and recovery of selenium nanoparticles and the effects on matrix metalloproteinase-2 expression. <i>Biotechnology and Applied Biochemistry</i> , <b>2010</b> , 56, 7-15	2.8	110
72	Aging differentially modulates the expression of collagen and collagenase in dermal fibroblasts. <i>Molecular and Cellular Biochemistry</i> , <b>1999</b> , 194, 99-108	4.2	83
71	Two matrix metalloproteinases inhibitors from <i>Ferula persica</i> var. <i>persica</i> . <i>Phytomedicine</i> , <b>2006</b> , 13, 712-715	6.5	56
70	Docetaxel Loaded PEG-PLGA Nanoparticles: Optimized Drug Loading, In-vitro Cytotoxicity and In-vivo Antitumor Effect. <i>Iranian Journal of Pharmaceutical Research</i> , <b>2014</b> , 13, 819-833	1.1	56
69	Anionic linear-globular dendrimer-cis-platinum (II) conjugates promote cytotoxicity in vitro against different cancer cell lines. <i>International Journal of Nanomedicine</i> , <b>2010</b> , 5, 63-75	7.3	55
68	Study of curcumin immunomodulatory effects on reactive astrocyte cell function. <i>International Immunopharmacology</i> , <b>2014</b> , 22, 230-5	5.8	53
67	Antibacterial and antioxidant assessment of cellulose acetate/polycaprolactone nanofibrous mats impregnated with propolis. <i>International Journal of Biological Macromolecules</i> , <b>2019</b> , 140, 1260-1268	7.9	52
66	The in vivo antitumor activity of LHRH targeted methotrexate-human serum albumin nanoparticles in 4T1 tumor-bearing Balb/c mice. <i>International Journal of Pharmaceutics</i> , <b>2012</b> , 431, 183-9	6.5	50
65	Functionalization of ZnO nanoparticles by 3-mercaptopropionic acid for aqueous curcumin delivery: Synthesis, characterization, and anticancer assessment. <i>Materials Science and Engineering C</i> , <b>2017</b> , 79, 465-472	8.3	47
64	Use of biotin targeted methotrexate-human serum albumin conjugated nanoparticles to enhance methotrexate antitumor efficacy. <i>International Journal of Nanomedicine</i> , <b>2011</b> , 6, 1863-74	7.3	45
63	Biotin/Folate-decorated Human Serum Albumin Nanoparticles of Docetaxel: Comparison of Chemically Conjugated Nanostructures and Physically Loaded Nanoparticles for Targeting of Breast Cancer. <i>Chemical Biology and Drug Design</i> , <b>2016</b> , 87, 69-82	2.9	39
62	A pH-sensitive delivery system based on N-succinyl chitosan-ZnO nanoparticles for improving antibacterial and anticancer activities of curcumin. <i>International Journal of Biological Macromolecules</i> , <b>2020</b> , 151, 428-440	7.9	37
61	Anionic linear-globular dendrimers: biocompatible hybrid materials with potential uses in nanomedicine. <i>Journal of Materials Science: Materials in Medicine</i> , <b>2010</b> , 21, 1121-33	4.5	35
60	Nanomaterial based electrochemical sensing of the biomarker serotonin: a comprehensive review. <i>Mikrochimica Acta</i> , <b>2019</b> , 186, 49	5.8	31
59	Dual Anti-Metastatic and Anti-Proliferative Activity Assessment of Two Probiotics on HeLa and HT-29 Cell Lines. <i>Cell Journal</i> , <b>2016</b> , 18, 127-34	2.4	29
58	In silico designing of hyper-glycosylated analogs for the human coagulation factor IX. <i>Journal of Molecular Graphics and Modelling</i> , <b>2016</b> , 68, 39-47	2.8	26

57	IFN-alpha2b suppresses the fibrogenic effects of insulin-like growth factor-1 in dermal fibroblasts. <i>Journal of Interferon and Cytokine Research</i> , <b>1998</b> , 18, 571-7	3.5	26
56	Sodium alginate as a novel therapeutic option in experimental colitis. <i>Scandinavian Journal of Immunology</i> , <b>2005</b> , 61, 316-21	3.4	24
55	Tropisetron upregulates cannabinoid CB1 receptors in cerebellar granule cells: possible involvement of calcineurin. <i>Brain Research</i> , <b>2011</b> , 1417, 1-8	3.7	22
54	Exogenous coenzyme Q10 modulates MMP-2 activity in MCF-7 cell line as a breast cancer cellular model. <i>Nutrition Journal</i> , <b>2010</b> , 9, 62	4.3	22
53	Pectic-Oligosaccharides from Apples Induce Apoptosis and Cell Cycle Arrest in MDA-MB-231 Cells, a Model of Human Breast Cancer. <i>Asian Pacific Journal of Cancer Prevention</i> , <b>2015</b> , 16, 5265-71	1.7	22
52	Flower-like curcumin-loaded folic acid-conjugated ZnO-MPA- $\beta$ -cyclodextrin nanostructures enhanced anticancer activity and cellular uptake of curcumin in breast cancer cells. <i>Materials Science and Engineering C</i> , <b>2019</b> , 103, 109827	8.3	21
51	Electrochemical detection of serotonin: A new approach. <i>Clinica Chimica Acta</i> , <b>2020</b> , 501, 112-119	6.2	21
50	Genetic diversity and natural selection at the domain I of apical membrane antigen-1 (AMA-1) of <i>Plasmodium falciparum</i> in isolates from Iran. <i>Experimental Parasitology</i> , <b>2012</b> , 130, 456-62	2.1	19
49	Molecular Design, Expression and Evaluation of PASylated Human Recombinant Erythropoietin with Enhanced Functional Properties. <i>Protein Journal</i> , <b>2017</b> , 36, 36-48	3.9	18
48	Matrix metalloproteinase 2 secretion in WEHI 164 fibrosarcoma cells is nitric oxide-related and modified by morphine. <i>European Journal of Pharmacology</i> , <b>2006</b> , 530, 33-9	5.3	16
47	Bypassing the need for pre-sensitization of cancer cells for anticancer TRAIL therapy with secretion of novel cell penetrable form of Smac from hA-MSCs as cellular delivery vehicle. <i>Tumor Biology</i> , <b>2015</b> , 36, 4213-21	2.9	14
46	Vector and Cell Line Engineering Technologies Toward Recombinant Protein Expression in Mammalian Cell Lines. <i>Applied Biochemistry and Biotechnology</i> , <b>2018</b> , 185, 986-1003	3.2	14
45	Angiotensin II induces NF- $\kappa$ B, JNK and p38 MAPK activation in monocytic cells and increases matrix metalloproteinase-9 expression in a PKC- and Rho kinase-dependent manner. <i>Brazilian Journal of Medical and Biological Research</i> , <b>2011</b> , 44, 193-9	2.8	14
44	Silencing the wild-type and mutant K-ras increases the resistance to 5-fluorouracil in HCT-116 as a colorectal cancer cell line. <i>Anti-Cancer Drugs</i> , <b>2015</b> , 26, 187-96	2.4	13
43	Investigation of antitumor effects of <i>Lactobacillus crispatus</i> in experimental model of breast cancer in BALB/c mice. <i>Immunotherapy</i> , <b>2018</b> , 10, 119-129	3.8	12
42	Development of new generation of vaccines for. <i>Heliyon</i> , <b>2018</b> , 4, e01079	3.6	11
41	Cell membrane and intracellular expression of toll-like receptor 9 (TLR9) in colorectal cancer and breast cancer cell-lines. <i>Cancer Biomarkers</i> , <b>2017</b> , 18, 375-380	3.8	9
40	The prevalence of cagA and cagE genes in <i>Helicobacter pylori</i> strains isolated from different patient groups by polymerase chain reaction. <i>Pakistan Journal of Biological Sciences</i> , <b>2008</b> , 11, 2579-83	0.8	9

39	Sildenafil attenuates TNBS-induced colitis in rats: possible involvement of cGMP and KATP channels. <i>Fundamental and Clinical Pharmacology</i> , <b>2012</b> , 26, 190-3	3.1	8
38	Tolerability and anti-inflammatory effects of glucuronoxylomannan in collagen-induced arthritis. <i>Scandinavian Journal of Immunology</i> , <b>2004</b> , 60, 226-32	3.4	8
37	Angiotensin II Differentially Induces Matrix Metalloproteinase-9 and Tissue Inhibitor of Metalloproteinase-1 Production and Disturbs MMP/TIMP Balance. <i>Avicenna Journal of Medical Biotechnology</i> , <b>2010</b> , 2, 79-85	1.4	8
36	Expression of recombinant parvalbumin from wolf-herring fish and determination of its IgE-binding capability. <i>Food and Agricultural Immunology</i> , <b>2017</b> , 28, 573-585	2.9	7
35	Inhibitory effect of <i>Aspergillus fumigatus</i> extract on matrix metalloproteinases expression. <i>Mycopathologia</i> , <b>2004</b> , 158, 33-7	2.9	7
34	Beneficial effects of cold atmospheric plasma on inflammatory phase of diabetic foot ulcers; a randomized clinical trial. <i>Journal of Diabetes and Metabolic Disorders</i> , <b>2020</b> , 19, 895-905	2.5	7
33	Determination of the biomarker L-tryptophan level in diabetic and normal human serum based on an electrochemical sensing method using reduced graphene oxide/gold nanoparticles/18-crown-6. <i>Analytical and Bioanalytical Chemistry</i> , <b>2020</b> , 412, 3615-3627	4.4	7
32	Dermal Wound Fibroblasts and Matrix Metalloproteinases (MMPs): Their Possible Role in Allergic Contact Dermatitis. <i>Iranian Journal of Allergy, Asthma and Immunology</i> , <b>2004</b> , 3, 7-11	1.1	7
31	Assessment of cytokine expression profile in acute myeloid leukemia patients before and after chemotherapy. <i>Turkish Journal of Haematology</i> , <b>2014</b> , 31, 149-54	0.9	6
30	The effects of N-acetylcysteine on the expression of matrix metalloproteinase-2 and tissue inhibitor of matrix metalloproteinase-2 in hepatic fibrosis in bile duct ligated rats. <i>Hepatology Research</i> , <b>2008</b> , 38, 1252-63	5.1	6
29	Concomitant reduction of matrix metalloproteinase-2 secretion and intracellular reactive oxygen species following anti-sense inhibition of telomerase activity in PC-3 prostate carcinoma cells. <i>Molecular and Cellular Biochemistry</i> , <b>2005</b> , 273, 109-16	4.2	6
28	Collagen Extracted from Persian Gulf Squid Exhibits Anti-Cytotoxic Properties on Apple Pectic Treated Cells: Assessment in an In Vitro Bioassay Model. <i>Iranian Journal of Public Health</i> , <b>2016</b> , 45, 1054-1063	0.7	6
27	Production and characterization of liquid-stored and lyophilized reconstituted human infusible platelet membranes. <i>International Journal of Laboratory Hematology</i> , <b>2011</b> , 33, 586-92	2.5	5
26	Concomitant chemopreventive and antibacterial effects of some Iranian plants from the genus <i>Cousinia</i> (Asteraceae). <i>Revista Brasileira De Farmacognosia</i> , <b>2007</b> , 17, 325-330	2	5
25	Effect of Passage Number and Culture Time on the Expression and Activity of Insulin-Degrading Enzyme in Caco-2 Cells. <i>Iranian Biomedical Journal</i> , <b>2018</b> , 22, 70-5	2	5
24	Down-regulation of the ALS3 gene as a consequent effect of RNA-mediated silencing of the EFG1 gene in <i>Candida albicans</i> . <i>Iranian Biomedical Journal</i> , <b>2012</b> , 16, 172-8	2	5
23	Concurrent metformin and silibinin therapy in diabetes: assessments in zebrafish () animal model. <i>Journal of Diabetes and Metabolic Disorders</i> , <b>2020</b> , 19, 1233-1244	2.5	5
22	Interaction of CpG-oligodeoxynucleotides with Toll like receptor 9 induces apoptosis and modulates metalloproteinase-2 activity in human intestinal epithelium. <i>Iranian Journal of Allergy, Asthma and Immunology</i> , <b>2007</b> , 6, 107-14	1.1	5

21	Genetic polymorphism at the C-terminal domain (region III) of knob-associated histidine-rich protein (KAHRP) of Plasmodium falciparum in isolates from Iran. <i>Parasitology Research</i> , <b>2011</b> , 109, 1647-52	2.4	4
20	Determination of gelatinase A using a modified indirect hemagglutination assay in human prostate cancer screening and assessment of its correlation with prostate-specific antigen parameters. <i>International Journal of Urology</i> , <b>2005</b> , 12, 637-43	2.3	4
19	Chemoprevention by pyrimethamine. <i>Immunopharmacology and Immunotoxicology</i> , <b>2005</b> , 27, 233-40	3.2	4
18	uPAR peptide antagonist alters regulation of MAP kinases and Bcl-2 family members in favor of apoptosis in MDA-MB-231 cell line. <i>Research in Pharmaceutical Sciences</i> , <b>2015</b> , 10, 200-5	2.6	4
17	Targeted Intracellular Heat Transfer in Cancer Therapy: Assessment of Asparagine-laminated Gold Nanoparticles in Cell Model of T cell Leukemia. <i>Iranian Journal of Public Health</i> , <b>2017</b> , 46, 357-367	0.7	4
16	Down-regulation of sidB gene by use of RNA interference in Aspergillus nidulans. <i>Iranian Biomedical Journal</i> , <b>2014</b> , 18, 55-9	2	4
15	Cloning and expression of human bone morphogenetic protein-2 gene in Leishmania tarentolae. <i>Biocatalysis and Agricultural Biotechnology</i> , <b>2016</b> , 5, 199-203	4.2	3
14	In silico studying of the whole protein structure and dynamics of Dickkopf family members showed that N-terminal domain of Dickkopf 2 in contrary to other Dickkopfs facilitates its interaction with low density lipoprotein receptor related protein 5/6. <i>Journal of Biomolecular Structure and Dynamics</i> , <b>2019</b> , 37, 2564-2580	3.6	3
13	Serotonin level as a potent diabetes biomarker based on electrochemical sensing: a new approach in a zebra fish model. <i>Analytical and Bioanalytical Chemistry</i> , <b>2021</b> , 413, 1615-1627	4.4	3
12	Comparative Assessment on the Expression Level of Recombinant Human Follicle-Stimulating Hormone (FSH) in Serum-Containing Versus Protein-Free Culture Media. <i>Molecular Biotechnology</i> , <b>2017</b> , 59, 490-498	3	2
11	Evaluation of optimal concentration and exposure duration of valproic acid alone or in combination with ViraDuctin to augment adenovirus transduction in human adipose stem cells. <i>Cytotherapy</i> , <b>2014</b> , 16, 612-8	4.8	2
10	Potential efficacy of Lactobacillus casei IBRC_M10711 on expression and activity of insulin degrading enzyme but not insulin degradation. <i>In Vitro Cellular and Developmental Biology - Animal</i> , <b>2017</b> , 53, 12-19	2.6	2
9	Anti-inflammatory effects of serum isolated from animals on intermittent feeding in C6 glioma cell line. <i>Neuroscience Letters</i> , <b>2011</b> , 487, 32-5	3.3	1
8	Two matrix metalloproteinase inhibitors from scrophularia striata boiss. <i>Iranian Journal of Pharmaceutical Research</i> , <b>2014</b> , 13, 149-55	1.1	1
7	Design and Construction of a Fusion Peptide Containing B1, B2, B4, and EPC1 Epitopes for Diagnosis of Human Cystic Echinococcosis. <i>Iranian Journal of Public Health</i> , <b>2019</b> , 48, 1671-1680	0.7	1
6	Gut microbiota alteration by Lactobacillus rhamnosus reduces pro-inflammatory cytokines and glucose level in the adult model of Zebrafish. <i>BMC Research Notes</i> , <b>2021</b> , 14, 302	2.3	1
5	Animal Models for Human Disease <b>2014</b> , 139-154		0
4	Assessment of resveratrol on diabetes of zebrafish (Danio rerio). <i>Journal of Diabetes and Metabolic Disorders</i> , <b>2011</b> , 10, 1-5	2.5	0

- 3 Optimization and Comparison of Different Methods and Factors for Efficient Transformation of RB51 strain. *Advanced Biomedical Research*, **2019**, 8, 37 1.2 0
- 2 Functional Deimmunization of Interferon Beta-1b by Identifying and Silencing Human T Cells Epitopes. *Iranian Journal of Allergy, Asthma and Immunology*, **2019**, 18, 427-440 1.1
- 1 Adenosine pretreatment attenuates angiotensin II-mediated p38 MAPK activation in a protein kinase A dependent manner. *Asian Biomedicine*, **2010**, 4, 721-729 0.4