

# Mohammad Reza Khorramizadeh

## List of Publications by Year in descending order

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79  
papers

2,028  
citations

293460

24  
h-index

299063

42  
g-index

81  
all docs

81  
docs citations

81  
times ranked

3738  
citing authors

#	ARTICLE	IF	CITATIONS
1	Assessment of resveratrol on diabetes of zebrafish ( <i>Danio rerio</i> ). <i>Journal of Diabetes and Metabolic Disorders</i> , 2022, 21, 823-833.	0.8	5
2	Interactive relationship between Trp metabolites and gut microbiota: The impact on human pathology of disease. <i>Journal of Applied Microbiology</i> , 2022, 132, 4186-4207.	1.4	4
3	Design and Characterization of a Recombinant <i>Brucella abortus</i> RB51 Vaccine That Elicits Enhanced T Cell-Mediated Immune Response. <i>Vaccines</i> , 2022, 10, 388.	2.1	1
4	Evaluation of a novel <i>Echinococcus granulosus</i> recombinant fusion B-EpC1 antigen for the diagnosis of human cystic echinococcosis using indirect ELISA in comparison with a commercial diagnostic ELISA kit. <i>Experimental Parasitology</i> , 2022, 240, 108339.	0.5	2
5	Gut microbiota alteration by <i>Lactobacillus rhamnosus</i> reduces pro-inflammatory cytokines and glucose level in the adult model of Zebrafish. <i>BMC Research Notes</i> , 2021, 14, 302.	0.6	9
6	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> , 2021, 413, 1615-1627.	1.9	15
7	Electrochemical detection of serotonin: A new approach. <i>Clinica Chimica Acta</i> , 2020, 501, 112-119.	0.5	53
8	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> , 2020, 19, 895-905.	0.8	26
9	Concurrent metformin and silibinin therapy in diabetes: assessments in zebrafish ( <i>Danio rerio</i> ) animal model. <i>Journal of Diabetes and Metabolic Disorders</i> , 2020, 19, 1233-1244.	0.8	10
10	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> , 2020, 151, 428-440.	3.6	83
11	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> , 2020, 412, 3615-3627.	1.9	21
12	<i>In silico</i> 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> , 2019, 37, 2564-2580.	2.0	6
13	Antibacterial and antioxidant assessment of cellulose acetate/polycaprolactone nanofibrous mats impregnated with propolis. <i>International Journal of Biological Macromolecules</i> , 2019, 140, 1260-1268.	3.6	86
14	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> , 2019, 103, 109827.	3.8	38
15	Nanomaterial based electrochemical sensing of the biomarker serotonin: a comprehensive review. <i>Mikrochimica Acta</i> , 2019, 186, 49.	2.5	56
16	Optimization and Comparison of Different Methods and Factors for Efficient Transformation of <i>Brucella abortus</i> RB51 strain. <i>Advanced Biomedical Research</i> , 2019, 8, 37.	0.2	4
17	Functional Deimmunization of Interferon Beta-1b by Identifying and Silencing Human T Cells Epitopes. <i>Iranian Journal of Allergy, Asthma and Immunology</i> , 2019, 18, 427-440.	0.3	4
18	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> , 2019, 48, 1671-1680.	0.3	1

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19	Vector and Cell Line Engineering Technologies Toward Recombinant Protein Expression in Mammalian Cell Lines. <i>Applied Biochemistry and Biotechnology</i> , 2018, 185, 986-1003.	1.4	20
20	Investigation of antitumor effects of <i>Lactobacillus crispatus</i> in experimental model of breast cancer in BALB/c mice. <i>Immunotherapy</i> , 2018, 10, 119-129.	1.0	13
21	Development of new generation of vaccines for <i>Brucella abortus</i> . <i>Heliyon</i> , 2018, 4, e01079.	1.4	26
22	Inhibition of Insulin Degrading Enzyme and Insulin Degradation by UV-Killed <i>Lactobacillus acidophilus</i> . <i>Medical Sciences (Basel, Switzerland)</i> , 2018, 6, 36.	1.3	0
23	Cellulose acetate electrospun nanofibers for drug delivery systems: Applications and recent advances. <i>Carbohydrate Polymers</i> , 2018, 198, 131-141.	5.1	239
24	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> , 2018, 22, 70-5.	0.4	6
25	Molecular Design, Expression and Evaluation of PASylated Human Recombinant Erythropoietin with Enhanced Functional Properties. <i>Protein Journal</i> , 2017, 36, 36-48.	0.7	25
26	Functionalization of ZnO nanoparticles by 3-mercaptopropionic acid for aqueous curcumin delivery: Synthesis, characterization, and anticancer assessment. <i>Materials Science and Engineering C</i> , 2017, 79, 465-472.	3.8	76
27	Expression of recombinant parvalbumin from wolf-herring fish and determination of its IgE-binding capability. <i>Food and Agricultural Immunology</i> , 2017, 28, 573-585.	0.7	9
28	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> , 2017, 59, 490-498.	1.3	3
29	Potential efficacy of <i>Lactobacillus casei</i> IBRC_M10711 on expression and activity of insulin degrading enzyme but not insulin degradation. <i>In Vitro Cellular and Developmental Biology - Animal</i> , 2017, 53, 12-19.	0.7	2
30	Cell membrane and intracellular expression of toll-like receptor 9 (TLR9) in colorectal cancer and breast cancer cell-lines. <i>Cancer Biomarkers</i> , 2017, 18, 375-380.	0.8	18
31	HMW1555-914, HMW2553-916, and Hia585-705 as Subunit Vaccine Candidates of Nontypeable <i>Haemophilus influenzae</i> Induce Specific Antibody Responses with Bactericidal Activity in Balb/c. <i>Jundishapur Journal of Microbiology</i> , 2017, 11, .	0.2	0
32	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> , 2017, 46, 357-367.	0.3	5
33	In silico designing of hyper-glycosylated analogs for the human coagulation factor IX. <i>Journal of Molecular Graphics and Modelling</i> , 2016, 68, 39-47.	1.3	38
34	Cloning and expression of human bone morphogenetic protein-2 gene in <i>Leishmania tarentolae</i> . <i>Biocatalysis and Agricultural Biotechnology</i> , 2016, 5, 199-203.	1.5	3
35	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> , 2016, 87, 69-82.	1.5	45
36	Dual Anti-Metastatic and Anti-Proliferative Activity Assessment of Two Probiotics on HeLa and HT-29 Cell Lines. <i>Cell Journal</i> , 2016, 18, 127-34.	0.2	45

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37	Collagen Extracted from Persian Gulf Squid Exhibits Anti-Cytotoxic Properties on Apple Pectic Treated Cells: Assessment in an In Vitro Bioassay Model. Iranian Journal of Public Health, 2016, 45, 1054-1063.	0.3	7
38	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. Tumor Biology, 2015, 36, 4213-4221.	0.8	18
39	Silencing the wild-type and mutant K-ras increases the resistance to 5-fluorouracil in HCT-116 as a colorectal cancer cell line. Anti-Cancer Drugs, 2015, 26, 187-196.	0.7	15
40	Pectic-Oligosaccharides from Apples Induce Apoptosis and Cell Cycle Arrest in MDA-MB-231 Cells, a Model of Human Breast Cancer. Asian Pacific Journal of Cancer Prevention, 2015, 16, 5265-5271.	0.5	32
41	uPAR peptide antagonist alters regulation of MAP kinases and Bcl-2 family members in favor of apoptosis in MDA-MB-231 cell line. Research in Pharmaceutical Sciences, 2015, 10, 200-5.	0.6	5
42	Assessment of Cytokine Expression Profile in Acute Myeloid Leukemia Patients Before and After Chemotherapy. Turkish Journal of Haematology, 2014, 31, 149-154.	0.2	9
43	Animal Models for Human Disease. , 2014, , 139-154.		1
44	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. Cytotherapy, 2014, 16, 612-618.	0.3	2
45	Study of curcumin immunomodulatory effects on reactive astrocyte cell function. International Immunopharmacology, 2014, 22, 230-235.	1.7	71
46	Down-regulation of sidB gene by use of RNA interference in Aspergillus nidulans. Iranian Biomedical Journal, 2014, 18, 55-9.	0.4	5
47	Two matrix metalloproteinase inhibitors from scrophularia striata boiss. Iranian Journal of Pharmaceutical Research, 2014, 13, 149-55.	0.3	1
48	Docetaxel Loaded PEG-PLGA Nanoparticles: Optimized Drug Loading, In-vitro Cytotoxicity and In-vivo Antitumor Effect. Iranian Journal of Pharmaceutical Research, 2014, 13, 819-33.	0.3	57
49	Sildenafil attenuates TNBS-induced colitis in rats: possible involvement of cGMP and K <sub>ATP</sub> channels. Fundamental and Clinical Pharmacology, 2012, 26, 190-193.	1.0	10
50	Genetic diversity and natural selection at the domain I of apical membrane antigen-1 (AMA-1) of Plasmodium falciparum in isolates from Iran. Experimental Parasitology, 2012, 130, 456-462.	0.5	22
51	The in vivo antitumor activity of LHRH targeted methotrexate-human serum albumin nanoparticles in 4T1 tumor-bearing Balb/c mice. International Journal of Pharmaceutics, 2012, 431, 183-189.	2.6	55
52	Down-regulation of the ALS3 gene as a consequent effect of RNA-mediated silencing of the EFG1 gene in Candida albicans. Iranian Biomedical Journal, 2012, 16, 172-8.	0.4	8
53	Anti-inflammatory effects of serum isolated from animals on intermittent feeding in C6 glioma cell line. Neuroscience Letters, 2011, 487, 32-35.	1.0	2
54	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. Brazilian Journal of Medical and Biological Research, 2011, 44, 193-199.	0.7	16

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55	Production and characterization of liquid-stored and lyophilized reconstituted human infusible platelet membranes. <i>International Journal of Laboratory Hematology</i> , 2011, 33, 586-592.	0.7	7
56	Tropisetron upregulates cannabinoid CB1 receptors in cerebellar granule cells: Possible involvement of calcineurin. <i>Brain Research</i> , 2011, 1417, 1-8.	1.1	23
57	Genetic polymorphism at the C-terminal domain (region III) of knob-associated histidine-rich protein (KAHRP) of <i>Plasmodium falciparum</i> in isolates from Iran. <i>Parasitology Research</i> , 2011, 109, 1647-1652.	0.6	5
58	Use of biotin targeted methotrexate&ndash;human serum albumin conjugated nanoparticles to enhance methotrexate antitumor efficacy. <i>International Journal of Nanomedicine</i> , 2011, 6, 1863.	3.3	51
59	Biosynthesis and recovery of selenium nanoparticles and the effects on matrix metalloproteinase&#x2013;2 expression. <i>Biotechnology and Applied Biochemistry</i> , 2010, 56, 7-15.	1.4	151
60	Anionic linear-globular dendrimers: biocompatible hybrid materials with potential uses in nanomedicine. <i>Journal of Materials Science: Materials in Medicine</i> , 2010, 21, 1121-1133.	1.7	44
61	Anionic linear-globular dendrimer-cis-platinum (II) conjugates promote cytotoxicity in vitro against different cancer cell lines. <i>International Journal of Nanomedicine</i> , 2010, 5, 63.	3.3	66
62	Exogenous coenzyme Q10 modulates MMP-2 activity in MCF-7 cell line as a breast cancer cellular model. <i>Nutrition Journal</i> , 2010, 9, 62.	1.5	30
63	Adenosine pretreatment attenuates angiotensin II-mediated p38 MAPK activation in a protein kinase A dependent manner. <i>Asian Biomedicine</i> , 2010, 4, 721-729.	0.2	0
64	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> , 2010, 2, 79-85.	0.2	9
65	The effects of N&#x2013;acetylcysteine on the expression of matrix metalloproteinase&#x2013;2 and tissue inhibitor of matrix metalloproteinase&#x2013;1 in hepatic fibrosis in bile duct ligated rats. <i>Hepatology Research</i> , 2008, 38, 1252-1263.	1.8	8
66	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> , 2008, 11, 2579-2583.	0.2	12
67	Concomitant chemopreventive and antibacterial effects of some Iranian plants from the genus <i>Cousinia</i> (Asteraceae). <i>Revista Brasileira De Farmacognosia</i> , 2007, 17, 325-330.	0.6	6
68	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> , 2007, 6, 107-14.	0.3	6
69	Matrix metalloproteinase 2 secretion in WEHI 164 fibrosarcoma cells is nitric oxide-related and modified by morphine. <i>European Journal of Pharmacology</i> , 2006, 530, 33-39.	1.7	18
70	Two matrix metalloproteinases inhibitors from <i>Ferula persica</i> var. <i>persica</i> . <i>Phytomedicine</i> , 2006, 13, 712-717.	2.3	62
71	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> , 2005, 12, 637-643.	0.5	6
72	Sodium Alginate as a Novel Therapeutic Option in Experimental Colitis. <i>Scandinavian Journal of Immunology</i> , 2005, 61, 316-321.	1.3	31

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73	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> , 2005, 273, 109-116.	1.4	7
74	Chemoprevention by Pyrimethamine. <i>Immunopharmacology and Immunotoxicology</i> , 2005, 27, 233-240.	1.1	5
75	Tolerability and Anti-Inflammatory Effects of Glucuronoxylomannan in Collagen-Induced Arthritis. <i>Scandinavian Journal of Immunology</i> , 2004, 60, 226-232.	1.3	8
76	Inhibitory Effect of <i>Aspergillus fumigatus</i> Extract on matrix metalloproteinases Expression. <i>Mycopathologia</i> , 2004, 158, 33-37.	1.3	8
77	Dermal Wound Fibroblasts and Matrix Metaloproteinases (MMPs): Their Possible Role in Allergic Contact Dermatitis. <i>Iranian Journal of Allergy, Asthma and Immunology</i> , 2004, 3, 7-11.	0.3	8
78	Aging differentially modulates the expression of collagen and collagenase in dermal fibroblasts. <i>Molecular and Cellular Biochemistry</i> , 1999, 194, 99-108.	1.4	90
79	IFN- $\gamma$ Suppresses the Fibrogenic Effects of Insulin-Like Growth Factor-1 in Dermal Fibroblasts. <i>Journal of Interferon and Cytokine Research</i> , 1998, 18, 571-577.	0.5	32