

# Mohammad Rahmati-Yamchi

## List of Publications by Year in descending order

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Version: 2024-02-01

62  
papers

1,075  
citations

430442

18  
h-index

454577

30  
g-index

63  
all docs

63  
docs citations

63  
times ranked

1706  
citing authors

#	ARTICLE	IF	CITATIONS
1	A Comparison between the cytotoxic effects of pure curcumin and curcumin-loaded PLGA-PEG nanoparticles on the MCF-7 human breast cancer cell line. <i>Artificial Cells, Nanomedicine and Biotechnology</i> , 2016, 44, 423-430.	1.9	90
2	An <i>in vitro</i> examination of the antioxidant, cytoprotective and anti-inflammatory properties of chrysin-loaded nanofibrous mats for potential wound healing applications. <i>Artificial Cells, Nanomedicine and Biotechnology</i> , 2018, 46, 706-716.	1.9	77
3	Comprehensive study to investigate the role of various aminoglycoside resistance mechanisms in clinical isolates of <i>Acinetobacter baumannii</i> . <i>Journal of Infection and Chemotherapy</i> , 2017, 23, 74-79.	0.8	56
4	Cytoprotection, proliferation and epidermal differentiation of adipose tissue-derived stem cells on emu oil based electrospun nanofibrous mat. <i>Experimental Cell Research</i> , 2017, 357, 192-201.	1.2	55
5	Novel Chemo-Photothermal Therapy in Breast Cancer Using Methotrexate-Loaded Folic Acid Conjugated Au@SiO <sub>2</sub> Nanoparticles. <i>Nanoscale Research Letters</i> , 2020, 15, 62.	3.1	52
6	Regulation and modulation of PTEN activity. <i>Molecular Biology Reports</i> , 2018, 45, 2869-2881.	1.0	47
7	Protein detection through different platforms of immuno-loop-mediated isothermal amplification. <i>Nanoscale Research Letters</i> , 2013, 8, 485.	3.1	42
8	Fenugreek extract diosgenin and pure diosgenin inhibit the hTERT gene expression in A549 lung cancer cell line. <i>Molecular Biology Reports</i> , 2014, 41, 6247-6252.	1.0	41
9	Synergistic Antiproliferative Effects of Co-nanoencapsulated Curcumin and Chrysin on MDA-MB-231 Breast Cancer Cells Through Upregulating miR-132 and miR-502c. <i>Nutrition and Cancer</i> , 2019, 71, 1201-1213.	0.9	41
10	The roles of p53R2 in cancer progression based on the new function of mutant p53 and cytoplasmic p21. <i>Life Sciences</i> , 2014, 99, 14-17.	2.0	40
11	PNIPAAm-MAA nanoparticles as delivery vehicles for curcumin against MCF-7 breast cancer cells. <i>Artificial Cells, Nanomedicine and Biotechnology</i> , 2016, 44, 735-742.	1.9	35
12	Preparation and characterization of novel electrospun poly( $\epsilon$ -caprolactone)-based nanofibrous scaffolds. <i>Artificial Cells, Nanomedicine and Biotechnology</i> , 2016, 44, 504-509.	1.9	32
13	Watercross-linked gold nanoparticles: biosynthesis, mechanism of formation and study of their biocompatibility <i>in vitro</i> . <i>Micro and Nano Letters</i> , 2014, 9, 345-350.	0.6	31
14	AS1411 aptamer-functionalized chitosan-silica nanoparticles for targeted delivery of epigallocatechin gallate to the SKOV-3 ovarian cancer cell lines. <i>Journal of Nanoparticle Research</i> , 2020, 22, 1.	0.8	30
15	Chitosan-based nanotherapeutics for ovarian cancer treatment. <i>Journal of Drug Targeting</i> , 2019, 27, 839-852.	2.1	29
16	Effects of artichoke leaf extract supplementation on metabolic parameters in women with metabolic syndrome: Influence of TCF7L2 rs7903146 and FTO rs9939609 polymorphisms. <i>Phytotherapy Research</i> , 2018, 32, 84-93.	2.8	27
17	Frequency of Aminoglycoside-Modifying Enzymes and ArmA Among Different Sequence Groups of <i>Acinetobacter baumannii</i> in Iran. <i>Microbial Drug Resistance</i> , 2016, 22, 347-353.	0.9	22
18	MicroRNAs and adipocytokines: Promising biomarkers for pharmacological targets in diabetes mellitus and its complications. <i>Biomedicine and Pharmacotherapy</i> , 2017, 93, 1326-1336.	2.5	21

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19	Suppressing the metastatic properties of the breast cancer cells using STAT3 decoy oligodeoxynucleotides: A promising approach for eradication of cancer cells by differentiation therapy. <i>Journal of Cellular Physiology</i> , 2020, 235, 5429-5444.	2.0	19
20	Positive Effects of PI3K/Akt Signaling Inhibition on PTEN and P53 in Prevention of Acute Lymphoblastic Leukemia Tumor Cells. <i>Advanced Pharmaceutical Bulletin</i> , 2019, 9, 470-480.	0.6	18
21	Plasma Leptin, hTERT Gene Expression, and Anthropometric Measures in Obese and Non-Obese Women with Breast Cancer. <i>Breast Cancer: Basic and Clinical Research</i> , 2011, 5, BCBCR.S6734.	0.6	17
22	Boswellia serrata gum resin aqueous extract upregulates BDNF but not CREB expression in adult male rat hippocampus. <i>Turkish Journal of Medical Sciences</i> , 2016, 46, 1573-1578.	0.4	17
23	Recombinant immunotoxins development for HER2-based targeted cancer therapies. <i>Cancer Cell International</i> , 2021, 21, 470.	1.8	16
24	Design, expression and evaluation of a novel humanized single chain antibody against epidermal growth factor receptor (EGFR). <i>Protein Expression and Purification</i> , 2016, 127, 8-15.	0.6	14
25	The anticancer effects of biodegradable nanomagnetic dual natural components on the leptin gene expression in lung cancer. <i>Artificial Cells, Nanomedicine and Biotechnology</i> , 2016, 44, 1753-1763.	1.9	12
26	Evaluation of STAT3 decoy oligodeoxynucleotides' synergistic effects on radiation and/or chemotherapy in metastatic breast cancer cell line. <i>Cell Biology International</i> , 2020, 44, 2499-2511.	1.4	12
27	The effects of short-term moderate intensity aerobic exercise and long-term detraining on electrocardiogram indices and cardiac biomarkers in postmenopausal women. <i>Journal of Electrocardiology</i> , 2020, 60, 15-22.	0.4	12
28	New Developments in Anti-Angiogenic Therapy of Cancer, Review and Update. <i>Anti-Cancer Agents in Medicinal Chemistry</i> , 2020, 21, 3-19.	0.9	12
29	Effects of Lactobacillus and probiotics on the serum biochemical parameters, and the vitamin D and leptin receptor genes on mice colon cancer. <i>Iranian Journal of Basic Medical Sciences</i> , 2019, 22, 631-636.	1.0	12
30	Facile green synthesis of bismuth sulfide radiosensitizer <i>via</i> biom mineralization of albumin natural molecule for chemoradiation therapy aim. <i>Artificial Cells, Nanomedicine and Biotechnology</i> , 2019, 47, 3832-3838.	1.9	10
31	Beta-Boswellic Acid and Ethanolic Extract of Olibanum Regulating the Expression Levels of and Genes. <i>Iranian Journal of Pharmaceutical Research</i> , 2019, 18, 877-886.	0.3	10
32	Impaired expression of Drosha in breast cancer. <i>Breast Disease</i> , 2017, 37, 55-62.	0.4	9
33	Serum Levels of Vaspin and Its Correlation with Nitric Oxide in Type 2 Diabetic Patients with Nephropathy. <i>Current Diabetes Reviews</i> , 2018, 14, 162-167.	0.6	9
34	Vanillic Acid and Non-Alcoholic Fatty Liver Disease: A Focus on AMPK in Adipose and Liver Tissues. <i>Current Pharmaceutical Design</i> , 2021, 27, 4686-4692.	0.9	8
35	Amygdalin Decreases Adhesion and Migration of MDA-MB-231 and MCF-7 Breast Cancer Cell Lines. <i>Current Molecular Pharmacology</i> , 2021, 14, 667-675.	0.7	8
36	ABT-737, Synergistically Enhances Daunorubicin-Mediated Apoptosis in Acute Myeloid Leukemia Cell Lines. <i>Advanced Pharmaceutical Bulletin</i> , 2014, 4, 185-9.	0.6	7

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37	Gold nanoprobe-based method for sensing activated leukocyte cell adhesion molecule (ALCAM) gene expression, as a breast cancer biomarker. <i>Artificial Cells, Nanomedicine and Biotechnology</i> , 2017, 45, 277-282.	1.9	6
38	pH sensitive insulin-loaded nanohydrogel increases the effect of oral insulin in diabetic rats. <i>Artificial Cells, Nanomedicine and Biotechnology</i> , 2017, 45, 1222-1226.	1.9	6
39	A Comparison of the Anti-Cancer Effects of Free and PLGA-PAA Encapsulated Hydroxytyrosol on the HT-29 Colorectal Cancer Cell Line. <i>Anti-Cancer Agents in Medicinal Chemistry</i> , 2022, 22, 390-394.	0.9	6
40	The Effect of Oral Administration of PUFAs on the Matrix Metalloproteinase Expression in Gastric Adenocarcinoma Patients Undergoing Chemotherapy. <i>Nutrition and Cancer</i> , 2019, 71, 444-451.	0.9	5
41	The effect of moderate-intensity aerobic training on pulmonary function and estrogen receptor-alpha gene in postmenopausal women with vitamin D deficiency: A randomized control trial. <i>Respiratory Physiology and Neurobiology</i> , 2020, 281, 103510.	0.7	5
42	Comparison Between $\beta$ -Cyclodextrin-Amygdalin Nanoparticle and Amygdalin Effects on Migration and Apoptosis of MCF-7 Breast Cancer Cell Line. <i>Journal of Cluster Science</i> , 2022, 33, 935-947.	1.7	5
43	Recent Advances in the Scaffold Engineering of Protein Binders. <i>Current Pharmaceutical Biotechnology</i> , 2021, 22, 878-891.	0.9	5
44	Correlation Between Dexamethasone and miRNAs in the Regulation of Apoptosis, Drug-resistance, and Metastasis of Cancer Cell. <i>Current Molecular Medicine</i> , 2021, 21, 392-401.	0.6	5
45	Purification of a Novel Anti-VEGFR2 Single Chain Antibody Fragment and Evaluation of Binding Affinity by Surface Plasmon Resonance. <i>Advanced Pharmaceutical Bulletin</i> , 2019, 9, 64-69.	0.6	5
46	HesA Effects on Cell Cycle Signaling in Esophageal Carcinoma Cell Line. <i>Middle East Journal of Digestive Diseases</i> , 2016, 8, 297-302.	0.2	5
47	Clofarabine Has Apoptotic Effect on T47D Breast Cancer Cell Line via P53R2 Gene Expression. <i>Advanced Pharmaceutical Bulletin</i> , 2015, 5, 471-476.	0.6	4
48	Association Between Matrix Metalloproteinase-3 Activity and Glomerular Filtration Rate and Albuminuria Status in Patients With Type 2 Diabetes Mellitus. <i>Iranian Journal of Kidney Diseases</i> , 2018, 12, 40-47.	0.1	4
49	Enhanced in Vitro Anti-Tumor Activity of 5-Azacytidine by Entrapment into Solid Lipid Nanoparticles. <i>Advanced Pharmaceutical Bulletin</i> , 2016, 6, 367-375.	0.6	3
50	The Effect of Beta-Boswellic Acid on the Expression of <i>Camk4</i> and <i>Camk2<math>\delta</math></i> Genes in the PC12 Cell Line. <i>Advanced Pharmaceutical Bulletin</i> , 2020, 10, 437-443.	0.6	3
51	Correlation Between Circulating Visfatin and Nitric Oxide Metabolites Levels in Patients With Diabetic Nephropathy. <i>Iranian Journal of Kidney Diseases</i> , 2018, 12, 163-168.	0.1	3
52	Immune response of newborn BALB/c mice to <i>Cryptosporidium</i> infection. <i>Journal of Parasitic Diseases</i> , 2016, 40, 1066-1070.	0.4	2
53	Isolation of a novel Anti-KDR3 Single-chain Variable Fragment Antibody from a Phage Display Library. <i>Iranian Journal of Allergy, Asthma and Immunology</i> , 2019, 18, 289-299.	0.3	2
54	Investigation of the Anti-Cancer Effects of Free and PLGA-PAA Encapsulated Hydroxytyrosol on the MCF-7 Breast Cancer Cell Line. <i>Current Molecular Medicine</i> , 2022, 22, 657-662.	0.6	2

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55	The Potential Therapeutic Value of Renin-Angiotensin System Inhibitors in the Treatment of Colorectal Cancer. <i>Current Pharmaceutical Design</i> , 2021, 27, .	0.9	2
56	Dexamethasone Reduces Cell Adhesion and Migration of T47D Breast Cancer Cell Line. <i>Anti-Cancer Agents in Medicinal Chemistry</i> , 2022, 22, 2494-2501.	0.9	2
57	Inhibition of angiotensin II type 1 receptor by candesartan reduces tumor growth and ameliorates fibrosis in colorectal cancer. <i>EXCLI Journal</i> , 2021, 20, 863-878.	0.5	2
58	Apelin-13 serum levels in type 2 diabetic obese women: possible relations with microRNAs-107 and 375. <i>Turkish Journal of Biochemistry</i> , 2019, 44, 667-675.	0.3	1
59	Column-free purification and coating of SpyCatcher protein on ELISA wells generates universal solid support for capturing of SpyTag-fusion protein from the non-purified condition. <i>Protein Expression and Purification</i> , 2020, 174, 105650.	0.6	1
60	A Novel De Novo Dominant Mutation in GJB2 Gene Associated with a Sporadic Case of Nonsyndromic Sensorineural Hearing Loss. <i>Iranian Journal of Public Health</i> , 2014, 43, 1710-3.	0.3	0
61	Rational Design of Anti-Angiogenic Peptides to Inhibit VEGF/VEGFR2 Interactions for Cancer Therapeutics. <i>Anti-Cancer Agents in Medicinal Chemistry</i> , 2021, 21, .	0.9	0
62	A novel compound heterozygous mutation (35delG, 363delC) in the Connexin 26 gene causes non-syndromic autosomal recessive hearing loss. <i>Acta Medica Iranica</i> , 2014, 52, 638-40.	0.8	0