

# Behrooz Johari

## List of Publications by Citations

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49  
papers

564  
citations

13  
h-index

22  
g-index

50  
ext. papers

745  
ext. citations

4  
avg, IF

4.17  
L-index

#	Paper	IF	Citations
49	Antibody-drug conjugates (ADCs) for cancer therapy: Strategies, challenges, and successes. <i>Journal of Cellular Physiology</i> , <b>2019</b> , 234, 5628-5642	7	98
48	Fabrication and in vivo evaluation of an osteoblast-conditioned nano-hydroxyapatite/gelatin composite scaffold for bone tissue regeneration. <i>Journal of Biomedical Materials Research - Part A</i> , <b>2016</b> , 104, 2001-10	5.4	46
47	Repair of rat critical size calvarial defect using osteoblast-like and umbilical vein endothelial cells seeded in gelatin/hydroxyapatite scaffolds. <i>Journal of Biomedical Materials Research - Part A</i> , <b>2016</b> , 104, 1770-8	5.4	36
46	Osteoblast-seeded bioglass/gelatin nanocomposite: a promising bone substitute in critical-size calvarial defect repair in rat. <i>International Journal of Artificial Organs</i> , <b>2016</b> , 39, 524-533	1.9	35
45	Preparation and investigation of indirubin-loaded SLN nanoparticles and their anti-cancer effects on human glioblastoma U87MG cells. <i>Cell Biology International</i> , <b>2019</b> , 43, 2-11	4.5	28
44	Investigating the effects of electrical stimulation via gold nanoparticles on in vitro neurite outgrowth: Perspective to nerve regeneration. <i>Microelectronic Engineering</i> , <b>2017</b> , 173, 1-5	2.5	20
43	A review on application of Nano-structures and Nano-objects with high potential for managing different aspects of bone malignancies. <i>Nano Structures Nano Objects</i> , <b>2019</b> , 19, 100348	5.6	18
42	Simultaneous targeted inhibition of Sox2-Oct4 transcription factors using decoy oligodeoxynucleotides to repress stemness properties in mouse embryonic stem cells. <i>Cell Biology International</i> , <b>2017</b> , 41, 1335-1344	4.5	16
41	Hybrid of niosomes and bio-synthesized selenium nanoparticles as a novel approach in drug delivery for cancer treatment. <i>Molecular Biology Reports</i> , <b>2020</b> , 47, 6517-6529	2.8	15
40	Complete ablation of tumors using synchronous chemoradiation with bimetallic theranostic nanoparticles. <i>Bioactive Materials</i> , <b>2022</b> , 7, 74-84	16.7	14
39	Role of Oct4-Sox2 complex decoy oligodeoxynucleotides strategy on reverse epithelial to mesenchymal transition (EMT) induction in HT29-ShE encompassing enriched cancer stem-like cells. <i>Molecular Biology Reports</i> , <b>2020</b> , 47, 1859-1869	2.8	13
38	Bone Regeneration in rat using a gelatin/bioactive glass nanocomposite scaffold along with endothelial cells (HUVECs). <i>International Journal of Applied Ceramic Technology</i> , <b>2018</b> , 15, 1427-1438	2	13
37	Hypoxia Pre-Conditioned Embryonic Mesenchymal Stem Cell Secretome Reduces IL-10 Production by Peripheral Blood Mononuclear Cells. <i>Iranian Biomedical Journal</i> , <b>2017</b> , 21, 24-31	2	13
36	Anticancer effect of X-Ray triggered methotrexate conjugated albumin coated bismuth sulfide nanoparticles on SW480 colon cancer cell line. <i>International Journal of Pharmaceutics</i> , <b>2020</b> , 582, 119320	6.5	12
35	Hypoxia Pre-Conditioned Embryonic Mesenchymal Stem Cell Secretome Reduces IL-10 Production by Peripheral Blood Mononuclear Cells. <i>Iranian Biomedical Journal</i> , <b>2017</b> , 21, 24-31	2	12
34	Preparation of Immunotoxin Herceptin-Botulinum and Killing Effects on Two Breast Cancer Cell Lines. <i>Asian Pacific Journal of Cancer Prevention</i> , <b>2015</b> , 16, 5977-81	1.7	12
33	NANOG Decoy Oligodeoxynucleotide-Encapsulated Niosomes Nanocarriers: A Promising Approach to Suppress the Metastatic Properties of U87 Human Glioblastoma Multiforme Cells. <i>ACS Chemical Neuroscience</i> , <b>2020</b> , 11, 4499-4515	5.7	12

32	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> , <b>2020</b> , 235, 5429-5444	7	11
31	Enfuvirtide, an HIV-1 fusion inhibitor peptide, can act as a potent SARS-CoV-2 fusion inhibitor: an drug repurposing study. <i>Journal of Biomolecular Structure and Dynamics</i> , <b>2021</b> , 1-11	3.6	10
30	Inhibition of transcription factor T-cell factor 3 (TCF3) using the oligodeoxynucleotide strategy increases embryonic stem cell stemness: possible application in regenerative medicine. <i>Cell Biology International</i> , <b>2019</b> , 43, 852-862	4.5	9
29	Anti-proliferative and Anti-metastatic Potential of High Molecular Weight Secretory Molecules from Probiotic Lactobacillus Reuteri Cell-Free Supernatant Against Human Colon Cancer Stem-Like Cells (HT29-ShE). <i>International Journal of Peptide Research and Therapeutics</i> , <b>2020</b> , 26, 2619-2631	2.1	9
28	The Pro12Ala polymorphism in the PPAR- $\alpha$ gene is not associated with an increased risk of NAFLD in Iranian patients with type 2 diabetes mellitus. <i>Cellular and Molecular Biology Letters</i> , <b>2019</b> , 24, 12	8.1	8
27	Cholesterol-conjugated bovine serum albumin nanoparticles as a tamoxifen tumor-targeted delivery system. <i>Cell Biology International</i> , <b>2020</b> , 44, 2485-2498	4.5	8
26	A review on transcriptional regulation responses to hypoxia in mesenchymal stem cells. <i>Cell Biology International</i> , <b>2019</b> , 44, 14	4.5	8
25	In silico study of garlic (L.)-derived compounds molecular interactions with $\beta$ glucosidase. <i>In Silico Pharmacology</i> , <b>2021</b> , 9, 11	4.3	8
24	Investigation of specific binding of designed oligodeoxynucleotide decoys to transcription factors in HT29 cell line undergoing epithelial-mesenchymal transition (EMT). <i>Journal of Cellular Physiology</i> , <b>2019</b> , 234, 22765-22774	7	7
23	Improved synergic therapeutic effects of chemoradiation therapy with the aid of a co-drug-loaded nano-radiosensitizer under conventional-dose X-ray irradiation. <i>Biomaterials Science</i> , <b>2020</b> , 8, 4275-4286	7.4	6
22	The effect of Trimetazidine and Diazoxide on immunomodulatory activity of human embryonic stem cell-derived mesenchymal stem cell secretome. <i>Tissue and Cell</i> , <b>2017</b> , 49, 597-602	2.7	6
21	Myc Decoy Oligodeoxynucleotide Inhibits Growth and Modulates Differentiation of Mouse Embryonic Stem Cells as a Model of Cancer Stem Cells. <i>Anti-Cancer Agents in Medicinal Chemistry</i> , <b>2017</b> , 17, 1786-1795	2.2	6
20	Design and Synthesis of Lipopolysaccharide-Binding Antimicrobial Peptides Based on Truncated Rabbit and Human CAP18 Peptides and Evaluation of Their Action Mechanism. <i>Probiotics and Antimicrobial Proteins</i> , <b>2020</b> , 12, 1582-1593	5.5	6
19	Evaluation of STAT3 decoy oligodeoxynucleotides' synergistic effects on radiation and/or chemotherapy in metastatic breast cancer cell line. <i>Cell Biology International</i> , <b>2020</b> , 44, 2499-2511	4.5	6
18	Facile green synthesis of bismuth sulfide radiosensitizer biomineralization of albumin natural molecule for chemoradiation therapy aim. <i>Artificial Cells, Nanomedicine and Biotechnology</i> , <b>2019</b> , 47, 3832-3838	6.1	5
17	Nanocomposite scaffold seeded with mesenchymal stem cells for bone repair. <i>Cell Biology International</i> , <b>2019</b> , 43, 1379	4.5	5
16	Anticancer evaluation of methotrexate and curcumin coencapsulated niosomes against colorectal cancer cell line.. <i>Nanomedicine</i> , <b>2022</b> ,	5.6	5
15	Increasing the colon cancer cells sensitivity toward radiation therapy via application of Oct4-Sox2 complex decoy oligodeoxynucleotides. <i>Molecular Biology Reports</i> , <b>2020</b> , 47, 6793-6805	2.8	5

14	Enrichment of cancer stem-like cells by the induction of epithelial-mesenchymal transition using lentiviral vector carrying E-cadherin shRNA in HT29 cell line. <i>Journal of Cellular Physiology</i> , <b>2019</b> , 234, 22935-22946	7	4
13	Association between PPARGC1A single nucleotide polymorphisms and increased risk of nonalcoholic fatty liver disease among Iranian patients with type 2 diabetes mellitus. <i>Turkish Journal of Medical Sciences</i> , <b>2019</b> , 49, 1089-1094	2.7	4
12	Design of new truncated derivatives based on direct and reverse mirror repeats of first six residues of Caerin 4 antimicrobial peptide and evaluation of their activity and cytotoxicity. <i>Chemical Biology and Drug Design</i> , <b>2020</b> , 96, 801-811	2.9	3
11	An overview of applications of CRISPR-Cas technologies in biomedical engineering. <i>Folia Histochemica Et Cytobiologica</i> , <b>2020</b> , 58, 163-173	1.4	3
10	Secretome of Aggregated Embryonic Stem Cell-Derived Mesenchymal Stem Cell Modulates the Release of Inflammatory Factors in Lipopolysaccharide-Induced Peripheral Blood Mononuclear Cells. <i>Iranian Biomedical Journal</i> , <b>2018</b> , 22, 237-45	2	2
9	Secretome of Aggregated Embryonic Stem Cell-Derived Mesenchymal Stem Cell Modulates the Release of Inflammatory Factors in Lipopolysaccharide-Induced Peripheral Blood Mononuclear Cells. <i>Iranian Biomedical Journal</i> , <b>2018</b> , 22, 237-245	2	2
8	Application of decoy oligodeoxynucleotides strategy for inhibition of cell growth and reduction of metastatic properties in nonresistant and erlotinib-resistant SW480 cell line. <i>Cell Biology International</i> , <b>2021</b> , 45, 1001-1014	4.5	2
7	Anticancer effects of the <i>Latrodectus dahli</i> crude venom on MCF-7 breast cancer cell line. <i>Breast Journal</i> , <b>2019</b> , 25, 781-782	1.2	1
6	Simultaneous comparison of L-NAME and melatonin effects on RAW 264.7 cell line's iNOS production and activity. <i>Biyokimya Dergisi</i> , <b>2019</b> , 44, 840-847	0.7	1
5	Investigating the anti-inflammatory effects of high molecular weight secretions from <i>Limosilactobacillus reuteri</i> PTCC 1655 on LPS-stimulated PMA-differentiated THP-1 cells. <i>Journal of Applied Microbiology</i> , <b>2021</b> , 131, 938-948	4.7	1
4	Targeted delivery of paclitaxel by NL2 peptide-functionalized on core-shell LaVO <sub>4</sub> : Eu <sup>3+</sup> @ poly (levodopa) luminescent nanoparticles. <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , <b>2021</b> , 109, 1578-1587	3.5	0
3	Study of Crude Venom Anticancer Effects on MCF-7 and Vero Cell Lines. <i>Iranian Journal of Pharmaceutical Research</i> , <b>2020</b> , 19, 192-202	1.1	
2	A Association of C677T and A66G Gene Polymorphisms with Iranian Male Infertility and Its Effect on Seminal Folate and Vitamin B12. <i>International Journal of Fertility &amp; Sterility</i> , <b>2021</b> , 15, 20-25	1.9	
1	Application of Transcription Factor Decoy Oligodeoxynucleotides (ODNs) for Cancer Therapy. <i>Methods in Molecular Biology</i> , <b>2022</b> , 207-230	1.4	