

Behrooz Johari

List of Publications by Year in descending order

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Version: 2024-02-01

50
papers

950
citations

471061

17
h-index

500791

28
g-index

50
all docs

50
docs citations

50
times ranked

1281
citing authors

#	ARTICLE	IF	CITATIONS
1	Antibody–drug conjugates (ADCs) for cancer therapy: Strategies, challenges, and successes. <i>Journal of Cellular Physiology</i> , 2019, 234, 5628-5642.	2.0	157
2	Fabrication and <i>in vivo</i> evaluation of an osteoblast-conditioned nano-hydroxyapatite/gelatin composite scaffold for bone tissue regeneration. <i>Journal of Biomedical Materials Research - Part A</i> , 2016, 104, 2001-2010.	2.1	59
3	Osteoblast–Seeded Bioglass/Gelatin Nanocomposite: A Promising Bone Substitute in Critical-Size Calvarial Defect Repair in Rat. <i>International Journal of Artificial Organs</i> , 2016, 39, 524-533.	0.7	43
4	Complete ablation of tumors using synchronous chemoradiation with bimetallic theranostic nanoparticles. <i>Bioactive Materials</i> , 2022, 7, 74-84.	8.6	41
5	Hybrid of niosomes and bio-synthesized selenium nanoparticles as a novel approach in drug delivery for cancer treatment. <i>Molecular Biology Reports</i> , 2020, 47, 6517-6529.	1.0	40
6	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> , 2016, 104, 1770-1778.	2.1	39
7	Preparation and investigation of indirubin–loaded SLN nanoparticles and their anti–cancer effects on human glioblastoma U87MG cells. <i>Cell Biology International</i> , 2019, 43, 2-11.	1.4	38
8	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> , 2020, 11, 4499-4515.	1.7	29
9	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> , 2020, 582, 119320.	2.6	28
10	Investigating the effects of electrical stimulation via gold nanoparticles on <i>in vitro</i> neurite outgrowth: Perspective to nerve regeneration. <i>Microelectronic Engineering</i> , 2017, 173, 1-5.	1.1	26
11	Enfuvirtide, an HIV-1 fusion inhibitor peptide, can act as a potent SARS-CoV-2 fusion inhibitor: an <i>in silico</i> drug repurposing study. <i>Journal of Biomolecular Structure and Dynamics</i> , 2022, 40, 5566-5576.	2.0	26
12	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> , 2019, 19, 100348.	1.9	22
13	Anti-proliferative and Anti-metastatic Potential of High Molecular Weight Secretory Molecules from Probiotic <i>Lactobacillus Reuteri</i> Cell-Free Supernatant Against Human Colon Cancer Stem-Like Cells (HT29-ShE). <i>International Journal of Peptide Research and Therapeutics</i> , 2020, 26, 2619-2631.	0.9	22
14	Anticancer evaluation of methotrexate and curcumin-coencapsulated niosomes against colorectal cancer cell lines. <i>Nanomedicine</i> , 2022, 17, 201-217.	1.7	22
15	Bone Regeneration in rat using a gelatin/bioactive glass nanocomposite scaffold along with endothelial cells (HUVEC). <i>International Journal of Applied Ceramic Technology</i> , 2018, 15, 1427-1438.	1.1	21
16	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> , 2020, 12, 1582-1593.	1.9	21
17	Hypoxia Pre-Conditioned Embryonic Mesenchymal Stem Cell Secretome Reduces IL-10 Production by Peripheral Blood Mononuclear Cells. <i>Iranian Biomedical Journal</i> , 2017, 21, 24-31.	0.4	21
18	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> , 2020, 8, 4275-4286.	2.6	20

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19	Simultaneous targeted inhibition of Sox2ÖOct4 transcription factors using decoy oligodeoxynucleotides to repress stemness properties in mouse embryonic stem cells. <i>Cell Biology International</i> , 2017, 41, 1335-1344.	1.4	19
20	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
21	CholesterolÖconjugated bovine serum albumin nanoparticles as a tamoxifen tumorÖtargeted delivery system. <i>Cell Biology International</i> , 2020, 44, 2485-2498.	1.4	19
22	Role of Oct4ÖSox2 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> , 2020, 47, 1859-1869.	1.0	18
23	In silico study of garlic (<i>Allium sativum</i> L.)-derived compounds molecular interactions with Öglucosidase. <i>In Silico Pharmacology</i> , 2021, 9, 11.	1.8	16
24	Preparation of Immunotoxin Herceptin-Botulinum and Killing Effects on Two Breast Cancer Cell Lines. <i>Asian Pacific Journal of Cancer Prevention</i> , 2015, 16, 5977-5981.	0.5	16
25	Hypoxia Pre-Conditioned Embryonic Mesenchymal Stem Cell Secretome Reduces IL-10 Production by Peripheral Blood Mononuclear Cells. <i>Iranian Biomedical Journal</i> , 2017, 21, 24-31.	0.4	14
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	Investigation of specific binding of designed oligodeoxynucleotide decoys to transcription factors in HT29 cell line undergoing epithelialÖmesenchymal transition (EMT). <i>Journal of Cellular Physiology</i> , 2019, 234, 22765-22774.	2.0	11
28	TheÖPro12Ala polymorphism in the PPARÖ32 gene is not associated with anÖincreased risk of NAFLD in Iranian patients with type 2 diabetes mellitus. <i>Cellular and Molecular Biology Letters</i> , 2019, 24, 12.	2.7	11
29	Increasing the colon cancer cells sensitivity toward radiation therapy via application of Oct4ÖSox2 complex decoy oligodeoxynucleotides. <i>Molecular Biology Reports</i> , 2020, 47, 6793-6805.	1.0	11
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	Inhibition of transcription factor Öcell factor 3 (TCF3) using the oligodeoxynucleotide strategy increases embryonic stem cell stemness: possible application in regenerative medicine. <i>Cell Biology International</i> , 2019, 43, 852-862.	1.4	10
32	The effect of Trimetazidine and Diazoxide on immunomodulatory activity of human embryonic stem cell-derived mesenchymal stem cell secretome. <i>Tissue and Cell</i> , 2017, 49, 597-602.	1.0	9
33	Enrichment of cancer stemÖlike cells by the induction of epithelialÖmesenchymal transition using lentiviral vector carrying EÖcadherin shRNA in HT29 cell line. <i>Journal of Cellular Physiology</i> , 2019, 234, 22935-22946.	2.0	9
34	Nanocomposite scaffold seeded with mesenchymal stem cells for bone repair. <i>Cell Biology International</i> , 2019, 43, 1379-1392.	1.4	9
35	A review on transcriptional regulation responses to hypoxia in mesenchymal stem cells. <i>Cell Biology International</i> , 2020, 44, 14-26.	1.4	9
36	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> , 2020, 96, 801-811.	1.5	8

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37	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> , 2019, 49, 1089-1094.	0.4	7
38	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> , 2021, 45, 1001-1014.	1.4	7
39	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> , 2018, 17, 1786-1795.	0.9	6
40	BSA-PEI Nanoparticle Mediated Efficient Delivery of CRISPR/Cas9 into MDA-MB-231 Cells. <i>Molecular Biotechnology</i> , 2022, 64, 1376-1387.	1.3	6
41	An overview of applications of CRISPR-Cas technologies in biomedical engineering. <i>Folia Histochemica Et Cytobiologica</i> , 2020, 58, 163-173.	0.6	5
42	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> , 2018, 22, 237-45.	0.4	3
43	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> , 2018, 22, 237-245.	0.4	3
44	Simultaneous comparison of L-NAME and melatonin effects on RAW 264.7 cell line's iNOS production and activity. <i>Biyokimya Dergisi</i> , 2019, 44, 840-847.	0.1	2
45	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> , 2021, 131, 938-948.	1.4	2
46	Application of Transcription Factor Decoy Oligodeoxynucleotides (ODNs) for Cancer Therapy. <i>Methods in Molecular Biology</i> , 2022, , 207-230.	0.4	2
47	Anticancer effects of the <i>Latrodectus dahli</i> crude venom on MCF-7 breast cancer cell line. <i>Breast Journal</i> , 2019, 25, 781-782.	0.4	1
48	Targeted delivery of paclitaxel by NL2 peptide-functionalized on core-shell LaVO ₄ :Eu ³⁺ poly (levodopa) luminescent nanoparticles. <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , 2021, 109, 1578-1587.	1.6	1
49	Study of Crude Venom Anticancer Effects on MCF-7 and Vero Cell Lines. <i>Iranian Journal of Pharmaceutical Research</i> , 2020, 19, 192-202.	0.3	0
50	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 & Sterility</i> , 2021, 15, 20-25.	0.2	0