

Yadollah Omid

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

274
papers

7,578
citations

48
h-index

71
g-index

294
ext. papers

8,948
ext. citations

5.1
avg. IF

6.66
L-index

#	Paper	IF	Citations
274	Kinetic analysis of drug release from nanoparticles. <i>Journal of Pharmacy and Pharmaceutical Sciences</i> , 2008 , 11, 167-77	3.4	209
273	Evaluation of the immortalised mouse brain capillary endothelial cell line, b.End3, as an in vitro blood-brain barrier model for drug uptake and transport studies. <i>Brain Research</i> , 2003 , 990, 95-112	3.7	201
272	Ocular novel drug delivery: impacts of membranes and barriers. <i>Expert Opinion on Drug Delivery</i> , 2008 , 5, 567-81	8	188
271	Cytotoxic impacts of linear and branched polyethylenimine nanostructures in a431 cells. <i>BiolImpacts</i> , 2011 , 1, 23-30	3.5	145
270	Toxicogenomics of non-viral vectors for gene therapy: a microarray study of lipofectin- and oligofectamine-induced gene expression changes in human epithelial cells. <i>Journal of Drug Targeting</i> , 2003 , 11, 311-23	5.4	127
269	Polypropylenimine dendrimer-induced gene expression changes: the effect of complexation with DNA, dendrimer generation and cell type. <i>Journal of Drug Targeting</i> , 2005 , 13, 431-43	5.4	119
268	Theranostic MUC-1 aptamer targeted gold coated superparamagnetic iron oxide nanoparticles for magnetic resonance imaging and photothermal therapy of colon cancer. <i>Colloids and Surfaces B: Biointerfaces</i> , 2016 , 143, 224-232	6	118
267	Blood-brain barrier transport machineries and targeted therapy of brain diseases. <i>BiolImpacts</i> , 2016 , 6, 225-248	3.5	111
266	Modification of polythiophene by the incorporation of processable polymeric chains: Recent progress in synthesis and applications. <i>Progress in Polymer Science</i> , 2015 , 47, 26-69	29.6	105
265	Dysregulated pH in Tumor Microenvironment Checkmates Cancer Therapy. <i>BiolImpacts</i> , 2013 , 3, 149-62	3.5	105
264	Piroxicam nanoparticles for ocular delivery: physicochemical characterization and implementation in endotoxin-induced uveitis. <i>Journal of Drug Targeting</i> , 2007 , 15, 407-16	5.4	104
263	An ultra-sensitive impedimetric immunosensor for detection of the serum oncomarker CA-125 in ovarian cancer patients. <i>Nanoscale</i> , 2015 , 7, 3768-79	7.7	100
262	Electrochemical immunosensor based on chitosan-gold nanoparticle/carbon nanotube as a platform and lactate oxidase as a label for detection of CA125 oncomarker. <i>Biosensors and Bioelectronics</i> , 2018 , 122, 68-74	11.8	100
261	Toxicogenomics of drug delivery systems: Exploiting delivery system-induced changes in target gene expression to enhance siRNA activity. <i>Journal of Drug Targeting</i> , 2007 , 15, 83-8	5.4	99
260	Improved Taxol production by combination of inducing factors in suspension cell culture of <i>Taxus baccata</i> . <i>Cell Biology International</i> , 2006 , 30, 262-9	4.5	93
259	Advanced drug delivery and targeting technologies for the ocular diseases. <i>BiolImpacts</i> , 2016 , 6, 49-67	3.5	82
258	Ultra-sensitive detection by metal nanoparticles-mediated enhanced SPR biosensors. <i>Talanta</i> , 2019 , 192, 118-127	6.2	81

257	Anatomy and physiology of the human eye: effects of mucopolysaccharidoses disease on structure and function a review. <i>Clinical and Experimental Ophthalmology</i> , 2010 , 38, 2-11	2.4	80
256	Computational prediction of drug-drug interactions based on drugs functional similarities. <i>Journal of Biomedical Informatics</i> , 2017 , 70, 54-64	10.2	79
255	Optical and electrochemical DNA nanobiosensors. <i>TrAC - Trends in Analytical Chemistry</i> , 2011 , 30, 459-474	4.6	79
254	Tamoxifen loaded folic acid armed PEGylated magnetic nanoparticles for targeted imaging and therapy of cancer. <i>Colloids and Surfaces B: Biointerfaces</i> , 2013 , 106, 117-25	6	78
253	Toxicogenomics of cationic lipid-based vectors for gene therapy: impact of microarray technology. <i>Current Drug Delivery</i> , 2005 , 2, 429-41	3.2	77
252	Phage antibody display libraries: a powerful antibody discovery platform for immunotherapy. <i>Critical Reviews in Biotechnology</i> , 2016 , 36, 276-89	9.4	75
251	Microparticles containing erlotinib-loaded solid lipid nanoparticles for treatment of non-small cell lung cancer. <i>Drug Development and Industrial Pharmacy</i> , 2017 , 43, 1244-1253	3.6	73
250	Carbon Nanotubes as an Advanced Drug and Gene Delivery Nanosystem. <i>Current Nanoscience</i> , 2011 , 7, 297-314	1.4	72
249	Bacterial-derived biopolymers: Advanced natural nanomaterials for drug delivery and tissue engineering. <i>TrAC - Trends in Analytical Chemistry</i> , 2016 , 82, 367-384	14.6	68
248	Targeting tumor microenvironment: crossing tumor interstitial fluid by multifunctional nanomedicines. <i>Biolmpacts</i> , 2014 , 4, 55-67	3.5	68
247	Nanomaterials on the road to microRNA detection with optical and electrochemical nanobiosensors. <i>TrAC - Trends in Analytical Chemistry</i> , 2014 , 55, 24-42	14.6	67
246	Inhibition of endotoxin-induced uveitis by methylprednisolone acetate nanosuspension in rabbits. <i>Journal of Ocular Pharmacology and Therapeutics</i> , 2007 , 23, 421-32	2.6	67
245	Dual thermo-and pH-sensitive injectable hydrogels of chitosan/(poly(N-isopropylacrylamide-co-itaconic acid)) for doxorubicin delivery in breast cancer. <i>International Journal of Biological Macromolecules</i> , 2019 , 128, 957-964	7.9	66
244	Primary porcine brain microvascular endothelial cells: biochemical and functional characterisation as a model for drug transport and targeting. <i>Journal of Drug Targeting</i> , 2007 , 15, 253-68	5.4	65
243	Evaluation of generation 2 and 3 poly(propyleneimine) dendrimers for the potential cellular delivery of antisense oligonucleotides targeting the epidermal growth factor receptor. <i>Pharmaceutical Research</i> , 2004 , 21, 458-66	4.5	65
242	Molecular machineries of pH dysregulation in tumor microenvironment: potential targets for cancer therapy. <i>Biolmpacts</i> , 2017 , 7, 115-133	3.5	65
241	Impacts of quantum dots in molecular detection and bioimaging of cancer. <i>Biolmpacts</i> , 2014 , 4, 149-66	3.5	63
240	Radiolabeled theranostics: magnetic and gold nanoparticles. <i>Biolmpacts</i> , 2016 , 6, 169-181	3.5	62

239	AS1411 aptamer-decorated cisplatin-loaded poly(lactic-co-glycolic acid) nanoparticles for targeted therapy of miR-21-inhibited ovarian cancer cells. <i>Nanomedicine</i> , 2018 , 13, 2729-2758	5.6	61
238	Chitosan-based multifunctional nanomedicines and theranostics for targeted therapy of cancer. <i>Medicinal Research Reviews</i> , 2018 , 38, 2110-2136	14.4	61
237	Solid lipid-based nanocarriers as efficient targeted drug and gene delivery systems. <i>TrAC - Trends in Analytical Chemistry</i> , 2016 , 77, 100-108	14.6	60
236	Ocular Drug Delivery; Impact of in vitro Cell Culture Models. <i>Journal of Ophthalmic and Vision Research</i> , 2009 , 4, 238-52	1.2	57
235	Multifunctional mitoxantrone-conjugated magnetic nanosystem for targeted therapy of folate receptor-overexpressing malignant cells. <i>Journal of Nanobiotechnology</i> , 2015 , 13, 26	9.4	55
234	Epitope-based vaccine design: a comprehensive overview of bioinformatics approaches. <i>Drug Discovery Today</i> , 2020 , 25, 1034-1042	8.8	55
233	Expression and transport functionality of FcRn within rat alveolar epithelium: a study in primary cell culture and in the isolated perfused lung. <i>Pharmaceutical Research</i> , 2006 , 23, 270-9	4.5	53
232	Injectable thermosensitive hybrid hydrogel containing graphene oxide and chitosan as dental pulp stem cells scaffold for bone tissue engineering. <i>International Journal of Biological Macromolecules</i> , 2020 , 162, 1338-1357	7.9	52
231	A highly sensitive and reliable detection of CA15-3 in patient plasma with electrochemical biosensor labeled with magnetic beads. <i>Biosensors and Bioelectronics</i> , 2018 , 122, 8-15	11.8	52
230	Microarray analysis of the toxicogenomics and the genotoxic potential of a cationic lipid-based gene delivery nanosystem in human alveolar epithelial a549 cells. <i>Toxicology Mechanisms and Methods</i> , 2008 , 18, 369-78	3.6	51
229	Spectroscopic and molecular modeling studies of human serum albumin interaction with propyl gallate. <i>RSC Advances</i> , 2014 , 4, 64559-64564	3.7	50
228	Specific targeting of cancer cells by multifunctional mitoxantrone-conjugated magnetic nanoparticles. <i>Journal of Drug Targeting</i> , 2013 , 21, 328-40	5.4	50
227	Surface modified multifunctional nanomedicines for simultaneous imaging and therapy of cancer. <i>Biolmpacts</i> , 2014 , 4, 3-14	3.5	49
226	Folate-conjugated thermosensitive O-maleoyl modified chitosan micellar nanoparticles for targeted delivery of erlotinib. <i>Carbohydrate Polymers</i> , 2017 , 172, 130-141	10.3	47
225	Molecular considerations for development of phage antibody libraries. <i>Journal of Drug Targeting</i> , 2012 , 20, 195-208	5.4	46
224	Target therapy of cancer: implementation of monoclonal antibodies and nanobodies. <i>Human Antibodies</i> , 2009 , 18, 81-100	1.3	46
223	A novel electrochemical immunosensor for ultrasensitive detection of CA125 in ovarian cancer. <i>Biosensors and Bioelectronics</i> , 2020 , 153, 112029	11.8	45
222	Leuconostoc mesenteroides-derived anticancer pharmaceuticals hinder inflammation and cell survival in colon cancer cells by modulating NF-B/AKT/PTEN/MAPK pathways. <i>Biomedicine and Pharmacotherapy</i> , 2017 , 94, 1094-1100	7.5	45

221	Thermo-sensitive chitosan copolymer-gold hybrid nanoparticles as a nanocarrier for delivery of erlotinib. <i>International Journal of Biological Macromolecules</i> , 2018 , 106, 266-276	7.9	45
220	Shikonin-loaded antibody-armed nanoparticles for targeted therapy of ovarian cancer. <i>International Journal of Nanomedicine</i> , 2014 , 9, 1855-70	7.3	43
219	Hydrogels for ocular drug delivery and tissue engineering. <i>BiolImpacts</i> , 2015 , 5, 159-64	3.5	43
218	Dysregulation of urinary miR-21 and miR-200b associated with interstitial fibrosis and tubular atrophy (IFTA) in renal transplant recipients. <i>Clinical Biochemistry</i> , 2017 , 50, 32-39	3.5	42
217	Smart multifunctional theranostics: simultaneous diagnosis and therapy of cancer. <i>BiolImpacts</i> , 2011 , 1, 145-7	3.5	41
216	Ultrasensitive caspase-3 activity detection using an electrochemical biosensor engineered by gold nanoparticle functionalized MCM-41: Its application during stem cell differentiation. <i>Sensors and Actuators B: Chemical</i> , 2016 , 231, 561-575	8.5	40
215	Recent trends in targeted therapy of cancer using graphene oxide-modified multifunctional nanomedicines. <i>Journal of Drug Targeting</i> , 2017 , 25, 202-215	5.4	40
214	Doxorubicin-conjugated D-glucosamine- and folate- bi-functionalised InP/ZnS quantum dots for cancer cells imaging and therapy. <i>Journal of Drug Targeting</i> , 2018 , 26, 267-277	5.4	40
213	Methotrexate-conjugated quantum dots: synthesis, characterisation and cytotoxicity in drug resistant cancer cells. <i>Journal of Drug Targeting</i> , 2016 , 24, 120-33	5.4	39
212	Recent advances in simultaneous electrochemical multi-analyte sensing platforms. <i>TrAC - Trends in Analytical Chemistry</i> , 2017 , 92, 32-41	14.6	39
211	Gold and silver bio/nano-hybrids-based electrochemical immunosensor for ultrasensitive detection of carcinoembryonic antigen. <i>Biosensors and Bioelectronics</i> , 2019 , 141, 111439	11.8	39
210	Reusable potentiometric screen-printed sensor and label-free aptasensor with pseudo-reference electrode for determination of tryptophan in the presence of tyrosine. <i>Talanta</i> , 2016 , 150, 425-33	6.2	39
209	Novel water-soluble polyurethane nanomicelles for cancer chemotherapy: physicochemical characterization and cellular activities. <i>Journal of Nanobiotechnology</i> , 2012 , 10, 2	9.4	39
208	Induction of human alveolar epithelial cell growth factor receptors by dendrimeric nanostructures. <i>International Journal of Toxicology</i> , 2009 , 28, 113-22	2.4	39
207	Bioactive polymeric scaffolds for osteogenic repair and bone regenerative medicine. <i>Medicinal Research Reviews</i> , 2020 , 40, 1833-1870	14.4	38
206	Recent advances in aptamer-armed multimodal theranostic nanosystems for imaging and targeted therapy of cancer. <i>European Journal of Pharmaceutical Sciences</i> , 2018 , 117, 301-312	5.1	38
205	Drug databases and their contributions to drug repurposing. <i>Genomics</i> , 2020 , 112, 1087-1095	4.3	38
204	Stimuli-responsive chitosan-based nanocarriers for cancer therapy. <i>BiolImpacts</i> , 2017 , 7, 269-277	3.5	37

203	Targeted fluoromagnetic nanoparticles for imaging of breast cancer mcf-7 cells. <i>Advanced Pharmaceutical Bulletin</i> , 2013 , 3, 189-95	4.5	37
202	Impacts of blood-brain barrier in drug delivery and targeting of brain tumors. <i>BiolImpacts</i> , 2012 , 2, 5-22	3.5	36
201	Mucin-1 aptamer-armed superparamagnetic iron oxide nanoparticles for targeted delivery of doxorubicin to breast cancer cells. <i>BiolImpacts</i> , 2018 , 8, 117-127	3.5	36
200	Targeting caveolae for vesicular drug transport. <i>Journal of Controlled Release</i> , 2003 , 87, 139-51	11.7	35
199	Targeted delivery of doxorubicin by magnetic mesoporous silica nanoparticles armed with mucin-1 aptamer. <i>Journal of Drug Targeting</i> , 2020 , 28, 92-101	5.4	35
198	A robust universal method for extraction of genomic DNA from bacterial species. <i>Microbiology</i> , 2010 , 79, 538-542	1.4	34
197	Bioimpacts of anti epidermal growth factor receptor antisense complexed with polyamidoamine dendrimers in human lung epithelial adenocarcinoma cells. <i>Journal of Biomedical Nanotechnology</i> , 2010 , 6, 360-9	4	34
196	Astaxanthin-Loaded Nanostructured Lipid Carriers for Preservation of Antioxidant Activity. <i>Molecules</i> , 2018 , 23,	4.8	34
195	A reliable self-assembled peptide based electrochemical biosensor for detection of caspase 3 activity and apoptosis. <i>RSC Advances</i> , 2015 , 5, 58316-58326	3.7	33
194	Cellular toxicity of nanogenomedicine in MCF-7 cell line: MTT assay. <i>Journal of Visualized Experiments</i> , 2009 ,	1.6	33
193	induces apoptosis in oral cancer KB cells through upregulation of PTEN and downregulation of MAPK signalling pathways. <i>BiolImpacts</i> , 2017 , 7, 193-198	3.5	32
192	Current status and future prospective of vaccine development against <i>Echinococcus granulosus</i> . <i>Biologicals</i> , 2018 , 51, 1-11	1.8	32
191	Combating atherosclerosis with targeted nanomedicines: recent advances and future prospective. <i>BiolImpacts</i> , 2018 , 8, 59-75	3.5	32
190	Characterization and astrocytic modulation of system L transporters in brain microvasculature endothelial cells. <i>Cell Biochemistry and Function</i> , 2008 , 26, 381-91	4.2	31
189	Enzyme-conjugated gold nanoparticles for combined enzyme and photothermal therapy of colon cancer cells. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2019 , 572, 333-344	5.1	30
188	Kinetic studies of bovine serum albumin interaction with PG and TBHQ using surface plasmon resonance. <i>International Journal of Biological Macromolecules</i> , 2016 , 91, 1045-50	7.9	30
187	Biocompatible and electroconductive polyaniline-based biomaterials for electrical stimulation. <i>European Polymer Journal</i> , 2018 , 108, 150-170	5.2	30
186	Synthesis and in vitro release of adriamycin from star-shaped poly(lactide-co-glycolide) nano- and microparticles. <i>Journal of Pharmaceutical Sciences</i> , 2010 , 99, 3389-97	3.9	30

185	Peptide-mediated drug delivery across the blood-brain barrier for targeting brain tumors. <i>Expert Opinion on Drug Delivery</i> , 2019 , 16, 583-605	8	29
184	Cadmium-free quantum dot-based theranostics. <i>TrAC - Trends in Analytical Chemistry</i> , 2019 , 118, 386-400	4.6	29
183	Bispecific therapeutic aptamers for targeted therapy of cancer: a review on cellular perspective. <i>Journal of Molecular Medicine</i> , 2018 , 96, 885-902	5.5	29
182	Preparation and in vitro Evaluation of Linear and Star-branched PLGA Nanoparticles for Insulin Delivery. <i>Journal of Bioactive and Compatible Polymers</i> , 2008 , 23, 115-131	2	29
181	Methotrexate-conjugated chitosan-grafted pH- and thermo-responsive magnetic nanoparticles for targeted therapy of ovarian cancer. <i>International Journal of Biological Macromolecules</i> , 2020 , 154, 1175-1184	7.9	28
180	Pathogenicity of <i>Helicobacter pylori</i> in cancer development and impacts of vaccination. <i>Gastric Cancer</i> , 2019 , 22, 23-36	7.6	27
179	Trader as a new optimization algorithm predicts drug-target interactions efficiently. <i>Scientific Reports</i> , 2019 , 9, 9348	4.9	27
178	Selection of potential therapeutic human single-chain Fv antibodies against cholecystokinin-B/gastrin receptor by phage display technology. <i>BioDrugs</i> , 2013 , 27, 55-67	7.9	27
177	Gold Nanoparticles and Reduced Graphene Oxide-Gold Nanoparticle Composite Materials as Covalent Drug Delivery Systems for Breast Cancer Treatment. <i>ChemistrySelect</i> , 2017 , 2, 6663-6672	1.8	27
176	Recent advances in targeted delivery of tissue plasminogen activator for enhanced thrombolysis in ischaemic stroke. <i>Journal of Drug Targeting</i> , 2018 , 26, 95-109	5.4	27
175	Graphene-based multifunctional nanosystems for simultaneous detection and treatment of breast cancer. <i>Colloids and Surfaces B: Biointerfaces</i> , 2020 , 193, 111104	6	26
174	Pharmacogenetics and drug-induced nephrotoxicity in renal transplant recipients. <i>BioImpacts</i> , 2015 , 5, 45-54	3.5	26
173	Synthesis and in vitro studies of cross-linked hydrogel nanoparticles containing amoxicillin. <i>Journal of Pharmaceutical Sciences</i> , 2011 , 100, 1057-66	3.9	25
172	Intrinsic bio-signature of gene delivery nanocarriers may impair gene therapy goals. <i>BioImpacts</i> , 2013 , 3, 105-9	3.5	25
171	Nanoscaled aptasensors for multi-analyte sensing. <i>BioImpacts</i> , 2014 , 4, 205-15	3.5	24
170	Gold nanoparticles for radiosensitizing and imaging of cancer cells. <i>Radiation Physics and Chemistry</i> , 2018 , 152, 137-144	2.5	23
169	Bioprocess engineering of <i>Echium italicum</i> L.: induction of shikonin and alkannin derivatives by two-liquid-phase suspension cultures. <i>Plant Cell, Tissue and Organ Culture</i> , 2010 , 100, 157-164	2.7	23
168	Electrochemical impedance spectroscopic sensing of methamphetamine by a specific aptamer. <i>BioImpacts</i> , 2012 , 2, 91-5	3.5	23

167	Cell physiology regulation by hypoxia inducible factor-1: Targeting oxygen-related nanomachineries of hypoxic cells. <i>International Journal of Biological Macromolecules</i> , 2017 , 99, 46-62	7.9	22
166	Differential expression of circulating miR-21, miR-142-3p and miR-155 in renal transplant recipients with impaired graft function. <i>International Urology and Nephrology</i> , 2017 , 49, 1681-1689	2.3	22
165	Synthesis and characterization of timolol maleate-loaded quaternized chitosan-based thermosensitive hydrogel: A transparent topical ocular delivery system for the treatment of glaucoma. <i>International Journal of Biological Macromolecules</i> , 2020 , 159, 117-128	7.9	22
164	Aptamer-conjugated mesoporous silica nanoparticles for simultaneous imaging and therapy of cancer. <i>TrAC - Trends in Analytical Chemistry</i> , 2020 , 123, 115759	14.6	22
163	Amperometric lactate nanobiosensor based on reduced graphene oxide, carbon nanotube and gold nanoparticle nanocomposite. <i>Mikrochimica Acta</i> , 2019 , 186, 680	5.8	21
162	DrugR+: A comprehensive relational database for drug repurposing, combination therapy, and replacement therapy. <i>Computers in Biology and Medicine</i> , 2019 , 109, 254-262	7	21
161	Asymmetrical expression of BDNF and NTRK3 genes in frontoparietal cortex of stress-resilient rats in an animal model of depression. <i>Synapse</i> , 2014 , 68, 387-93	2.4	21
160	Floral development in <i>Astragalus caspicus</i> Bieb. (Leguminosae: Papilionoideae: Galegeae). <i>Flora: Morphology, Distribution, Functional Ecology of Plants</i> , 2010 , 205, 251-258	1.9	21
159	A novel in silico minigene vaccine based on CD4 T-helper and B-cell epitopes of EG95 isolates for vaccination against cystic echinococcosis. <i>Computational Biology and Chemistry</i> , 2018 , 72, 150-163	3.6	21
158	Multifunctional nanomedicines for targeting epidermal growth factor receptor in colorectal cancer. <i>Cellular and Molecular Life Sciences</i> , 2020 , 77, 997-1019	10.3	21
157	Enhanced penetration and cytotoxicity of metformin and collagenase conjugated gold nanoparticles in breast cancer spheroids. <i>Life Sciences</i> , 2019 , 231, 116545	6.8	20
156	Marrubiin-loaded solid lipid nanoparticles impact on TNF- α -treated umbilical vein endothelial cells: A study for cardioprotective effect. <i>Colloids and Surfaces B: Biointerfaces</i> , 2018 , 164, 299-307	6	20
155	Stereospecific chemical and enzymatic stability of phosphoramidate triester prodrugs of d4T in vitro. <i>European Journal of Pharmaceutical Sciences</i> , 2004 , 22, 25-31	5.1	20
154	EGFR antisense oligonucleotides encapsulated with nanoparticles decrease EGFR, MAPK1 and STAT5 expression in a human colon cancer cell line. <i>Asian Pacific Journal of Cancer Prevention</i> , 2013 , 14, 495-8	1.7	20
153	Phage display selection of fully human antibody fragments to inhibit growth-promoting effects of glycine-extended gastrin 17 on human colorectal cancer cells. <i>Artificial Cells, Nanomedicine and Biotechnology</i> , 2018 , 46, 1082-1090	6.1	19
152	Combined EGFR and c-Src antisense oligodeoxynucleotides encapsulated with PAMAM Dendrimers inhibit HT-29 colon cancer cell proliferation. <i>Asian Pacific Journal of Cancer Prevention</i> , 2012 , 13, 4751-6	1.7	19
151	Circulating miR-150, miR-192, miR-200b, and miR-423-3p as Non-invasive Biomarkers of Chronic Allograft Dysfunction. <i>Archives of Medical Research</i> , 2017 , 48, 96-104	6.6	19
150	Antisense LNA-loaded nanoparticles of star-shaped glucose-core PCL-PEG copolymer for enhanced inhibition of oncomiR-214 and nucleolin-mediated therapy of cisplatin-resistant ovarian cancer cells. <i>International Journal of Pharmaceutics</i> , 2020 , 573, 118729	6.5	19

149	A robust universal method for extraction of genomic DNA from bacterial species. <i>Mikrobiologija</i> , 2010 , 79, 562-6	0	19
148	Direct detection of tryptophan for rapid diagnosis of cancer cell metastasis competence by an ultra-sensitive and highly selective electrochemical biosensor. <i>Analytical Methods</i> , 2016 , 8, 7910-7919	3.2	18
147	Abietane diterpenoid of <i>Salvia sahendica</i> Boiss and Buhse potently inhibits MCF-7 breast carcinoma cells by suppression of the PI3K/AKT pathway. <i>RSC Advances</i> , 2015 , 5, 18041-18050	3.7	18
146	Frequency of five important CYP2D6 alleles within an Iranian population (Eastern Azerbaijan). <i>Genetic Testing and Molecular Biomarkers</i> , 2009 , 13, 665-70	1.6	18
145	Targeting cytokines: production and characterization of anti-TNF- α FcFvs by phage display technology. <i>Current Pharmaceutical Design</i> , 2013 , 19, 2839-47	3.3	18
144	c-Src antisense complexed with PAMAM dendrimers decreases of c-Src expression and EGFR-dependent downstream genes in the human HT-29 colon cancer cell line. <i>Asian Pacific Journal of Cancer Prevention</i> , 2012 , 13, 2235-40	1.7	18
143	Design a highly specific sequence for electrochemical evaluation of meat adulteration in cooked sausages. <i>Biosensors and Bioelectronics</i> , 2020 , 150, 111916	11.8	18
142	MUC-1 aptamer conjugated InP/ZnS quantum dots/nanohydrogel fluorescent composite for mitochondria-mediated apoptosis in MCF-7 cells. <i>Materials Science and Engineering C</i> , 2021 , 118, 111469	8.3	18
141	A domain-based vaccine construct against SARS-CoV-2, the causative agent of COVID-19 pandemic: development of self-amplifying mRNA and peptide vaccines. <i>BiolImpacts</i> , 2021 , 11, 65-84	3.5	17
140	Novel aldehyde-terminated dendrimers; synthesis and cytotoxicity assay. <i>BiolImpacts</i> , 2012 , 2, 97-103	3.5	17
139	A novel B- and helper T-cell epitopes-based prophylactic vaccine against. <i>BiolImpacts</i> , 2018 , 8, 39-52	3.5	17
138	Breast cancer vaccination comes to age: impacts of bioinformatics. <i>BiolImpacts</i> , 2018 , 8, 223-235	3.5	17
137	Bioengineered smart bacterial carriers for combinational targeted therapy of solid tumours. <i>Journal of Drug Targeting</i> , 2020 , 28, 700-713	5.4	16
136	Isolation and molecular identification of <i>Lactobacillus</i> with probiotic potential from abomasums driven rennet. <i>Food Chemistry</i> , 2019 , 272, 709-714	8.5	16
135	Development of screen-printed tryptophan-kynurenine immunosensor for in vitro assay of kynurenine-mediated immunosuppression effect of cancer cells on activated T-cells. <i>Biosensors and Bioelectronics</i> , 2017 , 92, 287-293	11.8	16
134	Systematic Evolution of Ligands by Exponential Enrichment Selection of Specific Aptamer for Sensing of Methamphetamine. <i>Sensor Letters</i> , 2013 , 11, 566-570	0.9	16
133	Determination of floral initiation in <i>Malus domestica</i> : a novel morphogenetic approach. <i>Biologia Plantarum</i> , 2011 , 55, 243-252	2.1	16
132	Callus culture of <i>Echium italicum</i> L. towards production of a shikonin derivative. <i>Natural Product Research</i> , 2011 , 25, 1480-7	2.3	16

131	Computerized techniques pave the way for drug-drug interaction prediction and interpretation. <i>BiolImpacts</i> , 2016 , 6, 71-8	3.5	16
130	Translational Approaches towards Cancer Gene Therapy: Hurdles and Hopes. <i>BiolImpacts</i> , 2012 , 2, 127-43	3.5	16
129	Fluorescent multi-responsive cross-linked P(N-isopropylacrylamide)-based nanocomposites for cisplatin delivery. <i>Drug Development and Industrial Pharmacy</i> , 2017 , 43, 1283-1291	3.6	15
128	design of a triple-negative breast cancer vaccine by targeting cancer testis antigens. <i>BiolImpacts</i> , 2019 , 9, 45-56	3.5	15
127	Propyl gallate (PG) and tert-butylhydroquinone (TBHQ) may alter the potential anti-cancer behavior of probiotics. <i>Food Bioscience</i> , 2018 , 24, 37-45	4.9	15
126	PEGylated gold nanoparticles-ribonuclease induced oxidative stress and apoptosis in colorectal cancer cells. <i>BiolImpacts</i> , 2020 , 10, 27-36	3.5	15
125	Towards a new avenue for producing therapeutic proteins: Microalgae as a tempting green biofactory. <i>Biotechnology Advances</i> , 2020 , 40, 107499	17.8	15
124	Mucin-1 conjugated polyamidoamine-based nanoparticles for image-guided delivery of gefitinib to breast cancer. <i>International Journal of Biological Macromolecules</i> , 2021 , 174, 185-197	7.9	15
123	Voltammetric biosensors for analytical detection of cardiac troponin biomarkers in acute myocardial infarction. <i>TrAC - Trends in Analytical Chemistry</i> , 2021 , 134, 116123	14.6	15
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121	Barrier functionality and transport machineries of human ECV304 cells. <i>Medical Science Monitor</i> , 2010 , 16, BR52-60	3.2	15
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