

# Yadollah Omid

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7213111/publications.pdf>

Version: 2024-02-01

288  
papers

10,606  
citations

26567

56  
h-index

56606

83  
g-index

295  
all docs

295  
docs citations

295  
times ranked

12255  
citing authors

#	ARTICLE	IF	CITATIONS
1	Kinetic Analysis of Drug Release From Nanoparticles. <i>Journal of Pharmacy and Pharmaceutical Sciences</i> , 2008, 11, 167.	0.9	246
2	Ocular novel drug delivery: impacts of membranes and barriers. <i>Expert Opinion on Drug Delivery</i> , 2008, 5, 567-581.	2.4	239
3	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.	1.1	229
4	Cytotoxic impacts of linear and branched polyethylenimine nanostructures in a431 cells. <i>BiolImpacts</i> , 2011, 1, 23-30.	0.7	181
5	Blood-brain barrier transport machineries and targeted therapy of brain diseases. <i>BiolImpacts</i> , 2016, 6, 225-248.	0.7	174
6	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, 311-323.	2.1	149
7	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.	5.3	144
8	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, 431-443.	2.1	142
9	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.	2.5	136
10	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.	1.3	127
11	Computational prediction of drug-drug interactions based on drugs functional similarities. <i>Journal of Biomedical Informatics</i> , 2017, 70, 54-64.	2.5	127
12	An ultra-sensitive impedimetric immunosensor for detection of the serum oncomarker CA-125 in ovarian cancer patients. <i>Nanoscale</i> , 2015, 7, 3768-3779.	2.8	125
13	Dysregulated pH in Tumor Microenvironment Checkmates Cancer Therapy. <i>BiolImpacts</i> , 2013, 3, 149-62.	0.7	123
14	Improved Taxol production by combination of inducing factors in suspension cell culture of <i>Taxus baccata</i> . <i>Cell Biology International</i> , 2006, 30, 262-269.	1.4	122
15	Piroxicam nanoparticles for ocular delivery: Physicochemical characterization and implementation in endotoxin-induced uveitis. <i>Journal of Drug Targeting</i> , 2007, 15, 407-416.	2.1	120
16	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.	11.8	120
17	Epitope-based vaccine design: a comprehensive overview of bioinformatics approaches. <i>Drug Discovery Today</i> , 2020, 25, 1034-1042.	3.2	120
18	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.	3.6	117

#	ARTICLE	IF	CITATIONS
19	Ultra-sensitive detection by metal nanoparticles-mediated enhanced SPR biosensors. <i>Talanta</i> , 2019, 192, 118-127.	2.9	116
20	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, 83-88.	2.1	112
21	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.	0.9	102
22	Advanced drug delivery and targeting technologies for the ocular diseases. <i>BiolImpacts</i> , 2016, 6, 49-67.	0.7	100
23	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.	3.6	97
24	Impacts of quantum dots in molecular detection and bioimaging of cancer. <i>BiolImpacts</i> , 2014, 4, 149-166.	0.7	95
25	Molecular machineries of pH dysregulation in tumor microenvironment: potential targets for cancer therapy. <i>BiolImpacts</i> , 2017, 7, 115-133.	0.7	93
26	Tamoxifen loaded folic acid armed PEGylated magnetic nanoparticles for targeted imaging and therapy of cancer. <i>Colloids and Surfaces B: Biointerfaces</i> , 2013, 106, 117-125.	2.5	91
27	Bacterial-derived biopolymers: Advanced natural nanomaterials for drug delivery and tissue engineering. <i>TrAC - Trends in Analytical Chemistry</i> , 2016, 82, 367-384.	5.8	89
28	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.	1.7	89
29	Toxicogenomics of Cationic Lipid-based Vectors for Gene Therapy: Impact of Microarray Technology. <i>Current Drug Delivery</i> , 2005, 2, 429-441.	0.8	88
30	Optical and electrochemical DNA nanobiosensors. <i>TrAC - Trends in Analytical Chemistry</i> , 2011, 30, 459-472.	5.8	88
31	Phage antibody display libraries: a powerful antibody discovery platform for immunotherapy. <i>Critical Reviews in Biotechnology</i> , 2016, 36, 276-289.	5.1	88
32	Inhibition of Endotoxin-Induced Uveitis by Methylprednisolone Acetate Nanosuspension in Rabbits. <i>Journal of Ocular Pharmacology and Therapeutics</i> , 2007, 23, 421-432.	0.6	87
33	Carbon Nanotubes as an Advanced Drug and Gene Delivery Nanosystem. <i>Current Nanoscience</i> , 2011, 7, 297-314.	0.7	87
34	Targeting tumor microenvironment: crossing tumor interstitial fluid by multifunctional nanomedicines. <i>BiolImpacts</i> , 2014, 4, 55-67.	0.7	84
35	Chitosan-based multifunctional nanomedicines and theranostics for targeted therapy of cancer. <i>Medicinal Research Reviews</i> , 2018, 38, 2110-2136.	5.0	83
36	Nanomaterials on the road to microRNA detection with optical and electrochemical nanobiosensors. <i>TrAC - Trends in Analytical Chemistry</i> , 2014, 55, 24-42.	5.8	82

#	ARTICLE	IF	CITATIONS
37	Evaluation of Generation 2 and 3 Poly(Propylenimine) Dendrimers for the Potential Cellular Delivery of Antisense Oligonucleotides Targeting the Epidermal Growth Factor Receptor. <i>Pharmaceutical Research</i> , 2004, 21, 458-466.	1.7	81
38	A novel electrochemical immunosensor for ultrasensitive detection of CA125 in ovarian cancer. <i>Biosensors and Bioelectronics</i> , 2020, 153, 112029.	5.3	81
39	Solid lipid-based nanocarriers as efficient targeted drug and gene delivery systems. <i>TrAC - Trends in Analytical Chemistry</i> , 2016, 77, 100-108.	5.8	77
40	Radiolabeled theranostics: magnetic and gold nanoparticles. <i>BiolImpacts</i> , 2016, 6, 169-181.	0.7	75
41	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.	5.3	73
42	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, 253-268.	2.1	72
43	Target therapy of cancer: Implementation of monoclonal antibodies and nanobodies. <i>Human Antibodies</i> , 2009, 18, 81-100.	0.6	71
44	Folate-conjugated thermosensitive O-maleoyl modified chitosan micellar nanoparticles for targeted delivery of erlotinib. <i>Carbohydrate Polymers</i> , 2017, 172, 130-141.	5.1	68
45	Drug databases and their contributions to drug repurposing. <i>Genomics</i> , 2020, 112, 1087-1095.	1.3	68
46	Hydrogels for ocular drug delivery and tissue engineering. <i>BiolImpacts</i> , 2015, 5, 159-164.	0.7	67
47	Ocular Drug Delivery; Impact of in vitro Cell Culture Models. <i>Journal of Ophthalmic and Vision Research</i> , 2009, 4, 238-52.	0.7	67
48	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, 369-378.	1.3	65
49	Recent advances in simultaneous electrochemical multi-analyte sensing platforms. <i>TrAC - Trends in Analytical Chemistry</i> , 2017, 92, 32-41.	5.8	65
50	Multifunctional mitoxantrone-conjugated magnetic nanosystem for targeted therapy of folate receptor-overexpressing malignant cells. <i>Journal of Nanobiotechnology</i> , 2015, 13, 26.	4.2	63
51	Bioactive polymeric scaffolds for osteogenic repair and bone regenerative medicine. <i>Medicinal Research Reviews</i> , 2020, 40, 1833-1870.	5.0	63
52	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, 270-279.	1.7	61
53	Leuconostoc mesenteroides-derived anticancer pharmaceuticals hinder inflammation and cell survival in colon cancer cells by modulating NF- $\kappa$ B/AKT/PTEN/MAPK pathways. <i>Biomedicine and Pharmacotherapy</i> , 2017, 94, 1094-1100.	2.5	61
54	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.	3.6	61

#	ARTICLE	IF	CITATIONS
55	Gold and silver bio/nano-hybrids-based electrochemical immunosensor for ultrasensitive detection of carcinoembryonic antigen. <i>Biosensors and Bioelectronics</i> , 2019, 141, 111439.	5.3	61
56	Spectroscopic and molecular modeling studies of human serum albumin interaction with propyl gallate. <i>RSC Advances</i> , 2014, 4, 64559-64564.	1.7	60
57	<i>Lactobacillus plantarum</i> induces apoptosis in oral cancer KB cells through upregulation of PTEN and downregulation of MAPK signalling pathways. <i>BiolImpacts</i> , 2017, 7, 193-198.	0.7	57
58	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.	3.6	56
59	Specific targeting of cancer cells by multifunctional mitoxantrone-conjugated magnetic nanoparticles. <i>Journal of Drug Targeting</i> , 2013, 21, 328-340.	2.1	55
60	Stimuli-responsive chitosan-based nanocarriers for cancer therapy. <i>BiolImpacts</i> , 2017, 7, 269-277.	0.7	55
61	Surface modified multifunctional nanomedicines for simultaneous imaging and therapy of cancer. <i>BiolImpacts</i> , 2014, 4, 3-14.	0.7	55
62	Recent trends in targeted therapy of cancer using graphene oxide-modified multifunctional nanomedicines. <i>Journal of Drug Targeting</i> , 2017, 25, 202-215.	2.1	54
63	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.	4.0	53
64	Targeted delivery of doxorubicin by magnetic mesoporous silica nanoparticles armed with mucin-1 aptamer. <i>Journal of Drug Targeting</i> , 2020, 28, 92-101.	2.1	53
65	Combating atherosclerosis with targeted nanomedicines: recent advances and future prospective. <i>BiolImpacts</i> , 2018, 8, 59-75.	0.7	52
66	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.	3.6	52
67	A robust universal method for extraction of genomic DNA from bacterial species. <i>Microbiology</i> , 2010, 79, 538-542.	0.5	51
68	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.	2.1	51
69	Molecular considerations for development of phage antibody libraries. <i>Journal of Drug Targeting</i> , 2012, 20, 195-208.	2.1	50
70	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.	0.8	49
71	Mucin-1 aptamer-armed superparamagnetic iron oxide nanoparticles for targeted delivery of doxorubicin to breast cancer cells. <i>BiolImpacts</i> , 2018, 8, 117-127.	0.7	49
72	Shikonin-loaded antibody-armed nanoparticles for targeted therapy of ovarian cancer. <i>International Journal of Nanomedicine</i> , 2014, 9, 1855.	3.3	48

#	ARTICLE	IF	CITATIONS
73	Astaxanthin-Loaded Nanostructured Lipid Carriers for Preservation of Antioxidant Activity. <i>Molecules</i> , 2018, 23, 2601.	1.7	48
74	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, 425-433.	2.9	47
75	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.	1.9	47
76	Biocompatible and electroconductive polyaniline-based biomaterials for electrical stimulation. <i>European Polymer Journal</i> , 2018, 108, 150-170.	2.6	47
77	Voltammetric biosensors for analytical detection of cardiac troponin biomarkers in acute myocardial infarction. <i>TrAC - Trends in Analytical Chemistry</i> , 2021, 134, 116123.	5.8	47
78	Novel water-soluble polyurethane nanomicelles for cancer chemotherapy: physicochemical characterization and cellular activities. <i>Journal of Nanobiotechnology</i> , 2012, 10, 2.	4.2	46
79	Smart multifunctional theranostics: simultaneous diagnosis and therapy of cancer. <i>BiolImpacts</i> , 2011, 1, 145-7.	0.7	46
80	Impacts of blood-brain barrier in drug delivery and targeting of brain tumors. <i>BiolImpacts</i> , 2012, 2, 5-22.	0.7	46
81	Methotrexate-conjugated quantum dots: synthesis, characterisation and cytotoxicity in drug resistant cancer cells. <i>Journal of Drug Targeting</i> , 2016, 24, 120-133.	2.1	45
82	Peptide-mediated drug delivery across the blood-brain barrier for targeting brain tumors. <i>Expert Opinion on Drug Delivery</i> , 2019, 16, 583-605.	2.4	45
83	Current status and future prospective of vaccine development against <i>Echinococcus granulosus</i> . <i>Biologicals</i> , 2018, 51, 1-11.	0.5	44
84	Induction of Human Alveolar Epithelial Cell Growth Factor Receptors by Dendrimeric Nanostructures. <i>International Journal of Toxicology</i> , 2009, 28, 113-122.	0.6	43
85	Cellular Toxicity of Nanogenomedicine in MCF-7 Cell Line: MTT assay. <i>Journal of Visualized Experiments</i> , 2009, , .	0.2	43
86	Graphene-based multifunctional nanosystems for simultaneous detection and treatment of breast cancer. <i>Colloids and Surfaces B: Biointerfaces</i> , 2020, 193, 111104.	2.5	42
87	A reliable self-assembled peptide based electrochemical biosensor for detection of caspase 3 activity and apoptosis. <i>RSC Advances</i> , 2015, 5, 58316-58326.	1.7	41
88	Bispecific therapeutic aptamers for targeted therapy of cancer: a review on cellular perspective. <i>Journal of Molecular Medicine</i> , 2018, 96, 885-902.	1.7	41
89	Pathogenicity of <i>Helicobacter pylori</i> in cancer development and impacts of vaccination. <i>Gastric Cancer</i> , 2019, 22, 23-36.	2.7	41
90	Trader as a new optimization algorithm predicts drug-target interactions efficiently. <i>Scientific Reports</i> , 2019, 9, 9348.	1.6	41

#	ARTICLE	IF	CITATIONS
91	Enhanced penetration and cytotoxicity of metformin and collagenase conjugated gold nanoparticles in breast cancer spheroids. <i>Life Sciences</i> , 2019, 231, 116545.	2.0	41
92	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.	2.3	41
93	Aptamer-conjugated mesoporous silica nanoparticles for simultaneous imaging and therapy of cancer. <i>TrAC - Trends in Analytical Chemistry</i> , 2020, 123, 115759.	5.8	41
94	Bioimpacts of Anti Epidermal Growth Receptor Antisense Complexed with Polyamidoamine Dendrimers in Human Lung Epithelial Adenocarcinoma Cells. <i>Journal of Biomedical Nanotechnology</i> , 2010, 6, 360-369.	0.5	40
95	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.	2.6	40
96	Gold Nanoparticles and Reduced Graphene Oxideâ€”Gold Nanoparticle Composite Materials as Covalent Drug Delivery Systems for Breast Cancer Treatment. <i>ChemistrySelect</i> , 2017, 2, 6663-6672.	0.7	39
97	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.	0.7	39
98	Targeting caveolae for vesicular drug transport. <i>Journal of Controlled Release</i> , 2003, 87, 139-151.	4.8	38
99	Kinetic studies of bovine serum albumin interaction with PG and TBHQ using surface plasmon resonance. <i>International Journal of Biological Macromolecules</i> , 2016, 91, 1045-1050.	3.6	38
100	Amperometric lactate nanobiosensor based on reduced graphene oxide, carbon nanotube and gold nanoparticle nanocomposite. <i>Mikrochimica Acta</i> , 2019, 186, 680.	2.5	38
101	Nanotechnology for Targeted Detection and Removal of Bacteria: Opportunities and Challenges. <i>Advanced Science</i> , 2021, 8, e2100556.	5.6	38
102	Targeted fluoromagnetic nanoparticles for imaging of breast cancer mcf-7 cells. <i>Advanced Pharmaceutical Bulletin</i> , 2013, 3, 189-95.	0.6	38
103	Characterization and astrocytic modulation of system L transporters in brain microvasculature endothelial cells. <i>Cell Biochemistry and Function</i> , 2008, 26, 381-391.	1.4	37
104	Cadmium-free quantum dot-based theranostics. <i>TrAC - Trends in Analytical Chemistry</i> , 2019, 118, 386-400.	5.8	37
105	DrugR+: A comprehensive relational database for drug repurposing, combination therapy, and replacement therapy. <i>Computers in Biology and Medicine</i> , 2019, 109, 254-262.	3.9	37
106	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.	3.6	37
107	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.	2.1	35
108	Design a highly specific sequence for electrochemical evaluation of meat adulteration in cooked sausages. <i>Biosensors and Bioelectronics</i> , 2020, 150, 111916.	5.3	35

#	ARTICLE	IF	CITATIONS
109	Gold nanoparticles for radiosensitizing and imaging of cancer cells. <i>Radiation Physics and Chemistry</i> , 2018, 152, 137-144.	1.4	34
110	Preparation and <i>in vitro</i> Evaluation of Linear and Star-branched PLGA Nanoparticles for Insulin Delivery. <i>Journal of Bioactive and Compatible Polymers</i> , 2008, 23, 115-131.	0.8	32
111	Synthesis and <i>in vitro</i> Studies of Cross-Linked Hydrogel Nanoparticles Containing Amoxicillin. <i>Journal of Pharmaceutical Sciences</i> , 2011, 100, 1057-1066.	1.6	32
112	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.	0.6	32
113	Multifunctional nanomedicines for targeting epidermal growth factor receptor in colorectal cancer. <i>Cellular and Molecular Life Sciences</i> , 2020, 77, 997-1019.	2.4	32
114	Synthesis and <i>In Vitro</i> Release of Adriamycin from Star-Shaped Poly(Lactide-co-Glycolide) Nano- and Microparticles. <i>Journal of Pharmaceutical Sciences</i> , 2010, 99, 3389-3397.	1.6	31
115	Nanoscaled aptasensors for multi-analyte sensing. <i>BiolImpacts</i> , 2014, 4, 205-215.	0.7	31
116	Pharmacogenetics and drug-induced nephrotoxicity in renal transplant recipients. <i>BiolImpacts</i> , 2015, 5, 45-54.	0.7	30
117	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.	3.6	30
118	<i>In silico</i> design of a triple-negative breast cancer vaccine by targeting cancer testis antigens. <i>BiolImpacts</i> , 2019, 9, 45-56.	0.7	30
119	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.	3.8	30
120	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.	1.9	29
121	Smart stimuli-responsive biopolymeric nanomedicines for targeted therapy of solid tumors. <i>Nanomedicine</i> , 2020, 15, 2171-2200.	1.7	29
122	Electrochemical impedance spectroscopic sensing of methamphetamine by a specific aptamer. <i>BiolImpacts</i> , 2012, 2, 91-5.	0.7	29
123	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.	2.2	28
124	Breast cancer vaccination comes to age: impacts of bioinformatics. <i>BiolImpacts</i> , 2018, 8, 223-235.	0.7	28
125	Towards a new avenue for producing therapeutic proteins: Microalgae as a tempting green biofactory. <i>Biotechnology Advances</i> , 2020, 40, 107499.	6.0	28
126	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.	1.2	27



#	ARTICLE	IF	CITATIONS
127	Microfluidic paper-based analytical devices (µPADs) for fast and ultrasensitive sensing of biomarkers and monitoring of diseases. <i>BiolImpacts</i> , 2018, 8, 237-240.	0.7	27
128	Stable transformation of <i>Spirulina</i> ( <i>Arthrospira</i> ) <i>platensis</i> : a promising microalga for production of edible vaccines. <i>Applied Microbiology and Biotechnology</i> , 2018, 102, 9267-9278.	1.7	27
129	Isolation and molecular identification of <i>Lactobacillus</i> with probiotic potential from abomasums driven rennet. <i>Food Chemistry</i> , 2019, 272, 709-714.	4.2	27
130	Recent advances in polymeric scaffolds containing carbon nanotube and graphene oxide for cartilage and bone regeneration. <i>Materials Today Communications</i> , 2021, 26, 102097.	0.9	27
131	Intrinsic bio-signature of gene delivery nanocarriers may impair gene therapy goals. <i>BiolImpacts</i> , 2013, 3, 105-9.	0.7	27
132	Astaxanthin protects mesenchymal stem cells from oxidative stress by direct scavenging of free radicals and modulation of cell signaling. <i>Chemico-Biological Interactions</i> , 2021, 333, 109324.	1.7	26
133	PEGylated gold nanoparticles-ribonuclease induced oxidative stress and apoptosis in colorectal cancer cells. <i>BiolImpacts</i> , 2020, 10, 27-36.	0.7	26
134	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.	1.3	25
135	Marrubiin-loaded solid lipid nanoparticles™ impact on TNF- $\alpha$ treated umbilical vein endothelial cells: A study for cardioprotective effect. <i>Colloids and Surfaces B: Biointerfaces</i> , 2018, 164, 299-307.	2.5	25
136	Nanobody-based therapeutics against colorectal cancer: Precision therapies based on the personal mutanome profile and tumor neoantigens. <i>Pharmacological Research</i> , 2020, 156, 104790.	3.1	25
137	Recent advances in breast cancer immunotherapy: The promising impact of nanomedicines. <i>Life Sciences</i> , 2021, 271, 119110.	2.0	25
138	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.	1.1	25
139	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, 387-393.	0.6	24
140	Bioengineered smart bacterial carriers for combinational targeted therapy of solid tumours. <i>Journal of Drug Targeting</i> , 2020, 28, 700-713.	2.1	24
141	Computerized techniques pave the way for drug-drug interaction prediction and interpretation. <i>BiolImpacts</i> , 2016, 6, 71-78.	0.7	24
142	Stereospecific chemical and enzymatic stability of phosphoramidate triester prodrugs of d4T in vitro. <i>European Journal of Pharmaceutical Sciences</i> , 2004, 22, 25-31.	1.9	23
143	Floral development in <i>Astragalus caspicus</i> Bieb. (Leguminosae: Papilionoideae: Galegeae). <i>Flora: Morphology, Distribution, Functional Ecology of Plants</i> , 2010, 205, 251-258.	0.6	23
144	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.	5.3	23

#	ARTICLE	IF	CITATIONS
145	A novel B- and helper T-cell epitopes-based prophylactic vaccine against <i>Echinococcus granulosus</i> . <i>BiolImpacts</i> , 2018, 8, 39-52.	0.7	23
146	Cadmium(II) complexes of a hydrazone ligand: Synthesis, characterization, DNA binding, cyto- and genotoxicity studies. <i>Polyhedron</i> , 2019, 171, 237-248.	1.0	23
147	The role of Piezo proteins and cellular mechanosensing in tuning the fate of transplanted stem cells. <i>Cell and Tissue Research</i> , 2020, 381, 1-12.	1.5	23
148	Recent advances in aptamer-based nanosystems and microfluidics devices for the detection of ovarian cancer biomarkers. <i>TrAC - Trends in Analytical Chemistry</i> , 2021, 143, 116343.	5.8	23
149	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.	1.5	23
150	Rapid and simple methodology for isolation of high quality genomic DNA from coniferous tissues ( <i>Taxus baccata</i> ). <i>Molecular Biology Reports</i> , 2010, 37, 833-837.	1.0	22
151	Fluorescent multi-responsive cross-linked P(N-isopropylacrylamide)-based nanocomposites for cisplatin delivery. <i>Drug Development and Industrial Pharmacy</i> , 2017, 43, 1283-1291.	0.9	22
152	Propyl gallate (PG) and tert-butylhydroquinone (TBHQ) may alter the potential anti-cancer behavior of probiotics. <i>Food Bioscience</i> , 2018, 24, 37-45.	2.0	22
153	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, 495-498.	0.5	22
154	Frequency of Five Important <i>CYP2D6</i> Alleles Within an Iranian Population (Eastern Azerbaijan). <i>Genetic Testing and Molecular Biomarkers</i> , 2009, 13, 665-670.	0.3	21
155	Determination of floral initiation in <i>Malus domestica</i> : a novel morphogenetic approach. <i>Biologia Plantarum</i> , 2011, 55, 243-252.	1.9	21
156	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, 4751-4756.	0.5	21
157	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.	1.7	21
158	The role of Hippo signaling pathway and mechanotransduction in tuning embryoid body formation and differentiation. <i>Journal of Cellular Physiology</i> , 2020, 235, 5072-5083.	2.0	21
159	Targeting Cytokines: Production and Characterization of Anti-TNF- $\alpha$ scFvs by Phage Display Technology. <i>Current Pharmaceutical Design</i> , 2013, 19, 2839-2847.	0.9	21
160	Novel aldehyde-terminated dendrimers; synthesis and cytotoxicity assay. <i>BiolImpacts</i> , 2012, 2, 97-103.	0.7	21
161	Impacts of oxidants and antioxidants on the emergence and progression of Alzheimer's disease. <i>Neurochemistry International</i> , 2022, 153, 105268.	1.9	21
162	Label-free electrochemical microfluidic biosensors: futuristic point-of-care analytical devices for monitoring diseases. <i>Mikrochimica Acta</i> , 2022, 189, .	2.5	21

#	ARTICLE	IF	CITATIONS
163	Callus culture of <i>Echium italicum</i> L. towards production of a shikonin derivative. <i>Natural Product Research</i> , 2011, 25, 1480-1487.	1.0	20
164	Systematic Evolution of Ligands by Exponential Enrichment Selection of Specific Aptamer for Sensing of Methamphetamine. <i>Sensor Letters</i> , 2013, 11, 566-570.	0.4	20
165	Phage display-derived antibody fragments against conserved regions of VacA toxin of <i>Helicobacter pylori</i> . <i>Applied Microbiology and Biotechnology</i> , 2018, 102, 6899-6913.	1.7	20
166	Selection of a fully human single domain antibody specific to <i>Helicobacter pylori</i> urease. <i>Applied Microbiology and Biotechnology</i> , 2019, 103, 3407-3420.	1.7	19
167	Modulatory Role of Vaginal-Isolated <i>Lactococcus lactis</i> on the Expression of miR-21, miR-200b, and TLR-4 in CAOV-4 Cells and In Silico Revalidation. <i>Probiotics and Antimicrobial Proteins</i> , 2020, 12, 1083-1096.	1.9	19
168	<i>Lactobacillus plantarum</i> induces apoptosis in gastric cancer cells via modulation of signaling pathways in <i>Helicobacter pylori</i> . <i>BiolImpacts</i> , 2020, 10, 65-72.	0.7	19
169	c-Src Antisense Complexed with PAMAM Dendrimers Decreases 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, 2235-2240.	0.5	19
170	A robust universal method for extraction of genomic DNA from bacterial species. <i>Mikrobiologija</i> , 2010, 79, 562-6.	0.1	19
171	Development and characterization of monoclonal antibodies against human epidermal growth factor receptor in Balb/c mice. <i>Human Antibodies</i> , 2009, 18, 11-16.	0.6	18
172	Neonatal and pediatric oral drug delivery: Hopes and hurdles. <i>International Journal of Pharmaceutics</i> , 2021, 597, 120296.	2.6	18
173	Translational Approaches towards Cancer Gene Therapy: Hurdles and Hopes. <i>BiolImpacts</i> , 2012, 2, 127-43.	0.7	18
174	Physicochemical and biological properties of self-assembled antisense/poly(amidoamine) dendrimer nanoparticles: the effect of dendrimer generation and charge ratio. <i>International Journal of Nanomedicine</i> , 2010, 5, 359.	3.3	17
175	Pleiotropic cytotoxicity of VacA toxin in host cells and its impact on immunotherapy. <i>BiolImpacts</i> , 2017, 7, 59-71.	0.7	17
176	Genetics and Epigenetics of Chronic Allograft Dysfunction in Kidney Transplants. <i>Iranian Journal of Kidney Diseases</i> , 2016, 10, 1-9.	0.1	17
177	A review of machine learning approaches for drug synergy prediction in cancer. <i>Briefings in Bioinformatics</i> , 2022, 23, .	3.2	17
178	Efficiency and cytotoxicity analysis of cationic lipids-mediated gene transfection into AGS gastric cancer cells. <i>Artificial Cells, Nanomedicine and Biotechnology</i> , 2018, 46, 1001-1008.	1.9	16
179	Targeted enzyme delivery systems in lysosomal disorders: an innovative form of therapy for mucopolysaccharidosis. <i>Cellular and Molecular Life Sciences</i> , 2019, 76, 3363-3381.	2.4	16
180	Next-generation vaccines and the impacts of state-of-the-art in-silico technologies. <i>Biologicals</i> , 2021, 69, 83-85.	0.5	16

#	ARTICLE	IF	CITATIONS
181	A prospective highlight on exosomal nanoshuttles and cancer immunotherapy and vaccination. <i>BiolImpacts</i> , 2015, 5, 117-122.	0.7	16
182	Chemical variation of the essential oil of <i>Prangos uloptera</i> DC. at different stages of growth. <i>Natural Product Research</i> , 2011, 25, 663-668.	1.0	15
183	Downstream characterization of anti-TNF- $\alpha$ single chain variable fragment antibodies. <i>Human Antibodies</i> , 2012, 21, 41-48.	0.6	15
184	Fe <sub>3</sub> O <sub>4</sub> nanoparticles engineered for plasmid DNA delivery to <i>Escherichia coli</i> . <i>Journal of Nanoparticle Research</i> , 2014, 16, 1.	0.8	15
185	Phage antibody library screening for the selection of novel high-affinity human single-chain variable fragment against gastrin receptor: an in silico and in vitro study. <i>DARU, Journal of Pharmaceutical Sciences</i> , 2019, 27, 21-34.	0.9	15
186	Drug delivery and targeting to brain tumors: considerations for crossing the blood-brain barrier. <i>Expert Review of Clinical Pharmacology</i> , 2021, 14, 357-381.	1.3	15
187	Bioactive hydrogel-based scaffolds for the regeneration of dental pulp tissue. <i>Journal of Drug Delivery Science and Technology</i> , 2021, 64, 102600.	1.4	15
188	A novel multi-objective metaheuristic algorithm for protein-peptide docking and benchmarking on the LEADS-PEP dataset. <i>Computers in Biology and Medicine</i> , 2021, 138, 104896.	3.9	15
189	Barrier functionality and transport machineries of human ECV304 cells. <i>Medical Science Monitor</i> , 2010, 16, BR52-60.	0.5	15
190	Impacts of anti-EGFR monoclonal antibody in prostate cancer PC3 cells. <i>Human Antibodies</i> , 2010, 19, 63-70.	0.6	14
191	Tumor vascular biomarkers: New opportunities for cancer diagnostics <sup>1</sup> . <i>Cancer Biomarkers</i> , 2011, 8, 253-271.	0.8	14
192	The search for a promising cell factory system for production of edible vaccine. <i>Human Vaccines and Immunotherapeutics</i> , 2014, 10, 2497-2502.	1.4	14
193	Type 1 diabetes: Through the lens of human genome and metagenome interplay. <i>Biomedicine and Pharmacotherapy</i> , 2018, 104, 332-342.	2.5	14
194	Microfluidic-based separation and detection of synthetic antioxidants by integrated gold electrodes followed by HPLC-DAD. <i>Microchemical Journal</i> , 2019, 149, 104059.	2.3	14
195	Stimuli-responsive graphene oxide and methotrexate-loaded magnetic nanoparticles for breast cancer-targeted therapy. <i>Nanomedicine</i> , 2021, 16, 2155-2174.	1.7	14
196	A glance at DNA microarray technology and applications. <i>BiolImpacts</i> , 2011, 1, 75-86.	0.7	14
197	The design of polycaprolactone-polyurethane/chitosan composite for bone tissue engineering. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2022, 634, 127895.	2.3	14
198	Hydrogel-based scaffolds for bone and cartilage tissue engineering and regeneration. <i>Reactive and Functional Polymers</i> , 2022, 177, 105313.	2.0	14

#	ARTICLE	IF	CITATIONS
199	Multifunctional magnetic nanoparticles for MRI-guided co-delivery of erlotinib and L-asparaginase to ovarian cancer. <i>Journal of Microencapsulation</i> , 2022, 39, 394-408.	1.2	14
200	Mitochondria-targeted antioxidant mito-TEMPO alleviate oxidative stress induced by antimycin A in human mesenchymal stem cells. <i>Journal of Cellular Physiology</i> , 2020, 235, 5628-5636.	2.0	13
201	A machine learning method based on the genetic and world competitive contests algorithms for selecting genes or features in biological applications. <i>Scientific Reports</i> , 2021, 11, 3349.	1.6	13
202	Recent progress in the development of aptasensors for cancer diagnosis: Focusing on aptamers against cancer biomarkers. <i>Microchemical Journal</i> , 2021, 170, 106640.	2.3	13
203	Designing a new generation of expression toolkits for engineering of green microalgae; robust production of human interleukin-2. <i>BiolImpacts</i> , 2020, 10, 259-268.	0.7	13
204	Novel thermosensitive poly (N-isopropylacrylamide-co-vinylpyrrolidone-co-methacrylic acid) nanosystems for delivery of natural products.. <i>International Journal of Drug Delivery</i> , 2010, 2, 278-286.	0.2	13
205	Integration of Molecular, Cellular and Translational Researches in BiolImpacts. <i>BiolImpacts</i> , 2011, 1, 3-5.	0.7	13
206	Role of environmental toxicants in the development of hypertensive and cardiovascular diseases. <i>Toxicology Reports</i> , 2022, 9, 521-533.	1.6	13
207	Prevention of Selenite-Induced Cataractogenesis in Wistar Albino Rats by Aqueous Extract of Garlic. <i>Journal of Ocular Pharmacology and Therapeutics</i> , 2009, 25, 395-400.	0.6	12
208	Floral nectar composition of <i>Peganum harmala</i> L.. <i>Natural Product Research</i> , 2009, 23, 301-308.	1.0	12
209	Improved Soluble ScFv ELISA Screening Approach for Antibody Discovery Using Phage Display Technology. <i>SLAS Discovery</i> , 2017, 22, 1026-1034.	1.4	12
210	Structure-based drug repurposing against COVID-19 and emerging infectious diseases: methods, resources and discoveries. <i>Briefings in Bioinformatics</i> , 2021, 22, .	3.2	12
211	Contemporary applications of thermogelling PEO-PPO-PEO triblock copolymers. <i>Journal of Drug Delivery Science and Technology</i> , 2022, 70, 103182.	1.4	12
212	Bioactive functional scaffolds for stem cells delivery in wound healing and skin regeneration. <i>Reactive and Functional Polymers</i> , 2022, 174, 105233.	2.0	12
213	Batch adsorption/desorption for purification of scFv antibodies using nanozeolite microspheres. <i>Microporous and Mesoporous Materials</i> , 2018, 264, 167-175.	2.2	11
214	Semi self-doped electroconductive and biocompatible polyaniline/sulfonated $\beta$ -cyclodextrin (PANI/SCD) inclusion complex with potential use in regenerative medicine. <i>International Journal of Polymeric Materials and Polymeric Biomaterials</i> , 2020, 69, 437-448.	1.8	11
215	Folate Receptor-mediated delivery of 1-MDT-loaded mesoporous silica magnetic nanoparticles to target breast cancer cells. <i>Nanomedicine</i> , 2021, 16, 2137-2154.	1.7	11
216	Mathematical Models to Shed Light on Amyloid-Beta and Tau Protein Dependent Pathologies in Alzheimer's Disease. <i>Neuroscience</i> , 2020, 424, 45-57.	1.1	10

#	ARTICLE	IF	CITATIONS
217	Computational modeling to determine key regulators of hypoxia effects on the lactate production in the glycolysis pathway. <i>Scientific Reports</i> , 2020, 10, 9163.	1.6	10
218	Functional expression and impact of testis-specific gene antigen 10 in breast cancer: a combined in vitro and in silico analysis. <i>BiolImpacts</i> , 2019, 9, 145-159.	0.7	10
219	Anti-cancer properties of Nissle 1917 against HT-29 colon cancer cells through regulation of Bax/Bcl-xL and AKT/PTEN signaling pathways. <i>Iranian Journal of Basic Medical Sciences</i> , 2020, 23, 886-893.	1.0	10
220	Cyto/Genotoxic Effects of Pistacia atlantica Resin, a Traditional Gum. <i>DNA and Cell Biology</i> , 2016, 35, 261-266.	0.9	9
221	Vaccination with rEGVac elicits immunoprotection against different stages of <i>Echinococcus granulosus</i> life cycle: A pilot study. <i>Acta Tropica</i> , 2021, 218, 105883.	0.9	9
222	Renewed interests in carbonic anhydrase IX in relevance to breast cancer treatment. <i>BiolImpacts</i> , 2019, 9, 195-197.	0.7	9
223	Translational researches require effective protocols for knowledge and technology transfer and integration. <i>BiolImpacts</i> , 2011, 1, 71-3.	0.7	9
224	CNT Nanobombs for Specific Eradication of Cancer Cells: A New Concept in Cancer Theranostics. <i>BiolImpacts</i> , 2011, 1, 199-201.	0.7	9
225	Pharmacoinformatics-based phytochemical screening for anticancer impacts of yellow sweet clover, <i>Melilotus officinalis</i> (Linn.) Pall. <i>Computers in Biology and Medicine</i> , 2021, 138, 104921.	3.9	9
226	Targeted Gene Therapy of Cancer: Second Amendment toward Holistic Therapy. <i>BiolImpacts</i> , 2013, 3, 49-51.	0.7	9
227	Imposition of encapsulated non-indigenous probiotics into intestine may disturb human core microbiome. <i>Frontiers in Microbiology</i> , 2014, 5, 393.	1.5	8
228	Production of Anticancer Secondary Metabolites: Impacts of Bioprocess Engineering. , 2012, , 215-240.		8
229	Designing a light-activated recombinant alpha hemolysin for colorectal cancer targeting. <i>BiolImpacts</i> , 2020, 10, 187-193.	0.7	8
230	Barrier functionality of porcine and bovine brain capillary endothelial cells. <i>BiolImpacts</i> , 2011, 1, 153-9.	0.7	8
231	Preparation and Evaluation of Sustained Release Calcium Alginate Beads and Matrix Tablets of Acetazolamide. <i>Drug Research</i> , 2013, 63, 60-64.	0.7	7
232	Targeted therapy of solid tumors by monoclonal antibody specific to epidermal growth factor receptor. <i>Human Antibodies</i> , 2015, 23, 13-20.	0.6	7
233	Ultra-sensitive facile CdS nanocrystals-based electrochemical biosensor to detect myocardial infarction marker troponin. <i>Microchemical Journal</i> , 2021, 165, 106107.	2.3	7
234	Role of cellulose family in fibril organization of collagen for forming 3D cancer spheroids: <i>in vitro</i> and <i>in silico</i> approach. <i>BiolImpacts</i> , 2020, 11, 111-117.	0.7	7

#	ARTICLE	IF	CITATIONS
235	Aptamedicine: a new treatment modality in personalized cancer therapy. <i>BioImpacts</i> , 2019, 9, 66-69.	0.7	7
236	Blockchain in pharmaceutical life cycle management. <i>Drug Discovery Today</i> , 2022, 27, 935-938.	3.2	7
237	Bioactive Chitosan-Based Organometallic Scaffolds for Tissue Engineering and Regeneration. <i>Topics in Current Chemistry</i> , 2022, 380, 13.	3.0	7
238	Bioelectrical and Permeability Properties of Brain Microvasculature Endothelial Cells: Effects of Tight Junction Modulators. <i>Journal of Biological Sciences</i> , 2008, 8, 556-562.	0.1	6
239	Affinity Purification of Tumor Necrosis Factor- $\alpha$ Expressed in Raji Cells by Produced scFv Antibody Coupled CNBr-Activated Sepharose. <i>Advanced Pharmaceutical Bulletin</i> , 2013, 3, 19-23.	0.6	6
240	Synthesis and biological impacts of pollen shells/Fe <sub>3</sub> O <sub>4</sub> nanoparticles composites on human MG-63 osteosarcoma cells. <i>Journal of Trace Elements in Medicine and Biology</i> , 2022, 71, 126921.	1.5	6
241	Unraveling pathological mechanisms in neurological disorders: the impact of cell-based and organoid models. <i>Neural Regeneration Research</i> , 2022, 17, 2131.	1.6	6
242	What role can bispecific antibodies play in cancer targeting? A hypothesis. <i>Medical Hypotheses</i> , 2013, 81, 44-46.	0.8	5
243	An <i>In Vivo</i> Assessment of Blood-Brain Barrier Disruption in a Rat Model of Ischemic Stroke. <i>Journal of Visualized Experiments</i> , 2018, , .	0.2	5
244	Targeted combined therapy in 2D and 3D cultured MCF-7 cells using metformin and erlotinib-loaded mesoporous silica magnetic nanoparticles. <i>Journal of Microencapsulation</i> , 2021, 38, 472-485.	1.2	5
245	Recent advances in nanoscale targeted therapy of HER2-positive breast cancer. <i>Journal of Drug Targeting</i> , 2022, 30, 687-708.	2.1	5
246	Recent advances in graphene-based polymer composite scaffolds for bone/cartilage tissue engineering. <i>Journal of Drug Delivery Science and Technology</i> , 2022, 72, 103360.	1.4	5
247	Synthesis, characterization, and drug release behavior of novel PEGylated bovine serum albumin as a carrier for anticancer agents. <i>Journal of Applied Polymer Science</i> , 2011, 119, 2635-2643.	1.3	4
248	Size-dependent thermo-mechanical vibration of lipid supramolecular nano-tubules via nonlocal strain gradient Timoshenko beam theory. <i>Computers in Biology and Medicine</i> , 2021, 134, 104475.	3.9	4
249	In vitro evaluation of adhesion and mechanical properties of oral thin films. <i>European Journal of Pharmaceutical Sciences</i> , 2021, 166, 105965.	1.9	4
250	Nanomedicines Impacts in Ocular Delivery and Targeting. , 2012, , 43-106.		4
251	Chitosan-based bioactive hydrogels for osteogenic differentiation of dental pulp stem cells. <i>Journal of Drug Delivery Science and Technology</i> , 2022, 73, 103478.	1.4	4
252	Application of Quartz Crystal Nanobalance for Simultaneous Determination of Vanillylmandelic and Homovanillic Acids by a Net Analyte Signal-Based Method. <i>Applied Biochemistry and Biotechnology</i> , 2009, 159, 54-64.	1.4	3

#	ARTICLE	IF	CITATIONS
253	Cost-effective batch production process of scFv antibody in <i>Escherichia coli</i> . <i>Human Antibodies</i> , 2018, 26, 149-157.	0.6	3
254	Radiolabeled Theranostics. , 2019, , 535-547.		3
255	Nesting and fate of transplanted stem cells in hypoxic/ischemic injured tissues: The role of HIF1 $\alpha$ and downstream molecular interactions. <i>BioFactors</i> , 2023, 49, 6-20.	2.6	3
256	Enzyme replacement combinational therapy: effective treatments for mucopolysaccharidoses. <i>Expert Opinion on Biological Therapy</i> , 2021, 21, 1181-1197.	1.4	3
257	Abuse-deterrent properties and cytotoxicity of poly(ethylene oxide) after thermal tampering. <i>International Journal of Pharmaceutics</i> , 2021, 600, 120481.	2.6	3
258	Immunotargeting and therapy of cancer by advanced multivalence antibody scaffolds. <i>Journal of Drug Targeting</i> , 2020, 28, 1018-1033.	2.1	3
259	Biological Membranes and Barriers. , 2004, , .		3
260	Cellular Trafficking and Subcellular Interactions of Cationic Gene Delivery Nanomaterials. <i>Journal of Pharmacy and Nutrition Sciences (discontinued)</i> , 2022, 1, 68-81.	0.2	3
261	Chitosan-Based Biomaterials: Their Interaction with Natural and Synthetic Materials for Cartilage, Bone, Cardiac, Vascular, and Neural Tissue Engineering. , 2021, , 619-650.		3
262	The use of 18S ribosomal DNA, ITS and <i>rbcL</i> molecular markers to study the genus <i>Dunaliella</i> ( <i>Dunaliellaceae</i> ) in Iranian samples: A phylogenetic approach. <i>Oceanological and Hydrobiological Studies</i> , 2020, 49, 88-98.	0.3	3
263	Recent advancements in cell-based models for auditory disorders. <i>BioImpacts</i> , 2022, 12, 155-169.	0.7	3
264	Personalized cell-mediated immunotherapy and vaccination: combating detrimental uprisings of malignancies. <i>BioImpacts</i> , 2015, 5, 65-69.	0.7	2
265	Nanotechnology for ocular and optic drug delivery and targeting. , 2020, , 499-523.		2
266	The protective effect of N-acetylcysteine on antimycin A-induced respiratory chain deficiency in mesenchymal stem cells. <i>Chemico-Biological Interactions</i> , 2022, 360, 109937.	1.7	2
267	Opioid epidemic and the urge to discover new treatment options. <i>Drug Discovery Today</i> , 2022, 27, 2406-2410.	3.2	2
268	Toxicity of the polymeric excipients in geriatric polypharmacy. <i>International Journal of Pharmaceutics</i> , 2022, 622, 121901.	2.6	2
269	Establishment of an electrochemical RNA aptamer-based biosensor to trace nanomolar concentrations of codeine. <i>Turkish Journal of Chemistry</i> , 2013, , .	0.5	1
270	Inhibitory Effects of Methylsulfonylmethane on Ventricular Hypertrophy Related Gene Expression. <i>International Journal of Pharmacology</i> , 2012, 8, 647-651.	0.1	1



#	ARTICLE	IF	CITATIONS
271	Blood-Brain Barrier and Effectiveness of Therapy Against Brain Tumors. , 0, , .		1
272	Recent Advances in Hydrogels and Stem Cells. , 2021, , 589-618.		1
273	Effects of Camellia sinensis L. extract and cysteine on browning, growth and paclitaxel production of subcultured Taxus brevifolia L. calli. Journal of Medicinal Plants Research, 2011, 5, .	0.2	1
274	SU8/glass microchip capillary electrophoresis integrated with Pt electrodes for separation and simultaneous detection of phenylephrine and acetaminophen. BiolImpacts, 2020, 11, 263-269.	0.7	1
275	Optogenetics: A new tool for cancer investigation and treatment. BiolImpacts, 2022, 12, 295-299.	0.7	1
276	TEM1-targeting PEGylated PLGA shikonin nanoformulation for immunomodulation and eradication of ovarian cancer.. BiolImpacts, 2022, 12, 65-86.	0.7	1
277	Green and chemical reduction approaches for facile pH-dependent synthesis of gold nanoparticles. Inorganic and Nano-Metal Chemistry, 2022, 52, 1396-1404.	0.9	1
278	Polymorphisms in large neutral amino acids transporter, system L, in association with CNS disorders. Bioscience Hypotheses, 2008, 1, 109-111.	0.2	0
279	Mevalonate independent effects of atorvastatin on angiogenesis: Relevance to cancer. Bioscience Hypotheses, 2008, 1, 67-69.	0.2	0
280	Impacts of DNA Microarray Technology in Gene Therapy. , 2011, , .		0
281	Magnetic nanoparticle-polymer nanohybrids. , 2021, , 183-208.		0
282	Transformative dynamism in pharmaceutical and biomedical research: Complexity of integration of innovative R & D hubs. BiolImpacts, 2021, 11, 227-233.	0.7	0
283	Medical applications of multifunctional magnetic nanoparticles. , 2021, , 447-462.		0
284	Cancer Gene Therapy: Targeted Genomedicines. , 0, , .		0
285	Achievements and beyond: Scientific trajectory of Professor Mohammad A. Rafi. BiolImpacts, 2021, 11, 1-4.	0.7	0
286	Extended-Release Tablets of Nitrofurantoin: An Old Antibiotic Carried in a New Formulation. Pharmaceutical Chemistry Journal, 2021, 55, 808-813.	0.3	0
287	Biocompatibility Evaluation of Hollow Pollen Grains/Fe <sub>3</sub> O <sub>4</sub> Nanoparticles Composites as Potential Medical Devices. International Journal of Nanoscience, 2021, 20, .	0.4	0
288	Hollow pollen grains as scaffolding building blocks in bone tissue engineering. BiolImpacts, 2021, , .	0.7	0