

Yadollah Omid

List of Publications by Year in Descending Order

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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	Synthesis and biological impacts of pollen shells/FeO nanoparticles composites on human MG-63 osteosarcoma cells.. <i>Journal of Trace Elements in Medicine and Biology</i> , 2022 , 71, 126921	4.1	0
273	Bioactive Chitosan-Based Organometallic Scaffolds for Tissue Engineering and Regeneration.. <i>Topics in Current Chemistry</i> , 2022 , 380, 13	7.2	1
272	Role of environmental toxicants in the development of hypertensive and cardiovascular diseases.. <i>Toxicology Reports</i> , 2022 , 9, 521-533	4.8	0
271	Unraveling pathological mechanisms in neurological disorders: the impact of cell-based and organoid models.. <i>Neural Regeneration Research</i> , 2022 , 17, 2131-2140	4.5	0
270	Recent advancements in cell-based models for auditory disorders.. <i>BiolImpacts</i> , 2022 , 12, 155-169	3.5	
269	Recent advances in nanoscale targeted therapy of HER2-positive breast cancer.. <i>Journal of Drug Targeting</i> , 2022 , 1-48	5.4	0
268	Contemporary applications of thermogelling PEO-PPO-PEO triblock copolymers. <i>Journal of Drug Delivery Science and Technology</i> , 2022 , 70, 103182	4.5	3
267	Bioactive functional scaffolds for stem cells delivery in wound healing and skin regeneration. <i>Reactive and Functional Polymers</i> , 2022 , 174, 105233	4.6	1
266	Biomedical Applications of Nano-Engineered Enzymes: Current Status and Future Direction 2022 , 389-426		0
265	Nanoscale Vaccines: Design, Delivery, and Applications 2022 , 437-468		
264	The protective effect of N-acetylcysteine on antimycin A-induced respiratory chain deficiency in mesenchymal stem cells.. <i>Chemico-Biological Interactions</i> , 2022 , 109937	5	1
263	TEM1-targeting PEGylated PLGA shikonin nanoformulation for immunomodulation and eradication of ovarian cancer.. <i>BiolImpacts</i> , 2022 , 12, 65-86	3.5	
262	Recent advances in graphene-based polymer composite scaffolds for bone/cartilage tissue engineering. <i>Journal of Drug Delivery Science and Technology</i> , 2022 , 103360	4.5	1
261	Chitosan-based bioactive hydrogels for osteogenic differentiation of dental pulp stem cells. <i>Journal of Drug Delivery Science and Technology</i> , 2022 , 103478	4.5	1
260	SU8/glass microchip capillary electrophoresis integrated with Pt electrodes for separation and simultaneous detection of phenylephrine and acetaminophen. <i>BiolImpacts</i> , 2021 , 11, 263-269	3.5	
259	The design of polycaprolactone-polyurethane/chitosan composite for bone tissue engineering. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2021 , 127895	5.1	1
258	Extended-Release Tablets of Nitrofurantoin: An Old Antibiotic Carried in a New Formulation. <i>Pharmaceutical Chemistry Journal</i> , 2021 , 55, 808-813	0.9	

257	Impacts of oxidants and antioxidants on the emergence and progression of Alzheimer's disease.. <i>Neurochemistry International</i> , 2021 , 105268	4.4	2
256	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
255	Role of cellulose family in fibril organization of collagen for forming 3D cancer spheroids: and approach. <i>BiolImpacts</i> , 2021 , 11, 111-117	3.5	3
254	Chitosan-Based Biomaterials: Their Interaction with Natural and Synthetic Materials for Cartilage, Bone, Cardiac, Vascular, and Neural Tissue Engineering 2021 , 619-650		0
253	Recent Advances in Hydrogels and Stem Cells 2021 , 589-618		0
252	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	7	2
251	Neonatal and pediatric oral drug delivery: Hopes and hurdles. <i>International Journal of Pharmaceutics</i> , 2021 , 597, 120296	6.5	5
250	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
249	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	3.8	5
248	Enzyme replacement combinational therapy: effective treatments for mucopolysaccharidoses. <i>Expert Opinion on Biological Therapy</i> , 2021 , 21, 1181-1197	5.4	0
247	Recent advances in breast cancer immunotherapy: The promising impact of nanomedicines. <i>Life Sciences</i> , 2021 , 271, 119110	6.8	4
246	Abuse-deterrent properties and cytotoxicity of poly(ethylene oxide) after thermal tampering. <i>International Journal of Pharmaceutics</i> , 2021 , 600, 120481	6.5	1
245	Structure-based drug repurposing against COVID-19 and emerging infectious diseases: methods, resources and discoveries. <i>Briefings in Bioinformatics</i> , 2021 , 22,	13.4	2
244	Ultra-sensitive facile CdS nanocrystals-based electrochemical biosensor to detect myocardial infarction marker troponin. <i>Microchemical Journal</i> , 2021 , 165, 106107	4.8	3
243	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	3.2	5
242	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
241	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	5	7
240	Next-generation vaccines and the impacts of state-of-the-art in-silico technologies. <i>Biologicals</i> , 2021 , 69, 83-85	1.8	7

239	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
238	Magnetic nanoparticle-polymer nanohybrids 2021 , 183-208		
237	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	4.9	4
236	Transformative dynamism in pharmaceutical and biomedical research: Complexity of integration of innovative R & D hubs. <i>BiolImpacts</i> , 2021 , 11, 227-233	3.5	
235	Recent advances in polymeric scaffolds containing carbon nanotube and graphene oxide for cartilage and bone regeneration. <i>Materials Today Communications</i> , 2021 , 26, 102097	2.5	13
234	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	7	1
233	Bioactive hydrogel-based scaffolds for the regeneration of dental pulp tissue. <i>Journal of Drug Delivery Science and Technology</i> , 2021 , 64, 102600	4.5	5
232	Stimuli-responsive graphene oxide and methotrexate-loaded magnetic nanoparticles for breast cancer-targeted therapy. <i>Nanomedicine</i> , 2021 , 16, 2155-2174	5.6	4
231	Nanotechnology for Targeted Detection and Removal of Bacteria: Opportunities and Challenges. <i>Advanced Science</i> , 2021 , 8, e2100556	13.6	7
230	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	3.4	2
229	Folate receptor-mediated delivery of 1-MDT-loaded mesoporous silica magnetic nanoparticles to target breast cancer cells. <i>Nanomedicine</i> , 2021 , 16, 2137-2154	5.6	1
228	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	14.6	8
227	Recent progress in the development of aptasensors for cancer diagnosis: Focusing on aptamers against cancer biomarkers. <i>Microchemical Journal</i> , 2021 , 170, 106640	4.8	3
226	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	7	3
225	In vitro evaluation of adhesion and mechanical properties of oral thin films. <i>European Journal of Pharmaceutical Sciences</i> , 2021 , 166, 105965	5.1	0
224	Medical applications of multifunctional magnetic nanoparticles 2021 , 447-462		
223	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
222	Graphene-based multifunctional nanosystems for simultaneous detection and treatment of breast cancer. <i>Colloids and Surfaces B: Biointerfaces</i> , 2020 , 193, 111104	6	26

221	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
220	Computational modeling to determine key regulators of hypoxia effects on the lactate production in the glycolysis pathway. <i>Scientific Reports</i> , 2020 , 10, 9163	4.9	4
219	Nanotechnology for ocular and optic drug delivery and targeting 2020 , 499-523		1
218	Bioengineered smart bacterial carriers for combinational targeted therapy of solid tumours. <i>Journal of Drug Targeting</i> , 2020 , 28, 700-713	5.4	16
217	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	7	10
216	A novel electrochemical immunosensor for ultrasensitive detection of CA125 in ovarian cancer. <i>Biosensors and Bioelectronics</i> , 2020 , 153, 112029	11.8	45
215	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	7	8
214	Epitope-based vaccine design: a comprehensive overview of bioinformatics approaches. <i>Drug Discovery Today</i> , 2020 , 25, 1034-1042	8.8	55
213	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	4.2	12
212	Nanobody-based therapeutics against colorectal cancer: Precision therapies based on the personal mutanome profile and tumor neoantigens. <i>Pharmacological Research</i> , 2020 , 156, 104790	10.2	14
211	Bioactive polymeric scaffolds for osteogenic repair and bone regenerative medicine. <i>Medicinal Research Reviews</i> , 2020 , 40, 1833-1870	14.4	38
210	PEGylated gold nanoparticles-ribonuclease induced oxidative stress and apoptosis in colorectal cancer cells. <i>BioImpacts</i> , 2020 , 10, 27-36	3.5	15
209	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	1.8	3
208	induces apoptosis in gastric cancer cells via modulation of signaling pathways in. <i>BioImpacts</i> , 2020 , 10, 65-72	3.5	7
207	Designing a light-activated recombinant alpha hemolysin for colorectal cancer targeting. <i>BioImpacts</i> , 2020 , 10, 187-193	3.5	1
206	Designing a new generation of expression toolkits for engineering of green microalgae; robust production of human interleukin-2. <i>BioImpacts</i> , 2020 , 10, 259-268	3.5	2
205	The use of 18S ribosomal DNA, ITS and rbcL 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	0.8	1
204	Immunotargeting and therapy of cancer by advanced multivalence antibody scaffolds. <i>Journal of Drug Targeting</i> , 2020 , 28, 1018-1033	5.4	2

203	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
202	Mathematical Models to Shed Light on Amyloid-Beta and Tau Protein Dependent Pathologies in Alzheimer's Disease. <i>Neuroscience</i> , 2020 , 424, 45-57	3.9	2
201	Towards a new avenue for producing therapeutic proteins: Microalgae as a tempting green biofactory. <i>Biotechnology Advances</i> , 2020 , 40, 107499	17.8	15
200	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
199	Modulatory Role of Vaginal-Isolated Lactococcus lactis 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	5.5	8
198	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
197	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
196	Nesting and fate of transplanted stem cells in hypoxic/ischemic injured tissues: The role of HIF1 α siRNAs and downstream molecular interactions. <i>BioFactors</i> , 2020 ,	6.1	1
195	Smart stimuli-responsive biopolymeric nanomedicines for targeted therapy of solid tumors. <i>Nanomedicine</i> , 2020 , 15, 2171-2200	5.6	13
194	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
193	Drug databases and their contributions to drug repurposing. <i>Genomics</i> , 2020 , 112, 1087-1095	4.3	38
192	Semi self-doped electroconductive and biocompatible polyaniline/sulfonated β -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	3	6
191	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
190	Amperometric lactate nanobiosensor based on reduced graphene oxide, carbon nanotube and gold nanoparticle nanocomposite. <i>Mikrochimica Acta</i> , 2019 , 186, 680	5.8	21
189	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
188	Radiolabeled Theranostics: Magnetic and Gold Hybrid Nanoparticles 2019 , 535-547		3
187	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
186	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

185	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
184	Cadmium-free quantum dot-based theranostics. <i>TrAC - Trends in Analytical Chemistry</i> , 2019 , 118, 386-400	4.6	29
183	design of a triple-negative breast cancer vaccine by targeting cancer testis antigens. <i>BioImpacts</i> , 2019 , 9, 45-56	3.5	15
182	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	10.3	8
181	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
180	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
179	Selection of a fully human single domain antibody specific to Helicobacter pylori urease. <i>Applied Microbiology and Biotechnology</i> , 2019 , 103, 3407-3420	5.7	10
178	Isolation and molecular identification of Lactobacillus with probiotic potential from abomasums driven rennet. <i>Food Chemistry</i> , 2019 , 272, 709-714	8.5	16
177	Pathogenicity of Helicobacter pylori in cancer development and impacts of vaccination. <i>Gastric Cancer</i> , 2019 , 22, 23-36	7.6	27
176	Cadmium(II) complexes of a hydrazone ligand: Synthesis, characterization, DNA binding, cyto- and genotoxicity studies. <i>Polyhedron</i> , 2019 , 171, 237-248	2.7	14
175	Microfluidic-based separation and detection of synthetic antioxidants by integrated gold electrodes followed by HPLC-DAD. <i>Microchemical Journal</i> , 2019 , 149, 104059	4.8	7
174	Trader as a new optimization algorithm predicts drug-target interactions efficiently. <i>Scientific Reports</i> , 2019 , 9, 9348	4.9	27
173	Functional expression and impact of testis-specific gene antigen 10 in breast cancer: a combined in vitro and in silico analysis. <i>BioImpacts</i> , 2019 , 9, 145-159	3.5	9
172	Ultra-sensitive detection by metal nanoparticles-mediated enhanced SPR biosensors. <i>Talanta</i> , 2019 , 192, 118-127	6.2	81
171	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	3.9	10
170	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
169	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
168	An In Vivo Assessment of Blood-Brain Barrier Disruption in a Rat Model of Ischemic Stroke. <i>Journal of Visualized Experiments</i> , 2018 ,	1.6	4

167	Batch adsorption/desorption for purification of scFv antibodies using nanozeolite microspheres. <i>Microporous and Mesoporous Materials</i> , 2018 , 264, 167-175	5.3	9
166	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	6.1	11
165	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
164	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
163	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
162	Biocompatible and electroconductive polyaniline-based biomaterials for electrical stimulation. <i>European Polymer Journal</i> , 2018 , 108, 150-170	5.2	30
161	Gold nanoparticles for radiosensitizing and imaging of cancer cells. <i>Radiation Physics and Chemistry</i> , 2018 , 152, 137-144	2.5	23
160	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	5.7	13
159	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
158	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
157	Current status and future prospective of vaccine development against <i>Echinococcus granulosus</i> . <i>Biologicals</i> , 2018 , 51, 1-11	1.8	32
156	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
155	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
154	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
153	A novel B- and helper T-cell epitopes-based prophylactic vaccine against. <i>BiolImpacts</i> , 2018 , 8, 39-52	3.5	17
152	Breast cancer vaccination comes to age: impacts of bioinformatics. <i>BiolImpacts</i> , 2018 , 8, 223-235	3.5	17
151	Multifunctional Graphene-Based Nanocomposites for Cancer Diagnosis and Therapy 2018 , 289-308		
150	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

149	Mucin-1 aptamer-armed superparamagnetic iron oxide nanoparticles for targeted delivery of doxorubicin to breast cancer cells. <i>BioImpacts</i> , 2018 , 8, 117-127	3.5	36
148	Combating atherosclerosis with targeted nanomedicines: recent advances and future prospective. <i>BioImpacts</i> , 2018 , 8, 59-75	3.5	32
147	Astaxanthin-Loaded Nanostructured Lipid Carriers for Preservation of Antioxidant Activity. <i>Molecules</i> , 2018 , 23,	4.8	34
146	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
145	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	5.7	15
144	Chitosan-based multifunctional nanomedicines and theranostics for targeted therapy of cancer. <i>Medicinal Research Reviews</i> , 2018 , 38, 2110-2136	14.4	61
143	Type 1 diabetes: Through the lens of human genome and metagenome interplay. <i>Biomedicine and Pharmacotherapy</i> , 2018 , 104, 332-342	7.5	11
142	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
141	Recent advances in simultaneous electrochemical multi-analyte sensing platforms. <i>TrAC - Trends in Analytical Chemistry</i> , 2017 , 92, 32-41	14.6	39
140	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
139	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
138	Computational prediction of drug-drug interactions based on drugs functional similarities. <i>Journal of Biomedical Informatics</i> , 2017 , 70, 54-64	10.2	79
137	Improved Soluble ScFv ELISA Screening Approach for Antibody Discovery Using Phage Display Technology. <i>SLAS Discovery</i> , 2017 , 22, 1026-1034	3.4	11
136	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
135	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
134	Pleiotropic cytotoxicity of VacA toxin in host cells and its impact on immunotherapy. <i>BioImpacts</i> , 2017 , 7, 59-71	3.5	13
133	Cost-effective batch production process of scFv antibody in <i>Escherichia coli</i> . <i>Human Antibodies</i> , 2017 , 26, 149-157	1.3	2
132	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

131	Leuconostoc mesenteroides-derived anticancer pharmaceuticals hinder inflammation and cell survival in colon cancer cells by modulating NF- κ B/AKT/PTEN/MAPK pathways. <i>Biomedicine and Pharmacotherapy</i> , 2017 , 94, 1094-1100	7.5	45
130	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
129	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
128	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
127	Stimuli-responsive chitosan-based nanocarriers for cancer therapy. <i>BiolImpacts</i> , 2017 , 7, 269-277	3.5	37
126	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
125	Molecular machineries of pH dysregulation in tumor microenvironment: potential targets for cancer therapy. <i>BiolImpacts</i> , 2017 , 7, 115-133	3.5	65
124	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
123	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
122	Phage antibody display libraries: a powerful antibody discovery platform for immunotherapy. <i>Critical Reviews in Biotechnology</i> , 2016 , 36, 276-89	9.4	75
121	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
120	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
119	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
118	Cyto/Genotoxic Effects of Pistacia atlantica Resin, a Traditional Gum. <i>DNA and Cell Biology</i> , 2016 , 35, 261-6	3.6	8
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