

Nosratollah Zarghami

List of Publications by Citations

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269
papers

8,215
citations

40
h-index

80
g-index

286
ext. papers

9,968
ext. citations

3.8
avg, IF

6.41
L-index

#	Paper	IF	Citations
269	Liposome: classification, preparation, and applications. <i>Nanoscale Research Letters</i> , 2013 , 8, 102	5	1725
268	Carbon nanotubes: properties, synthesis, purification, and medical applications. <i>Nanoscale Research Letters</i> , 2014 , 9, 393	5	618
267	Quantum dots: synthesis, bioapplications, and toxicity. <i>Nanoscale Research Letters</i> , 2012 , 7, 480	5	355
266	PLGA-based nanoparticles as cancer drug delivery systems. <i>Asian Pacific Journal of Cancer Prevention</i> , 2014 , 15, 517-35	1.7	255
265	Nanofiber: Synthesis and biomedical applications. <i>Artificial Cells, Nanomedicine and Biotechnology</i> , 2016 , 44, 111-21	6.1	105
264	Steroid hormone regulation of prostate-specific antigen gene expression in breast cancer. <i>British Journal of Cancer</i> , 1997 , 75, 579-88	8.7	100
263	An Overview on Application of Natural Substances Incorporated with Electrospun Nanofibrous Scaffolds to Development of Innovative Wound Dressings. <i>Mini-Reviews in Medicinal Chemistry</i> , 2018 , 18, 414-427	3.2	97
262	Levels of oxidative stress biomarkers in seminal plasma and their relationship with seminal parameters. <i>BMC Clinical Pathology</i> , 2007 , 7, 6	3	90
261	Induction of prostate specific antigen production by steroids and tamoxifen in breast cancer cell lines. <i>Breast Cancer Research and Treatment</i> , 1994 , 32, 291-300	4.4	90
260	Preparation and in vitro evaluation of doxorubicin-loaded Fe ₃ O ₄ magnetic nanoparticles modified with biocompatible copolymers. <i>International Journal of Nanomedicine</i> , 2012 , 7, 511-26	7.3	77
259	Magnetic nanoparticles in cancer diagnosis and treatment: a review. <i>Artificial Cells, Nanomedicine and Biotechnology</i> , 2017 , 45, 1-5	6.1	73
258	Co-Delivery of Curcumin and Chrysin by Polymeric Nanoparticles Inhibit Synergistically Growth and hTERT Gene Expression in Human Colorectal Cancer Cells. <i>Nutrition and Cancer</i> , 2017 , 69, 1290-1299	2.8	72
257	PAMAM dendrimers augment inhibitory effects of curcumin on cancer cell proliferation: possible inhibition of telomerase. <i>Asian Pacific Journal of Cancer Prevention</i> , 2013 , 14, 6925-8	1.7	69
256	Intracellular ROS protection efficiency and free radical-scavenging activity of quercetin and quercetin-encapsulated liposomes. <i>Artificial Cells, Nanomedicine and Biotechnology</i> , 2016 , 44, 128-34	6.1	68
255	A Comparison between the cytotoxic effects of pure curcumin and curcumin-loaded PLGA-PEG nanoparticles on the MCF-7 human breast cancer cell line. <i>Artificial Cells, Nanomedicine and Biotechnology</i> , 2016 , 44, 423-30	6.1	68
254	Fatty acid composition of human spermatozoa and seminal plasma levels of oxidative stress biomarkers in subfertile males. <i>Prostaglandins Leukotrienes and Essential Fatty Acids</i> , 2007 , 77, 117-21	2.8	68
253	Chrysin-loaded PLGA-PEG nanoparticles designed for enhanced effect on the breast cancer cell line. <i>Artificial Cells, Nanomedicine and Biotechnology</i> , 2016 , 44, 1410-6	6.1	64

252	Nano-encapsulated metformin-curcumin in PLGA/PEG inhibits synergistically growth and hTERT gene expression in human breast cancer cells. <i>Artificial Cells, Nanomedicine and Biotechnology</i> , 2018 , 46, 917-925	6.1	64
251	Biomimetic synthesis of silver nanoparticles using <i>Matricaria chamomilla</i> extract and their potential anticancer activity against human lung cancer cells. <i>Materials Science and Engineering C</i> , 2018 , 92, 902-912	8.3	60
250	Targeted cancer therapy through 17-DMAG as an Hsp90 inhibitor: Overview and current state of the art. <i>Biomedicine and Pharmacotherapy</i> , 2018 , 102, 608-617	7.5	57
249	An in vitro examination of the antioxidant, cytoprotective and anti-inflammatory properties of chrysin-loaded nanofibrous mats for potential wound healing applications. <i>Artificial Cells, Nanomedicine and Biotechnology</i> , 2018 , 46, 706-716	6.1	56
248	Reversion of Multidrug Resistance by Co-Encapsulation of Doxorubicin and Metformin in Poly(lactide-co-glycolide)-d- α -tocopheryl Polyethylene Glycol 1000 Succinate Nanoparticles. <i>Pharmaceutical Research</i> , 2018 , 35, 119	4.5	55
247	An update on clinical applications of electrospun nanofibers for skin bioengineering. <i>Artificial Cells, Nanomedicine and Biotechnology</i> , 2016 , 44, 1350-64	6.1	54
246	An overview on Vadimezan (DMXAA): The vascular disrupting agent. <i>Chemical Biology and Drug Design</i> , 2018 , 91, 996-1006	2.9	53
245	Curcumin and silibinin inhibit telomerase expression in T47D human breast cancer cells. <i>Asian Pacific Journal of Cancer Prevention</i> , 2013 , 14, 3449-53	1.7	52
244	Down regulation of miR-18a, miR-21 and miR-221 genes in gastric cancer cell line by chrysin-loaded PLGA-PEG nanoparticles. <i>Artificial Cells, Nanomedicine and Biotechnology</i> , 2016 , 44, 1972-1978	6.1	51
243	Dendrosomal curcumin nanoformulation modulate apoptosis-related genes and protein expression in hepatocarcinoma cell lines. <i>International Journal of Pharmaceutics</i> , 2016 , 509, 244-254	6.5	51
242	An update on application of nanotechnology and stem cells in spinal cord injury regeneration. <i>Biomedicine and Pharmacotherapy</i> , 2017 , 90, 85-92	7.5	49
241	Curcumin Affects Adipose Tissue-Derived Mesenchymal Stem Cell Aging Through TERT Gene Expression. <i>Drug Research</i> , 2018 , 68, 213-221	1.8	49
240	Silibinin-loaded magnetic nanoparticles inhibit hTERT gene expression and proliferation of lung cancer cells. <i>Artificial Cells, Nanomedicine and Biotechnology</i> , 2017 , 45, 1649-1656	6.1	47
239	Up regulation of liver-enriched transcription factors HNF4a and HNF6 and liver-specific microRNA (miR-122) by inhibition of let-7b in mesenchymal stem cells. <i>Chemical Biology and Drug Design</i> , 2015 , 85, 268-79	2.9	45
238	Molecular target therapy of AKT and NF- κ B signaling pathways and multidrug resistance by specific cell penetrating inhibitor peptides in HL-60 cells. <i>Asian Pacific Journal of Cancer Prevention</i> , 2014 , 15, 4353-8	1.7	44
237	Cytoprotection, proliferation and epidermal differentiation of adipose tissue-derived stem cells on emu oil based electrospun nanofibrous mat. <i>Experimental Cell Research</i> , 2017 , 357, 192-201	4.2	42
236	Prostate-specific antigen in serum during the menstrual cycle. <i>Clinical Chemistry</i> , 1997 , 43, 1862-1867	5.5	42
235	Comparison between effects of free curcumin and curcumin loaded NIPAAm-MAA nanoparticles on telomerase and PinX1 gene expression in lung cancer cells. <i>Asian Pacific Journal of Cancer Prevention</i> , 2014 , 15, 8931-6	1.7	42

234	Synthesis and Characterization of Chrysin-loaded PCL-PEG-PCL nanoparticle and its effect on breast cancer cell line. <i>Biomedicine and Pharmacotherapy</i> , 2016 , 84, 1915-1922	7.5	41
233	Synthesis, characterization, and in vitro evaluation of novel polymer-coated magnetic nanoparticles for controlled delivery of doxorubicin. <i>Nanotechnology, Science and Applications</i> , 2012 , 5, 13-25	3.9	41
232	Associations between single-nucleotide polymorphisms of the adiponectin gene, serum adiponectin levels and increased risk of type 2 diabetes mellitus in Iranian obese individuals. <i>Scandinavian Journal of Clinical and Laboratory Investigation</i> , 2009 , 69, 764-71	2	40
231	Inhibitory effects of Cyclodextrin-helenalin complexes on H-TERT gene expression in the T47D breast cancer cell line - results of real time quantitative PCR. <i>Asian Pacific Journal of Cancer Prevention</i> , 2013 , 14, 6949-53	1.7	40
230	Effects of Chrysin-PLGA-PEG Nanoparticles on Proliferation and Gene Expression of miRNAs in Gastric Cancer Cell Line. <i>Iranian Journal of Cancer Prevention</i> , 2016 , 9, e4190		40
229	Upregulation of miR-9 and Let-7a by nanoencapsulated chrysin in gastric cancer cells. <i>Artificial Cells, Nanomedicine and Biotechnology</i> , 2017 , 45, 1-6	6.1	39
228	Inhibition of hTERT Gene Expression by Silibinin-Loaded PLGA-PEG-Fe ₃ O ₄ in T47D Breast Cancer Cell Line. <i>BioImpacts</i> , 2013 , 3, 67-74	3.5	39
227	Upregulation of Mir-34a in AGS Gastric Cancer Cells by a PLGA-PEG-PLGA Chrysin Nano Formulation. <i>Asian Pacific Journal of Cancer Prevention</i> , 2015 , 16, 8259-63	1.7	39
226	Effects of nano-encapsulated curcumin-chrysin on telomerase, MMPs and TIMPs gene expression in mouse B16F10 melanoma tumour model. <i>Artificial Cells, Nanomedicine and Biotechnology</i> , 2018 , 46, 75-88	6.1	38
225	Relationship between vitreous and serum vascular endothelial growth factor levels, control of diabetes and microalbuminuria in proliferative diabetic retinopathy. <i>Clinical Ophthalmology</i> , 2012 , 6, 185-91	2.5	38
224	Design and development of PCR-free highly sensitive electrochemical assay for detection of telomerase activity using Nano-based (liposomal) signal amplification platform. <i>Biosensors and Bioelectronics</i> , 2016 , 80, 426-432	11.8	37
223	Creatine kinase BB isoenzyme levels in tumour cytosols and survival of breast cancer patients. <i>British Journal of Cancer</i> , 1996 , 73, 386-90	8.7	37
222	Metformin enhances doxorubicin sensitivity via inhibition of doxorubicin efflux in P-gp-overexpressing MCF-7 cells. <i>Chemical Biology and Drug Design</i> , 2018 , 91, 269-276	2.9	37
221	Tumor vascular infarction: prospects and challenges. <i>International Journal of Hematology</i> , 2017 , 105, 244-256	2.3	36
220	The inhibitory effects of nano-encapsulated metformin on growth and hTERT expression in breast cancer cells. <i>Journal of Drug Delivery Science and Technology</i> , 2018 , 43, 19-26	4.5	36
219	Antioxidant effects of chrysin-loaded electrospun nanofibrous mats on proliferation and stemness preservation of human adipose-derived stem cells. <i>Cell and Tissue Banking</i> , 2017 , 18, 475-487	2.2	35
218	Development of quantum-dot-encapsulated liposome-based optical nanobiosensor for detection of telomerase activity without target amplification. <i>Analytical and Bioanalytical Chemistry</i> , 2017 , 409, 1301-1310	4.4	35
217	Synergistic anticancer effects of electrospun nanofiber-mediated codelivery of Curcumin and Chrysin: Possible application in prevention of breast cancer local recurrence. <i>Journal of Drug Delivery Science and Technology</i> , 2020 , 55, 101402	4.5	35

216	Spotlight on 17-AAG as an Hsp90 inhibitor for molecular targeted cancer treatment. <i>Chemical Biology and Drug Design</i> , 2019 , 93, 760-786	2.9	34
215	Watercress-based electrospun nanofibrous scaffolds enhance proliferation and stemness preservation of human adipose-derived stem cells. <i>Artificial Cells, Nanomedicine and Biotechnology</i> , 2018 , 46, 819-830	6.1	34
214	Development of Emu oil-loaded PCL/collagen bioactive nanofibers for proliferation and stemness preservation of human adipose-derived stem cells: possible application in regenerative medicine. <i>Drug Development and Industrial Pharmacy</i> , 2017 , 43, 1978-1988	3.6	34
213	WNT1 Gene from WNT Signaling Pathway Is a Direct Target of miR-122 in Hepatocellular Carcinoma. <i>Applied Biochemistry and Biotechnology</i> , 2017 , 181, 884-897	3.2	34
212	An Update on Phytochemicals in Molecular Target Therapy of Cancer: Potential Inhibitory Effect on Telomerase Activity. <i>Current Medicinal Chemistry</i> , 2016 , 23, 2380-93	4.3	34
211	Comparison, synthesis and evaluation of anticancer drug-loaded polymeric nanoparticles on breast cancer cell lines. <i>Artificial Cells, Nanomedicine and Biotechnology</i> , 2016 , 44, 1008-17	6.1	33
210	An overview on different strategies for the stemness maintenance of MSCs. <i>Artificial Cells, Nanomedicine and Biotechnology</i> , 2017 , 45, 1255-1271	6.1	33
209	Zinc sulfate contributes to promote telomere length extension via increasing telomerase gene expression, telomerase activity and change in the TERT gene promoter CpG island methylation status of human adipose-derived mesenchymal stem cells. <i>PLoS ONE</i> , 2017 , 12, e0188052	3.7	32
208	Upregulation of MiR-122 via Trichostatin A Treatments in Hepatocyte-like Cells Derived from Mesenchymal Stem Cells. <i>Chemical Biology and Drug Design</i> , 2016 , 87, 296-305	2.9	32
207	Inhibition of leptin gene expression and secretion by silibinin: possible role of estrogen receptors. <i>Cytotechnology</i> , 2012 , 64, 719-26	2.2	32
206	The Effects of Nanoencapsulated Curcumin-Fe ₃ O ₄ on Proliferation and hTERT Gene Expression in Lung Cancer Cells. <i>Anti-Cancer Agents in Medicinal Chemistry</i> , 2017 , 17, 1363-1373	2.2	32
205	The effect of dimethyl sulfoxide on hepatic differentiation of mesenchymal stem cells. <i>Artificial Cells, Nanomedicine and Biotechnology</i> , 2016 , 44, 157-64	6.1	31
204	Chrysin-nanoencapsulated PLGA-PEG for macrophage repolarization: Possible application in tissue regeneration. <i>Biomedicine and Pharmacotherapy</i> , 2018 , 105, 773-780	7.5	31
203	Macrophage repolarization using CD44-targeting hyaluronic acid-poly lactide nanoparticles containing curcumin. <i>Artificial Cells, Nanomedicine and Biotechnology</i> , 2018 , 46, 2013-2021	6.1	31
202	Comparison of inhibitory effect of curcumin nanoparticles and free curcumin in human telomerase reverse transcriptase gene expression in breast cancer. <i>Advanced Pharmaceutical Bulletin</i> , 2013 , 3, 127-30	4.5	31
201	Balaglitazone reverses P-glycoprotein-mediated multidrug resistance via upregulation of PTEN in a PPAR δ -dependent manner in leukemia cells. <i>Tumor Biology</i> , 2017 , 39, 1010428317716501	2.9	30
200	Comparison of inhibitory effect of 17-DMAG nanoparticles and free 17-DMAG in HSP90 gene expression in lung cancer. <i>Asian Pacific Journal of Cancer Prevention</i> , 2014 , 15, 8693-8	1.7	30
199	Peroxisome Proliferator-Activated Receptor Ligands and Their Role in Chronic Myeloid Leukemia: Therapeutic Strategies. <i>Chemical Biology and Drug Design</i> , 2016 , 88, 17-25	2.9	30

198	New insights into antidiabetic drugs: Possible applications in cancer treatment. <i>Chemical Biology and Drug Design</i> , 2017 , 90, 1056-1066	2.9	29
197	17-DMAG-loaded nanofibrous scaffold for effective growth inhibition of lung cancer cells through targeting HSP90 gene expression. <i>Biomedicine and Pharmacotherapy</i> , 2018 , 105, 1026-1032	7.5	28
196	Peroxisome Proliferator-Activated Receptors and their Ligands in Cancer Drug- Resistance: Opportunity or Challenge. <i>Anti-Cancer Agents in Medicinal Chemistry</i> , 2016 , 16, 1541-1548	2.2	28
195	Synergistic Anticancer Effects of Silibinin and Chrysin in T47D Breast Cancer Cells. <i>Asian Pacific Journal of Cancer Prevention</i> , 2017 , 18, 1283-1287	1.7	28
194	Anti-aging protective effect of L-carnitine as clinical agent in regenerative medicine through increasing telomerase activity and change in the hTERT promoter CpG island methylation status of adipose tissue-derived mesenchymal stem cells. <i>Tissue and Cell</i> , 2018 , 54, 105-113	2.7	28
193	In vitro evaluation of Zeolite-nHA blended PCL/PLA nanofibers for dental tissue engineering. <i>Materials Chemistry and Physics</i> , 2020 , 252, 123152	4.4	27
192	Downregulation of Notch Signaling Pathway as an Effective Chemosensitizer for Cancer Treatment. <i>Drug Research</i> , 2016 , 66, 571-579	1.8	27
191	Cyclodextrin based natural nanostructured carbohydrate polymers as effective non-viral siRNA delivery systems for cancer gene therapy. <i>Journal of Controlled Release</i> , 2021 , 330, 1046-1070	11.7	27
190	Chrysin Alters microRNAs Expression Levels in Gastric Cancer Cells: Possible Molecular Mechanism. <i>Drug Research</i> , 2017 , 67, 509-514	1.8	26
189	L-carnitine Effectively Induces hTERT Gene Expression of Human Adipose Tissue-derived Mesenchymal Stem Cells Obtained from the Aged Subjects. <i>International Journal of Stem Cells</i> , 2016 , 9, 107-114	3	26
188	Antiproliferative and Apoptotic Effect of Dendrosomal Curcumin Nanoformulation in P53 Mutant and Wide-Type Cancer Cell Lines. <i>Anti-Cancer Agents in Medicinal Chemistry</i> , 2017 , 17, 662-673	2.2	26
187	Studies of the Relationship between Structure and Antioxidant Activity in Interesting Systems, Including Tyrosol, Hydroxytyrosol Derivatives Indicated by Quantum Chemical Calculations. <i>Soft</i> , 2013 , 02, 13-18		26
186	Serum leptin level is reduced in non-obese subjects with type 2 diabetes. <i>International Journal of Endocrinology and Metabolism</i> , 2013 , 11, 3-10	1.8	26
185	PNIPAAm-MAA nanoparticles as delivery vehicles for curcumin against MCF-7 breast cancer cells. <i>Artificial Cells, Nanomedicine and Biotechnology</i> , 2016 , 44, 735-42	6.1	25
184	L-carnitine significantly decreased aging of rat adipose tissue-derived mesenchymal stem cells. <i>Veterinary Research Communications</i> , 2017 , 41, 41-47	2.9	25
183	Enhanced anti-proliferative and pro-apoptotic effects of metformin encapsulated PLGA-PEG nanoparticles on SKOV3 human ovarian carcinoma cells. <i>Artificial Cells, Nanomedicine and Biotechnology</i> , 2019 , 47, 737-746	6.1	25
182	The inhibitory effect of Curcuma longa extract on telomerase activity in A549 lung cancer cell line. <i>African Journal of Biotechnology</i> , 2010 , 9, 912-919	0.6	25
181	Harnessing Bioinformatics for Designing a Novel Multi-epitope Peptide Vaccine Against Breast Cancer. <i>Current Pharmaceutical Biotechnology</i> , 2016 , 17, 1100-1114	2.6	25

180	Preparation and Evaluation of Chrysin Encapsulated in PLGA- PEG Nanoparticles in the T47-D Breast Cancer Cell Line. <i>Asian Pacific Journal of Cancer Prevention</i> , 2015 , 16, 3753-8	1.7	25
179	Induced pluripotent stem cell-derived extracellular vesicles: A novel approach for cell-free regenerative medicine. <i>Journal of Cellular Physiology</i> , 2019 , 234, 8455-8464	7	25
178	An implantable smart hyperthermia nanofiber with switchable, controlled and sustained drug release: Possible application in prevention of cancer local recurrence. <i>Materials Science and Engineering C</i> , 2021 , 118, 111384	8.3	25
177	An update on sputum MicroRNAs in lung cancer diagnosis. <i>Diagnostic Cytopathology</i> , 2016 , 44, 442-9	1.4	24
176	Synergistic Anti-proliferative Effects of Metformin and Silibinin Combination on T47D Breast Cancer Cells via hTERT and Cyclin D1 Inhibition. <i>Drug Research</i> , 2018 , 68, 710-716	1.8	24
175	Biomedical applications of zeolite-based materials: A review. <i>Materials Science and Engineering C</i> , 2020 , 116, 111225	8.3	23
174	NGR (Asn-Gly-Arg)-targeted delivery of coagulase to tumor vasculature arrests cancer cell growth. <i>Oncogene</i> , 2018 , 37, 3967-3980	9.2	23
173	Epigenetics and Epi-miRNAs: Potential markers/therapeutics in leukemia. <i>Biomedicine and Pharmacotherapy</i> , 2018 , 106, 1668-1677	7.5	23
172	New Developments in <i>Pichia pastoris</i> Expression System, Review and Update. <i>Current Pharmaceutical Biotechnology</i> , 2018 , 19, 451-467	2.6	23
171	Tuning of major signaling networks (TGF- β /Wnt, Notch and Hedgehog) by miRNAs in human stem cells commitment to different lineages: Possible clinical application. <i>Biomedicine and Pharmacotherapy</i> , 2017 , 91, 849-860	7.5	22
170	Watercross-based gold nanoparticles: biosynthesis, mechanism of formation and study of their biocompatibility in vitro. <i>Micro and Nano Letters</i> , 2014 , 9, 345-350	0.9	22
169	Emerging Importance of Phytochemicals in Regulation of Stem Cells Fate via Signaling Pathways. <i>Phytotherapy Research</i> , 2017 , 31, 1651-1668	6.7	22
168	The Possible Impact of Obesity on Androgen, Progesterone and Estrogen Receptors (ER α and ER β) Gene Expression in Breast Cancer Patients. <i>Breast Cancer: Basic and Clinical Research</i> , 2011 , 5, 227-37	2.2	22
167	Comparison of inhibitory effects of 17-AAG nanoparticles and free 17-AAG on HSP90 gene expression in breast cancer. <i>Asian Pacific Journal of Cancer Prevention</i> , 2014 , 15, 7113-8	1.7	22
166	New insight into the engineering of green carbon dots: Possible applications in emerging cancer theranostics. <i>Talanta</i> , 2020 , 209, 120547	6.2	22
165	MiR-221-inhibited adipose tissue-derived mesenchymal stem cells bioengineered in a nano-hydroxy apatite scaffold. <i>In Vitro Cellular and Developmental Biology - Animal</i> , 2016 , 52, 479-87	2.6	21
164	A Novel Protocol to Differentiate Induced Pluripotent Stem Cells by Neuronal microRNAs to Provide a Suitable Cellular Model. <i>Chemical Biology and Drug Design</i> , 2015 , 86, 232-8	2.9	20
163	RGD delivery of truncated coagulase to tumor vasculature affords local thrombotic activity to induce infarction of tumors in mice. <i>Scientific Reports</i> , 2017 , 7, 8126	4.9	20

162	Co-inhibition of Notch and NF- κ B Signaling Pathway Decreases Proliferation through Downregulating β - Cas and Hes-1 Expression in Human Ovarian Cancer OVCAR-3 Cells. <i>Drug Research</i> , 2017 , 67, 13-19	1.8	20
161	Frequency of expression of prostate-specific antigen mRNA in lung tumors. <i>American Journal of Clinical Pathology</i> , 1997 , 108, 184-90	1.9	20
160	Trichostatin A-induced apoptosis is mediated by Kruppel-like factor 4 in ovarian and lung cancer. <i>Asian Pacific Journal of Cancer Prevention</i> , 2014 , 15, 6581-6	1.7	20
159	Gene silencing effect of SiRNA-magnetic modified with biodegradable copolymer nanoparticles on hTERT gene expression in lung cancer cell line. <i>Artificial Cells, Nanomedicine and Biotechnology</i> , 2016 , 44, 188-93	6.1	19
158	Involvement of TNF- α in differential gene expression pattern of CXCR4 on human marrow-derived mesenchymal stem cells. <i>Molecular Biology Reports</i> , 2014 , 41, 1059-66	2.8	19
157	Recent Advances in Cell Electrospinning of Natural and Synthetic Nanofibers for Regenerative Medicine. <i>Drug Research</i> , 2018 , 68, 425-435	1.8	18
156	Gold nanoparticle-oligonucleotide conjugate to detect the sequence of lung cancer biomarker. <i>Artificial Cells, Nanomedicine and Biotechnology</i> , 2016 , 44, 1417-23	6.1	17
155	Synergistic Effect of Free and Nano-encapsulated Chrysin-Curcumin on Inhibition of hTERT Gene Expression in SW480 Colorectal Cancer Cell Line. <i>Drug Research</i> , 2018 , 68, 335-343	1.8	17
154	An overview on biological functions and emerging therapeutic roles of apelin in diabetes mellitus. <i>Diabetes and Metabolic Syndrome: Clinical Research and Reviews</i> , 2017 , 11 Suppl 2, S919-S923	8.9	17
153	Current affinity approaches for purification of recombinant proteins. <i>Cogent Biology</i> , 2019 , 5, 1665406	1.6	16
152	Drug delivery and nanodetection in lung cancer. <i>Artificial Cells, Nanomedicine and Biotechnology</i> , 2016 , 44, 618-34	6.1	16
151	Synergistic Growth Inhibitory Effects of Chrysin and Metformin Combination on Breast Cancer Cells through hTERT and Cyclin D1 Suppression. <i>Asian Pacific Journal of Cancer Prevention</i> , 2018 , 19, 977-982	1.7	16
150	A new insight on reciprocal relationship between microRNA expression and epigenetic modifications in human lung cancer. <i>Tumor Biology</i> , 2017 , 39, 1010428317695032	2.9	15
149	Tumor rim cells: From resistance to vascular targeting agents to complete tumor ablation. <i>Tumor Biology</i> , 2017 , 39, 1010428317691001	2.9	15
148	Synergistic Antiproliferative Effects of Co-nanoencapsulated Curcumin and Chrysin on MDA-MB-231 Breast Cancer Cells Through Upregulating miR-132 and miR-502c. <i>Nutrition and Cancer</i> , 2019 , 71, 1201-1213	2.8	15
147	Effects of N-terminal and C-terminal modification on cytotoxicity and cellular uptake of amphiphilic cell penetrating peptides. <i>Artificial Cells, Nanomedicine and Biotechnology</i> , 2018 , 46, 91-103	6.1	15
146	MicroRNAs and adipocytokines: Promising biomarkers for pharmacological targets in diabetes mellitus and its complications. <i>Biomedicine and Pharmacotherapy</i> , 2017 , 93, 1326-1336	7.5	15
145	Quantification of creatine kinase BB isoenzyme in tumor cytosols and serum with an ultrasensitive time-resolved immunofluorometric technique. <i>Clinical Biochemistry</i> , 1995 , 28, 243-53	3.5	15

144	The Challenges of Recombinant Endostatin in Clinical Application: Focus on the Different Expression Systems and Molecular Bioengineering. <i>Advanced Pharmaceutical Bulletin</i> , 2017 , 7, 21-34	4.5	15
143	Hypoadiponectinemia in obese subjects with type II diabetes: A close association with central obesity indices. <i>Journal of Research in Medical Sciences</i> , 2011 , 16, 713-23	1.6	15
142	Fundamental insights into the interaction between telomerase/TERT and intracellular signaling pathways. <i>Biochimie</i> , 2021 , 181, 12-24	4.6	15
141	Significance of microRNA targeted estrogen receptor in male fertility. <i>Iranian Journal of Basic Medical Sciences</i> , 2014 , 17, 81-6	1.8	14
140	Improved Anti-Treg Vaccination Targeting Foxp3 Efficiently Decreases Regulatory T Cells in Mice. <i>Journal of Immunotherapy</i> , 2016 , 39, 269-75	5	14
139	Apoptotic Effect of <i>Saccharomyces cerevisiae</i> on Human Colon Cancer SW480 Cells by Regulation of Akt/NF- κ B Signaling Pathway. <i>Probiotics and Antimicrobial Proteins</i> , 2020 , 12, 311-319	5.5	14
138	Design, expression and evaluation of a novel humanized single chain antibody against epidermal growth factor receptor (EGFR). <i>Protein Expression and Purification</i> , 2016 , 127, 8-15	2	13
137	An update of the recombinant protein expression systems of Cyanovirin-N and challenges of preclinical development. <i>BiolImpacts</i> , 2018 , 8, 139-151	3.5	13
136	Combination of metformin and phenformin synergistically inhibits proliferation and hTERT expression in human breast cancer cells. <i>Iranian Journal of Basic Medical Sciences</i> , 2018 , 21, 1167-1173	1.8	13
135	Electrochemical Nano-biosensors as Novel Approach for the Detection of Lung Cancer-related MicroRNAs. <i>Current Molecular Medicine</i> , 2019 , 20, 13-35	2.5	13
134	Down-Regulation of miR-200c and Up-Regulation of miR-30c Target both Stemness and Metastasis Genes in Breast Cancer. <i>Cell Journal</i> , 2020 , 21, 467-478	2.4	13
133	Isolation of granulosa cells from follicular fluid; applications in biomedical and molecular biology experiments. <i>Advanced Biomedical Research</i> , 2015 , 4, 250	1.2	13
132	17-Allylamino-17-demethoxygeldanamycin loaded PCL/PEG nanofibrous scaffold for effective growth inhibition of T47D breast cancer cells. <i>Journal of Drug Delivery Science and Technology</i> , 2019 , 49, 162-168	4.5	13
131	Recent advances in FRET-Based biosensors for biomedical applications. <i>Analytical Biochemistry</i> , 2021 , 630, 114323	3.1	13
130	Ciliary neurotrophic factor (CNTF) delivery to retina: an overview of current research advancements. <i>Artificial Cells, Nanomedicine and Biotechnology</i> , 2018 , 46, 1694-1707	6.1	12
129	Chaperone-Assisted Soluble Expression of a Humanized Anti-EGFR ScFv Antibody in E. Coli. <i>Advanced Pharmaceutical Bulletin</i> , 2015 , 5, 621-7	4.5	12
128	Nucleostemin depletion induces post-g1 arrest apoptosis in chronic myelogenous leukemia k562 cells. <i>Advanced Pharmaceutical Bulletin</i> , 2014 , 4, 55-60	4.5	12
127	Visfatin effects on telomerase gene expression in AGS gastric cancer cell line. <i>Indian Journal of Cancer</i> , 2015 , 52, 32-5	0.9	12

126	Association of KALRN, ADIPOQ, and FTO gene polymorphism in type 2 diabetic patients with coronary artery disease: possible predisposing markers. <i>Coronary Artery Disease</i> , 2016 , 27, 490-6	1.4	12
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