

# Seyed Nasser Ostad

## List of Publications by Citations

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178  
papers

3,938  
citations

35  
h-index

52  
g-index

182  
ext. papers

4,441  
ext. citations

3.7  
avg, IF

5.41  
L-index

#	Paper	IF	Citations
178	Folate-receptor-targeted delivery of docetaxel nanoparticles prepared by PLGA-PEG-folate conjugate. <i>Journal of Drug Targeting</i> , <b>2008</b> , 16, 415-23	5.4	165
177	Mesenchymal stem cell exosomes: a two-edged sword in cancer therapy. <i>International Journal of Nanomedicine</i> , <b>2019</b> , 14, 2847-2859	7.3	117
176	Antioxidant power of Iranian propolis extract. <i>Food Chemistry</i> , <b>2007</b> , 103, 729-733	8.5	95
175	The effect of fennel essential oil on uterine contraction as a model for dysmenorrhea, pharmacology and toxicology study. <i>Journal of Ethnopharmacology</i> , <b>2001</b> , 76, 299-304	5	91
174	Chemical composition, oral toxicity and antimicrobial activity of Iranian propolis. <i>Food Chemistry</i> , <b>2007</b> , 103, 1097-1103	8.5	85
173	Docetaxel-albumin conjugates: preparation, in vitro evaluation and biodistribution studies. <i>Journal of Pharmaceutical Sciences</i> , <b>2009</b> , 98, 2718-30	3.9	80
172	Thiolated chitosan nanoparticles for enhancing oral absorption of docetaxel: preparation, in vitro and ex vivo evaluation. <i>International Journal of Nanomedicine</i> , <b>2011</b> , 6, 119-28	7.3	74
171	Surface modification of PLGA nanoparticles via human serum albumin conjugation for controlled delivery of docetaxel. <i>DARU, Journal of Pharmaceutical Sciences</i> , <b>2013</b> , 21, 58	3.9	73
170	Effects of malathion subchronic exposure on rat skeletal muscle glucose metabolism. <i>Environmental Toxicology and Pharmacology</i> , <b>2005</b> , 19, 191-6	5.8	71
169	Chitosan-Pluronic nanoparticles as oral delivery of anticancer gemcitabine: preparation and in vitro study. <i>International Journal of Nanomedicine</i> , <b>2012</b> , 7, 1851-63	7.3	70
168	Cytotoxicity of fucosterol containing fraction of marine algae against breast and colon carcinoma cell line. <i>Pharmacognosy Magazine</i> , <b>2012</b> , 8, 60-4	0.8	65
167	Protein corona hampers targeting potential of MUC1 aptamer functionalized SN-38 core-shell nanoparticles. <i>International Journal of Pharmaceutics</i> , <b>2015</b> , 494, 430-44	6.5	64
166	Self assembled hyaluronic acid nanoparticles as a potential carrier for targeting the inflamed intestinal mucosa. <i>Carbohydrate Polymers</i> , <b>2016</b> , 144, 371-81	10.3	64
165	Discriminated effects of thiolated chitosan-coated pMMA paclitaxel-loaded nanoparticles on different normal and cancer cell lines. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , <b>2010</b> , 6, 689-97	6	64
164	Evaluation of immunotoxicity induced by diazinon in C57bl/6 mice. <i>Toxicology</i> , <b>2004</b> , 196, 173-9	4.4	63
163	Stimulatory effects of malathion on the key enzymes activities of insulin secretion in langerhans islets, glutamate dehydrogenase and glucokinase. <i>Toxicology Mechanisms and Methods</i> , <b>2006</b> , 16, 161-7	3.6	59
162	Mesoporous silica nanoparticles functionalized with folic acid/methionine for active targeted delivery of docetaxel. <i>OncoTargets and Therapy</i> , <b>2016</b> , 9, 7315-7330	4.4	56

161	Quercetin induces cell cycle arrest and apoptosis in CD133(+) cancer stem cells of human colorectal HT29 cancer cell line and enhances anticancer effects of doxorubicin. <i>Iranian Journal of Basic Medical Sciences</i> , <b>2015</b> , 18, 635-43	1.8	53
160	CD44-targeted docetaxel conjugate for cancer cells and cancer stem-like cells: a novel hyaluronic acid-based drug delivery system. <i>Chemical Biology and Drug Design</i> , <b>2014</b> , 83, 741-52	2.9	52
159	A Comprehensive Review of Punica granatum (Pomegranate) Properties in Toxicological, Pharmacological, Cellular and Molecular Biology Researches. <i>Iranian Journal of Pharmaceutical Research</i> , <b>2012</b> , 11, 385-400	1.1	51
158	Sublethal exposures of diazinon alters glucose homostasis in Wistar rats: Biochemical and molecular evidences of oxidative stress in adipose tissues. <i>Pesticide Biochemistry and Physiology</i> , <b>2013</b> , 105, 57-61	4.9	50
157	Different kinetics of senescence in human fibroblasts and peritoneal mesothelial cells. <i>Experimental Cell Research</i> , <b>1997</b> , 236, 355-8	4.2	49
156	Post-training intrahippocampal infusion of the COX-2 inhibitor celecoxib impaired spatial memory retention in rats. <i>European Journal of Pharmacology</i> , <b>2005</b> , 511, 159-66	5.3	49
155	A new approach for pancreatic tissue engineering: human endometrial stem cells encapsulated in fibrin gel can differentiate to pancreatic islet beta-cell. <i>Cell Biology International</i> , <b>2014</b> , 38, 1174-82	4.5	44
154	Trastuzumab decorated methotrexate-human serum albumin conjugated nanoparticles for targeted delivery to HER2 positive tumor cells. <i>European Journal of Pharmaceutical Sciences</i> , <b>2012</b> , 47, 331-40	5.1	44
153	Cytotoxic activity of some marine brown algae against cancer cell lines. <i>Biological Research</i> , <b>2010</b> , 43,	7.6	44
152	Synthesis and biological evaluation of 2-phenylthiazole-4-carboxamide derivatives as anticancer agents. <i>European Journal of Medicinal Chemistry</i> , <b>2010</b> , 45, 5384-9	6.8	44
151	Induction of insulin resistance by malathion: Evidence for disrupted islets cells metabolism and mitochondrial dysfunction. <i>Pesticide Biochemistry and Physiology</i> , <b>2007</b> , 88, 346-352	4.9	42
150	Preparation, optimization and in vitro characterization of stearyl-gemcitabine polymeric micelles: a comparison with its self-assembled nanoparticles. <i>International Journal of Pharmaceutics</i> , <b>2014</b> , 468, 142-51	6.5	41
149	On the mechanisms of melatonin in protection of aluminum phosphide cardiotoxicity. <i>Archives of Toxicology</i> , <b>2017</b> , 91, 3109-3120	5.8	40
148	Development of acid-resistant alginate/trimethyl chitosan nanoparticles containing cationic $\beta$ -cyclodextrin polymers for insulin oral delivery. <i>AAPS PharmSciTech</i> , <b>2015</b> , 16, 952-62	3.9	40
147	Cellular cytotoxicity and in-vivo biodistribution of docetaxel poly(lactide-co-glycolide) nanoparticles. <i>Anti-Cancer Drugs</i> , <b>2010</b> , 21, 43-52	2.4	39
146	Co-delivery of doxorubicin and PSC 833 (Valspodar) by stealth nanoliposomes for efficient overcoming of multidrug resistance. <i>Journal of Pharmacy and Pharmaceutical Sciences</i> , <b>2012</b> , 15, 568-82	3.4	37
145	Protection by cAMP and cGMP phosphodiesterase inhibitors of diazinon-induced hyperglycemia and oxidative/nitrosative stress in rat Langerhans islets cells: Molecular evidence for involvement of non-cholinergic mechanisms. <i>Pesticide Biochemistry and Physiology</i> , <b>2007</b> , 87, 261-270	4.9	36
144	Effects of berberine on proliferation, cell cycle distribution and apoptosis of human breast cancer T47D and MCF7 cell lines. <i>Iranian Journal of Basic Medical Sciences</i> , <b>2015</b> , 18, 334-42	1.8	36

143	Enhanced oral delivery of docetaxel using thiolated chitosan nanoparticles: preparation, in vitro and in vivo studies. <i>BioMed Research International</i> , <b>2013</b> , 2013, 150478	3	35
142	Docetaxel immunonanocarriers as targeted delivery systems for HER 2-positive tumor cells: preparation, characterization, and cytotoxicity studies. <i>International Journal of Nanomedicine</i> , <b>2011</b> , 6, 1903-12	7.3	34
141	Lyophilized insulin nanoparticles prepared from quaternized N-aryl derivatives of chitosan as a new strategy for oral delivery of insulin: in vitro, ex vivo and in vivo characterizations. <i>Drug Development and Industrial Pharmacy</i> , <b>2014</b> , 40, 1645-59	3.6	33
140	SN38 polymeric nanoparticles: in vitro cytotoxicity and in vivo antitumor efficacy in xenograft balb/c model with breast cancer versus irinotecan. <i>International Journal of Pharmaceutics</i> , <b>2014</b> , 471, 485-97	6.5	33
139	Biotin decorated PLGA nanoparticles containing SN-38 designed for cancer therapy. <i>Artificial Cells, Nanomedicine and Biotechnology</i> , <b>2017</b> , 45, 495-504	6.1	32
138	Targeted poly (L-Glutamyl glutamine) nanoparticles of docetaxel against folate over-expressed breast cancer cells. <i>International Journal of Pharmaceutics</i> , <b>2014</b> , 467, 123-38	6.5	31
137	Live and heat-inactivated lactobacilli from feces inhibit Salmonella typhi and Escherichia coli adherence to Caco-2 cells. <i>Folia Microbiologica</i> , <b>2009</b> , 54, 157-60	2.8	31
136	Enhanced anti-tumoral activity of methotrexate-human serum albumin conjugated nanoparticles by targeting with Luteinizing Hormone-Releasing Hormone (LHRH) peptide. <i>International Journal of Molecular Sciences</i> , <b>2011</b> , 12, 4591-608	6.3	31
135	Effects of different periods of renal ischemia on liver as a remote organ. <i>World Journal of Gastroenterology</i> , <b>2009</b> , 15, 1113-8	5.6	31
134	Molecular and biochemical evidence on the protection of cardiomyocytes from phosphine-induced oxidative stress, mitochondrial dysfunction and apoptosis by acetyl-L-carnitine. <i>Environmental Toxicology and Pharmacology</i> , <b>2016</b> , 42, 30-7	5.8	30
133	Design, synthesis, cytotoxic evaluation and tubulin inhibitory activity of 4-aryl-5-(3,4,5-trimethoxyphenyl)-2-alkylthio-1H-imidazole derivatives. <i>Bioorganic and Medicinal Chemistry</i> , <b>2013</b> , 21, 2703-9	3.4	29
132	Cell cycle arrest and apoptogenic properties of opium alkaloids noscapine and papaverine on breast cancer stem cells. <i>Toxicology Mechanisms and Methods</i> , <b>2015</b> , 25, 388-95	3.6	29
131	Targeted delivery of methotrexate to tumor cells using biotin functionalized methotrexate-human serum albumin conjugated nanoparticles. <i>Journal of Biomedical Nanotechnology</i> , <b>2011</b> , 7, 743-53	4	29
130	An electrocardiographic, molecular and biochemical approach to explore the cardioprotective effect of vasopressin and milrinone against phosphide toxicity in rats. <i>Food and Chemical Toxicology</i> , <b>2015</b> , 80, 182-192	4.7	28
129	Growth inhibition and induction of apoptosis in human cancerous HeLa cells by <i>Maytenus procumbens</i> . <i>Food and Chemical Toxicology</i> , <b>2013</b> , 51, 38-45	4.7	28
128	Doxorubicin-loaded liposomes: enhancing the oral bioavailability by modulation of physicochemical characteristics. <i>Nanomedicine</i> , <b>2017</b> , 12, 1187-1202	5.6	27
127	Improved anticancer delivery of paclitaxel by albumin surface modification of PLGA nanoparticles. <i>DARU, Journal of Pharmaceutical Sciences</i> , <b>2015</b> , 23, 28	3.9	27
126	Investigation of the possible biological activities of a poisonous South African plant; <i>Hyaenanche globosa</i> (Euphorbiaceae). <i>Pharmacognosy Magazine</i> , <b>2010</b> , 6, 34-41	0.8	27

125	Cytotoxic activity of some marine brown algae against cancer cell lines. <i>Biological Research</i> , <b>2010</b> , 43, 31-7	7.6	27
124	Phytochemicals, withaferin A and carnosol, overcome pancreatic cancer stem cells as c-Met inhibitors. <i>Biomedicine and Pharmacotherapy</i> , <b>2018</b> , 106, 1527-1536	7.5	26
123	Mathematical modelling of the transport of hydroxypropyl-β-cyclodextrin inclusion complexes of ranitidine hydrochloride and furosemide loaded chitosan nanoparticles across a Caco-2 cell monolayer. <i>International Journal of Pharmaceutics</i> , <b>2012</b> , 422, 479-88	6.5	26
122	Synthesis, cytotoxic evaluation and molecular docking study of 2-alkylthio-4-(2,3,4-trimethoxyphenyl)-5-aryl-thiazoles as tubulin polymerization inhibitors. <i>Bioorganic and Medicinal Chemistry</i> , <b>2013</b> , 21, 7648-54	3.4	26
121	Pretreatment with pentoxifylline and N-acetylcysteine in liver ischemia reperfusion-induced renal injury. <i>Renal Failure</i> , <b>2012</b> , 34, 610-5	2.9	26
120	Improved brain delivery of vincristine using dextran sulfate complex solid lipid nanoparticles: optimization and in vivo evaluation. <i>Journal of Biomedical Materials Research - Part A</i> , <b>2014</b> , 102, 2125-36	5.4	25
119	Biological Activities and Composition of Ferulago carduchorum Essential Oil. <i>Journal of Arthropod-Borne Diseases</i> , <b>2015</b> , 9, 104-15	0.8	25
118	SN38 conjugated hyaluronic acid gold nanoparticles as a novel system against metastatic colon cancer cells. <i>International Journal of Pharmaceutics</i> , <b>2017</b> , 526, 339-352	6.5	24
117	Non-addictive opium alkaloids selectively induce apoptosis in cancer cells compared to normal cells. <i>DARU, Journal of Pharmaceutical Sciences</i> , <b>2015</b> , 23, 16	3.9	24
116	Nanoparticles of Conjugated Methotrexate-Human Serum Albumin: Preparation and Cytotoxicity Evaluations. <i>Journal of Nanomaterials</i> , <b>2011</b> , 2011, 1-7	3.2	24
115	Evaluation of the teratogenicity of fennel essential oil (FEO) on the rat embryo limb buds culture. <i>Toxicology in Vitro</i> , <b>2004</b> , 18, 623-7	3.6	24
114	Synthesis of calcium phosphate-zirconia scaffold and human endometrial adult stem cells for bone tissue engineering. <i>Artificial Cells, Nanomedicine and Biotechnology</i> , <b>2016</b> , 44, 66-73	6.1	22
113	The time course of Akt and ERK activation on XIAP expression in HEK 293 cell line. <i>Molecular Biology Reports</i> , <b>2010</b> , 37, 2037-42	2.8	22
112	Synthesis and evaluation of anti-inflammatory and analgesic activities of new 1,2,4-triazole derivatives. <i>Medicinal Chemistry</i> , <b>2014</b> , 11, 69-76	1.8	22
111	Effects of Cymbopogon citratus and Ferula assa-foetida extracts on glutamate-induced neurotoxicity. <i>In Vitro Cellular and Developmental Biology - Animal</i> , <b>2013</b> , 49, 706-15	2.6	21
110	Investigation of simvastatin-induced apoptosis and cell cycle arrest in cancer stem cells of MCF-7. <i>Journal of Cancer Research and Therapeutics</i> , <b>2016</b> , 12, 725-30	1.2	21
109	Exosomes derived from miR-34a-overexpressing mesenchymal stem cells inhibit in vitro tumor growth: A new approach for drug delivery. <i>Life Sciences</i> , <b>2021</b> , 266, 118871	6.8	20
108	Potent cytotoxic flavonoids from Iranian Securigera securidaca. <i>Medicinal Chemistry Research</i> , <b>2014</b> , 23, 1718-1724	2.2	19

107	On the biochemical and molecular mechanisms by which malathion induces dysfunction in pancreatic islets in vivo and in vitro. <i>Pesticide Biochemistry and Physiology</i> , <b>2013</b> , 106, 51-60	4.9	19
106	Synthesis, characterization and cytotoxicity of a series of tetrachloridoplatinum(IV) complexes. <i>Inorganica Chimica Acta</i> , <b>2011</b> , 376, 679-686	2.7	19
105	Effects of diazinon on the activity and gene expression of mitochondrial glutamate dehydrogenase from rat pancreatic Langerhans islets. <i>Pesticide Biochemistry and Physiology</i> , <b>2009</b> , 93, 23-27	4.9	19
104	Polymeric Micelles of PEG-PLA Copolymer as a Carrier for Salinomycin Against Gemcitabine-Resistant Pancreatic Cancer. <i>Pharmaceutical Research</i> , <b>2015</b> , 32, 3756-67	4.5	18
103	Tolerance induction by surface immobilization of Jagged-1 for immunoprotection of pancreatic islets. <i>Biomaterials</i> , <b>2018</b> , 182, 191-201	15.6	18
102	Human serum albumin conjugates of 7-ethyl-10-hydroxycamptothecin (SN38) for cancer treatment. <i>BioMed Research International</i> , <b>2014</b> , 2014, 963507	3	18
101	Design and characterization of biodegradable multi layered electrospun nanofibers for corneal tissue engineering applications. <i>Journal of Biomedical Materials Research - Part A</i> , <b>2019</b> , 107, 2340-2349	5.4	17
100	The influence of steric effects on intramolecular secondary bonding interactions; cytotoxicity in gold(III) bithiazole complexes. <i>Dalton Transactions</i> , <b>2013</b> , 42, 6852-8	4.3	17
99	Stimulation of insulin and glucagon synthesis in rat Langerhans islets by malathion in vitro: Evidence for mitochondrial interaction and involvement of subcellular non-cholinergic mechanisms. <i>Pesticide Biochemistry and Physiology</i> , <b>2007</b> , 89, 130-136	4.9	17
98	PI3K/Akt inhibition and down-regulation of BCRP re-sensitize MCF7 breast cancer cell line to mitoxantrone chemotherapy. <i>Iranian Journal of Basic Medical Sciences</i> , <b>2015</b> , 18, 472-7	1.8	17
97	Identification of Phytochemicals Targeting c-Met Kinase Domain using Consensus Docking and Molecular Dynamics Simulation Studies. <i>Cell Biochemistry and Biophysics</i> , <b>2018</b> , 76, 135-145	3.2	16
96	Comparative effects of calcium channel blockers, autonomic nervous system blockers, and free radical scavengers on diazinon-induced hyposecretion of insulin from isolated islets of Langerhans in rats. <i>Arhiv Za Higijenu Rada I Toksikologiju</i> , <b>2009</b> , 60, 157-64	1.7	16
95	Thermoresponsive polyurethane/siloxane membrane for wound dressing and cell sheet transplantation: In-vitro and in-vivo studies. <i>Materials Science and Engineering C</i> , <b>2016</b> , 69, 804-14	8.3	16
94	Electrophysiological and molecular mechanisms of protection by iron sucrose against phosphine-induced cardiotoxicity: a time course study. <i>Toxicology Mechanisms and Methods</i> , <b>2015</b> , 25, 249-57	3.6	15
93	Cytotoxicity of Vinca minor. <i>Pharmaceutical Biology</i> , <b>2010</b> , 48, 96-100	3.8	15
92	Anti-invasion Effects of Cannabinoids Agonist and Antagonist on Human Breast Cancer Stem Cells. <i>Iranian Journal of Pharmaceutical Research</i> , <b>2017</b> , 16, 1479-1486	1.1	15
91	From proton transferred to cyclometalated platinum(IV) complex: Crystal structure and biological activity. <i>Journal of Organometallic Chemistry</i> , <b>2015</b> , 799-800, 30-37	2.3	14
90	Cytotoxic, Acetylcholinesterase Inhibitor and Antioxidant Activity of Nepeta menthoides Boiss & Buhse essential oil. <i>Journal of Essential Oil-bearing Plants: JEOP</i> , <b>2014</b> , 17, 544-552	1.7	14

89	Synthesis, cytotoxic evaluation, and molecular docking study of 4,5-diaryl-thiazole-2-thione analogs of combretastatin A-4 as microtubule-binding agents. <i>Medicinal Chemistry Research</i> , <b>2014</b> , 23, 1465-1473 <sup>2,2</sup>	14
88	Mitogenic effect of L-dopa on human periodontal ligament fibroblast cells. <i>Journal of Endodontics</i> , <b>2002</b> , 28, 193-6	4.7 14
87	Impact of plasma concentration of transferrin on targeting capacity of nanoparticles. <i>Nanoscale</i> , <b>2020</b> , 12, 4935-4944	7.7 14
86	Targeting Tumorigenicity of Breast Cancer Stem Cells Using SAHA/Wnt-b Catenin Antagonist Loaded Onto Protein Corona of Gold Nanoparticles. <i>International Journal of Nanomedicine</i> , <b>2020</b> , 15, 4063-4078	7.3 13
85	Nicotine attenuates spatial learning deficits induced by sodium metavanadate. <i>NeuroToxicology</i> , <b>2012</b> , 33, 44-52	4.4 13
84	Evaluation of anti-invasion effect of cannabinoids on human hepatocarcinoma cells. <i>Toxicology Mechanisms and Methods</i> , <b>2013</b> , 23, 120-6	3.6 13
83	Effect of ProRoot MTA, Portland cement, and amalgam on the expression of fibronectin, collagen I, and TGFβ by human periodontal ligament fibroblasts in vitro. <i>Indian Journal of Dental Research</i> , <b>2011</b> , 22, 190-4	0.8 13
82	Synthesis, cyclooxygenase inhibitory effects, and molecular modeling study of 4-aryl-5-(4-(methylsulfonyl)phenyl)-2-alkylthio and -2-alkylsulfonyl-1H-imidazole derivatives. <i>Bioorganic and Medicinal Chemistry</i> , <b>2013</b> , 21, 2355-2362	3.4 12
81	Bioactive Terpenoids and Flavonoids from <i>Daucus littoralis</i> Smith subsp. <i>hyrcanicus</i> Rech.f, an Endemic Species of Iran. <i>DARU, Journal of Pharmaceutical Sciences</i> , <b>2014</b> , 22, 12	3.9 12
80	Role of cannabinoid and vanilloid receptors in invasion of human breast carcinoma cells. <i>Journal of Environmental Pathology, Toxicology and Oncology</i> , <b>2012</b> , 31, 377-87	2.1 12
79	Chemical Constituents and Cytotoxic Effect of the Main Compounds of <i>Lythrum salicaria</i> L.. <i>Zeitschrift Fur Naturforschung - Section C Journal of Biosciences</i> , <b>2013</b> , 68, 367-375	1.7 12
78	Crosstalk of EGF-directed MAPK signalling pathways and its potential role on EGF-induced cell proliferation and COX-2 expression in human mesenchymal stem cells. <i>Cell Biochemistry and Function</i> , <b>2011</b> , 29, 64-70	4.2 12
77	Formulation Development and Toxicity Assessment of Triacetin Mediated Nanoemulsions as Novel Delivery Systems for Rapamycin. <i>Iranian Journal of Pharmaceutical Research</i> , <b>2015</b> , 14, 3-21	1.1 12
76	Ameliorating of Memory Impairment and Apoptosis in Amyloid Injected Rats Via Inhibition of Nitric Oxide Synthase: Possible Participation of Autophagy. <i>Iranian Journal of Pharmaceutical Research</i> , <b>2015</b> , 14, 811-24	1.1 12
75	Minocycline Effects on IL-6 Concentration in Macrophage and Microglial Cells in a Rat Model of Neuropathic Pain. <i>Iranian Biomedical Journal</i> , <b>2016</b> , 20, 273-9	2 11
74	Invasion and migration of MDA-MB-231 cells are inhibited by block of AhR and NFAT: role of AhR/NFAT1/β integrin signaling. <i>Journal of Applied Toxicology</i> , <b>2019</b> , 39, 375-384	4.1 11
73	PLAC1: biology and potential application in cancer immunotherapy. <i>Cancer Immunology, Immunotherapy</i> , <b>2019</b> , 68, 1039-1058	7.4 10
72	Evaluation of immunotoxicity induced by propoxure in C57Bl/6 mice. <i>International Immunopharmacology</i> , <b>2004</b> , 4, 1223-30	5.8 10

71	Oxovanadium(IV) Compounds of cis-[VOCl(N-N) <sub>2</sub> ] <sup>+</sup> (N-N = 4,4P and 5,5Pdimethyl-2,2Pbipyridine); Crystal Structure and Biological Activity. <i>Bulletin of the Korean Chemical Society</i> , <b>2012</b> , 33, 3891-3894	1.2	10
70	Delivery of injectable thermo-sensitive hydrogel releasing nerve growth factor for spinal cord regeneration in rat animal model. <i>Journal of Tissue Viability</i> , <b>2020</b> , 29, 359-366	3.2	10
69	Cytotoxic Potential of <i>Centaurea bruguierana</i> ssp. <i>belangerana</i> : The MTT Assay. <i>Acta Medica Iranica</i> , <b>2016</b> , 54, 583-589		10
68	Synthesis, Molecular Docking Study, and Cytotoxic Activity of 1,3,5-triaryl Pyrazole Derivatives. <i>Letters in Drug Design and Discovery</i> , <b>2015</b> , 13, 121-128	0.8	9
67	Calligonum comosum (Escanbil) extract exerts anti-angiogenic, anti-proliferative and anti-inflammatory effects on endometriotic lesions. <i>Journal of Ethnopharmacology</i> , <b>2019</b> , 239, 111918	5	8
66	Zinc protoporphyrin polymeric nanoparticles: potent heme oxygenase inhibitor for cancer therapy. <i>Pharmaceutical Research</i> , <b>2014</b> , 31, 2124-39	4.5	8
65	Evaluation of the cytotoxicity of <i>Satureja spicigera</i> and its main compounds. <i>Scientific World Journal</i> , <b>2012</b> , 2012, 203861	2.2	8
64	Anti-inflammatory and anti-nociceptive effects of the ethanolic extracts of <i>Alkanna frigida</i> and <i>Alkanna orientalis</i> . <i>Journal of Natural Medicines</i> , <b>2012</b> , 66, 447-52	3.3	8
63	Effect of mu and kappa opioids on injury-induced microglial accumulation in leech CNS: involvement of the nitric oxide pathway. <i>Neuroscience</i> , <b>2007</b> , 144, 1075-86	3.9	8
62	Synthesis, aerobic cytotoxicity, and radiosensitizing activity of novel 2,4-dinitrophenylamine tethered 5-fluorouracil and hydroxyurea. <i>Bioorganic and Medicinal Chemistry Letters</i> , <b>2006</b> , 16, 6034-8	2.9	8
61	Cytotoxicity and DNA/BSA binding ability of copper(II) complexes with dimethylbithiazole. <i>Monatshefte für Chemie</i> , <b>2016</b> , 147, 1651-1658	1.4	7
60	Signaling crosstalk of FHIT, CHK2 and p38 in etoposide induced growth inhibition in MCF-7 cells. <i>Cellular Signalling</i> , <b>2013</b> , 25, 126-32	4.9	7
59	Analysis of the antiepileptic, ethosuximide impacts on neurogenesis of rat forebrain stem cells. <i>Fundamental and Clinical Pharmacology</i> , <b>2014</b> , 28, 512-8	3.1	7
58	Cytotoxicity and radiosensitising activity of synthesized dinitrophenyl derivatives of 5-fluorouracil. <i>DARU, Journal of Pharmaceutical Sciences</i> , <b>2012</b> , 20, 3	3.9	7
57	Ser/ Thr residues at $\beta/\beta$ loop of $G_{\beta}$ are important in morphine-induced adenylyl cyclase sensitization but not mitogen-activated protein kinase phosphorylation. <i>FEBS Journal</i> , <b>2012</b> , 279, 650-605	5.7	7
56	Cyclooxygenase 2 plays a role in Emdogain-induced proliferation. <i>Journal of Periodontal Research</i> , <b>2011</b> , 46, 67-73	4.3	7
55	Correlation between inducible nitric oxide synthase and cyclooxygenase-2 expression in human colorectal adenocarcinoma: a cross-sectional study. <i>Pathology and Oncology Research</i> , <b>2010</b> , 16, 327-35	2.6	7
54	In vitro cytotoxicity and teratogenicity of norethisterone and levonorgestrel released from hollow nylon monofilaments. <i>Journal of Controlled Release</i> , <b>1998</b> , 50, 179-86	11.7	7



53	Sex hormones affect the production of recombinant Factor IX in CHO and HEK-293 cell lines. <i>Biotechnology Letters</i> , <b>2008</b> , 30, 1909-12	3	7
52	Chemical constituents and cytotoxic effect of the main compounds of <i>Lythrum salicaria</i> L. <i>Zeitschrift Fur Naturforschung - Section C Journal of Biosciences</i> , <b>2013</b> , 68, 367-75	1.7	7
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