

Bahman Yousefi

List of Publications by Citations

Source: <https://exaly.com/author-pdf/4416406/bahman-yousefi-publications-by-citations.pdf>

Version: 2024-04-23

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

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

217
papers

5,402
citations

39
h-index

62
g-index

233
ext. papers

7,454
ext. citations

5
avg. IF

6.56
L-index

#	Paper	IF	Citations
217	Multiple functions of p21 in cell cycle, apoptosis and transcriptional regulation after DNA damage. <i>DNA Repair</i> , 2016 , 42, 63-71	4.3	498
216	The roles of signaling pathways in bone repair and regeneration. <i>Journal of Cellular Physiology</i> , 2018 , 233, 2937-2948	7	155
215	Diabetic retinopathy pathogenesis and the ameliorating effects of melatonin; involvement of autophagy, inflammation and oxidative stress. <i>Life Sciences</i> , 2018 , 193, 20-33	6.8	142
214	Modulating tumor hypoxia by nanomedicine for effective cancer therapy. <i>Journal of Cellular Physiology</i> , 2018 , 233, 2019-2031	7	125
213	Flavonoid biosynthetic pathways in plants: Versatile targets for metabolic engineering. <i>Biotechnology Advances</i> , 2020 , 38, 107316	17.8	121
212	Molecular mechanisms related to colistin resistance in Enterobacteriaceae. <i>Infection and Drug Resistance</i> , 2019 , 12, 965-975	4.2	101
211	Melatonin: A pleiotropic molecule that modulates DNA damage response and repair pathways. <i>Journal of Pineal Research</i> , 2017 , 63, e12416	10.4	95
210	Long non-coding RNAs in cancer drug resistance development. <i>DNA Repair</i> , 2016 , 45, 25-33	4.3	95
209	RAS/MAPK signaling functions in oxidative stress, DNA damage response and cancer progression. <i>Journal of Cellular Physiology</i> , 2019 , 234, 14951	7	91
208	Quercetin: A functional dietary flavonoid with potential chemo-preventive properties in colorectal cancer. <i>Journal of Cellular Physiology</i> , 2018 , 233, 6544-6560	7	86
207	A review on anti-cancer properties of Quercetin in breast cancer. <i>Life Sciences</i> , 2020 , 248, 117463	6.8	83
206	Importance of probiotics in the prevention and treatment of colorectal cancer. <i>Journal of Cellular Physiology</i> , 2019 , 234, 17127-17143	7	78
205	The crosstalk between Wnt/ β -catenin signaling pathway with DNA damage response and oxidative stress: Implications in cancer therapy. <i>DNA Repair</i> , 2017 , 51, 14-19	4.3	76
204	Melatonin in regulation of inflammatory pathways in rheumatoid arthritis and osteoarthritis: involvement of circadian clock genes. <i>British Journal of Pharmacology</i> , 2018 , 175, 3230-3238	8.6	69
203	The role of melatonin, a multitasking molecule, in retarding the processes of ageing. <i>Ageing Research Reviews</i> , 2018 , 47, 198-213	12	65
202	DNA damage response regulation by microRNAs as a therapeutic target in cancer. <i>DNA Repair</i> , 2016 , 47, 1-11	4.3	64
201	The roles of Wnt/ β -catenin pathway in tissue development and regenerative medicine. <i>Journal of Cellular Physiology</i> , 2018 , 233, 5598-5612	7	63

200	DNA repair and damage pathways in breast cancer development and therapy. <i>DNA Repair</i> , 2017 , 54, 22-29	3	60
199	Biocompatible magnetic tris(2-aminoethyl)amine functionalized nanocrystalline cellulose as a novel nanocarrier for anticancer drug delivery of methotrexate. <i>New Journal of Chemistry</i> , 2017 , 41, 2160-2168	3.6	59
198	Carbohydrate polymer-based silver nanocomposites: Recent progress in the antimicrobial wound dressings. <i>Carbohydrate Polymers</i> , 2020 , 231, 115696	10.3	59
197	Multiple Functions of Long Non-Coding RNAs in Oxidative Stress, DNA Damage Response and Cancer Progression. <i>Journal of Cellular Biochemistry</i> , 2018 , 119, 223-236	4.7	57
196	A global treatments for coronaviruses including COVID-19. <i>Journal of Cellular Physiology</i> , 2020 , 235, 9133-9142	56	
195	CRISPR/Cas9 technology as a potent molecular tool for gene therapy. <i>Journal of Cellular Physiology</i> , 2019 , 234, 12267-12277	7	55
194	Reversion of Multidrug Resistance by Co-Encapsulation of Doxorubicin and Metformin in Poly(lactide-co-glycolide)-d-Etocopheryl Polyethylene Glycol 1000 Succinate Nanoparticles. <i>Pharmaceutical Research</i> , 2018 , 35, 119	4.5	55
193	Anti-angiogenic effects of CD73-specific siRNA-loaded nanoparticles in breast cancer-bearing mice. <i>Journal of Cellular Physiology</i> , 2018 , 233, 7165-7177	7	50
192	The imbalance of Th17/Treg axis involved in the pathogenesis of preeclampsia. <i>Journal of Cellular Physiology</i> , 2019 , 234, 5106-5116	7	50
191	Nanocrystalline cellulose: Preparation, physicochemical properties, and applications in drug delivery systems. <i>International Journal of Biological Macromolecules</i> , 2019 , 133, 850-859	7.9	49
190	An Insight into the Sex Differences in COVID-19 Patients: What are the Possible Causes?. <i>Prehospital and Disaster Medicine</i> , 2020 , 35, 438-441	0.8	49
189	Therapeutic potential of polyphenols in cardiovascular diseases: Regulation of mTOR signaling pathway. <i>Pharmacological Research</i> , 2020 , 152, 104626	10.2	47
188	Metformin; an old antidiabetic drug with new potentials in bone disorders. <i>Biomedicine and Pharmacotherapy</i> , 2019 , 109, 1593-1601	7.5	47
187	Breast tumor stroma: A driving force in the development of resistance to therapies. <i>Chemical Biology and Drug Design</i> , 2017 , 89, 309-318	2.9	44
186	The multiple functions of melatonin in regenerative medicine. <i>Ageing Research Reviews</i> , 2018 , 45, 33-52	12	44
185	Prostaglandin E2 as a potent therapeutic target for treatment of colon cancer. <i>Prostaglandins and Other Lipid Mediators</i> , 2019 , 144, 106338	3.7	42
184	MicroRNAs in breast cancer: Roles, functions, and mechanism of actions. <i>Journal of Cellular Physiology</i> , 2020 , 235, 5008-5029	7	42
183	Overcoming multidrug resistance in cancer: Recent progress in nanotechnology and new horizons. <i>IUBMB Life</i> , 2020 , 72, 855-871	4.7	42

182	Chitosan biomaterials application in dentistry. <i>International Journal of Biological Macromolecules</i> , 2020 , 162, 956-974	7.9	41
181	DNA damage response and repair in colorectal cancer: Defects, regulation and therapeutic implications. <i>DNA Repair</i> , 2018 , 69, 34-52	4.3	41
180	53BP1: A key player of DNA damage response with critical functions in cancer. <i>DNA Repair</i> , 2019 , 73, 110-119	4.3	40
179	Microbial balance in the intestinal microbiota and its association with diabetes, obesity and allergic disease. <i>Microbial Pathogenesis</i> , 2019 , 127, 48-55	3.8	40
178	Targeting PI3K/Akt/mTOR signaling pathway by polyphenols: Implication for cancer therapy. <i>Life Sciences</i> , 2020 , 255, 117481	6.8	39
177	Epigenetic changes in gastric cancer induction by Helicobacter pylori. <i>Journal of Cellular Physiology</i> , 2019 , 234, 21770-21784	7	38
176	The critical role of Faecalibacterium prausnitzii in human health: An overview. <i>Microbial Pathogenesis</i> , 2020 , 149, 104344	3.8	37
175	Inhibition of survivin restores the sensitivity of breast cancer cells to docetaxel and vinblastine. <i>Applied Biochemistry and Biotechnology</i> , 2014 , 174, 667-81	3.2	37
174	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
173	How CRISPR-Cas System Could Be Used to Combat Antimicrobial Resistance. <i>Infection and Drug Resistance</i> , 2020 , 13, 1111-1121	4.2	36
172	Exosomes: natural nanoparticles as bio shuttles for RNAi delivery. <i>Journal of Controlled Release</i> , 2018 , 289, 158-170	11.7	36
171	Akt and p53R2, partners that dictate the progression and invasiveness of cancer. <i>DNA Repair</i> , 2014 , 22, 24-9	4.3	35
170	Diosgenin attenuates inflammatory response induced by myocardial reperfusion injury: role of mitochondrial ATP-sensitive potassium channels. <i>Journal of Physiology and Biochemistry</i> , 2014 , 70, 425-32	5	34
169	Altered T-cell subpopulations in recurrent pregnancy loss patients with cellular immune abnormalities. <i>Journal of Cellular Physiology</i> , 2019 , 234, 4924-4933	7	34
168	Reduced ABCB1 Expression and Activity in the Presence of Acrylic Copolymers. <i>Advanced Pharmaceutical Bulletin</i> , 2014 , 4, 219-24	4.5	33
167	Inhibition of MEK/ERK1/2 Signaling Affects the Fatty Acid Composition of HepG2 Human Hepatic Cell Line. <i>BiolImpacts</i> , 2012 , 2, 145-50	3.5	33
166	Chitosan: A compound for drug delivery system in gastric cancer-a review. <i>Carbohydrate Polymers</i> , 2020 , 242, 116403	10.3	33
165	Balaglitazone reverses P-glycoprotein-mediated multidrug resistance via upregulation of PTEN in a PPAR α -dependent manner in leukemia cells. <i>Tumor Biology</i> , 2017 , 39, 1010428317716501	2.9	30

164	The roles of p53R2 in cancer progression based on the new function of mutant p53 and cytoplasmic p21. <i>Life Sciences</i> , 2014 , 99, 14-7	6.8	30
163	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
162	Ovarian cancer stem cell: A potential therapeutic target for overcoming multidrug resistance. <i>Journal of Cellular Physiology</i> , 2019 , 234, 3238-3253	7	30
161	New insights into antidiabetic drugs: Possible applications in cancer treatment. <i>Chemical Biology and Drug Design</i> , 2017 , 90, 1056-1066	2.9	29
160	The roles of signaling pathways in liver repair and regeneration. <i>Journal of Cellular Physiology</i> , 2019 , 234, 14966	7	29
159	Crosstalk between Phosphoinositide 3-kinase/Akt signaling pathway with DNA damage response and oxidative stress in cancer. <i>Journal of Cellular Biochemistry</i> , 2019 , 120, 10248-10272	4.7	29
158	MiRNAs and inflammatory bowel disease: An interesting new story. <i>Journal of Cellular Physiology</i> , 2019 , 234, 3277-3293	7	29
157	Combination of nanotechnology with vascular targeting agents for effective cancer therapy. <i>Journal of Cellular Physiology</i> , 2018 , 233, 2982-2992	7	28
156	Troloxerutin Preconditioning and Ischemic Postconditioning Modulate Inflammatory Response after Myocardial Ischemia/Reperfusion Injury in Rat Model. <i>Inflammation</i> , 2017 , 40, 136-143	5.1	28
155	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
154	Critical roles of long noncoding RNAs in breast cancer. <i>Journal of Cellular Physiology</i> , 2020 , 235, 5059-5071		27
153	Anti-Proliferative Properties of Cornus mass Fruit in Different Human Cancer Cells. <i>Asian Pacific Journal of Cancer Prevention</i> , 2015 , 16, 5727-31	1.7	27
152	Downregulation of Notch Signaling Pathway as an Effective Chemosensitizer for Cancer Treatment. <i>Drug Research</i> , 2016 , 66, 571-579	1.8	27
151	Polyphenols: Major regulators of key components of DNA damage response in cancer. <i>DNA Repair</i> , 2019 , 82, 102679	4.3	26
150	Involvement of Glycogen Synthase Kinase-3 and Oxidation Status in the Loss of Cardioprotection by Postconditioning in Chronic Diabetic Male Rats. <i>Advanced Pharmaceutical Bulletin</i> , 2015 , 5, 321-7	4.5	26
149	Potential antigen candidates for subunit vaccine development against Helicobacter pylori infection. <i>Journal of Cellular Physiology</i> , 2019 , 234, 21460-21470	7	25
148	Cyclosporine A improves pregnancy outcomes in women with recurrent pregnancy loss and elevated Th1/Th2 ratio. <i>Journal of Cellular Physiology</i> , 2019 , 234, 19039-19047	7	25
147	Time--and Concentration--Dependent Effects of Resveratrol on miR 15a and miR16-1 Expression and Apoptosis in the CCRF-CEM Acute Lymphoblastic Leukemia Cell Line. <i>Asian Pacific Journal of Cancer Prevention</i> , 2015 , 16, 6463-8	1.7	25

146	Investigation of and expression and apoptosis in a resveratrol- and prednisolone-treated human T-ALL cell line, CCRF-CEM. <i>Blood Research</i> , 2018 , 53, 53-60	1.4	25
145	Expression pattern of miR-21, miR-25 and PTEN in peripheral blood mononuclear cells of patients with significant or insignificant coronary stenosis. <i>Gene</i> , 2019 , 698, 170-178	3.8	24
144	Silencing of p68 and STAT3 synergistically diminishes cancer progression. <i>Life Sciences</i> , 2020 , 249, 117499.8	24	
143	Serum arsenic and lipid peroxidation levels in patients with multiple sclerosis. <i>Biological Trace Element Research</i> , 2014 , 158, 276-9	4.5	24
142	Anti-arrhythmic effect of diosgenin in reperfusion-induced myocardial injury in a rat model: activation of nitric oxide system and mitochondrial KATP channel. <i>Journal of Physiological Sciences</i> , 2014 , 64, 393-400	2.3	24
141	The role of leukotrienes in immunopathogenesis of rheumatoid arthritis. <i>Modern Rheumatology</i> , 2014 , 24, 225-35	3.3	24
140	MicroRNAs and colorectal cancer chemoresistance: New solution for old problem. <i>Life Sciences</i> , 2020 , 259, 118255	6.8	23
139	Current information on the association of Helicobacter pylori with autophagy and gastric cancer. <i>Journal of Cellular Physiology</i> , 2019 , 234, 14800	7	23
138	S1PR1 as a Novel Promising Therapeutic Target in Cancer Therapy. <i>Molecular Diagnosis and Therapy</i> , 2019 , 23, 467-487	4.5	22
137	Needle-shaped amphoteric calix[4]arene as a magnetic nanocarrier for simultaneous delivery of anticancer drugs to the breast cancer cells. <i>International Journal of Nanomedicine</i> , 2019 , 14, 2619-2636	7.3	21
136	Dysregulated microRNAs in colorectal carcinogenesis: New insight to cell survival and apoptosis regulation. <i>Journal of Cellular Physiology</i> , 2019 , 234, 21683-21693	7	20
135	Fabrication and characterization of a titanium dioxide (TiO) nanoparticles reinforced bio-nanocomposite containing (L.) extract - the antimicrobial, thermo-physical and barrier properties. <i>International Journal of Nanomedicine</i> , 2019 , 14, 3439-3454	7.3	20
134	The role of epigenetics and non-coding RNAs in autophagy: A new perspective for thorough understanding. <i>Mechanisms of Ageing and Development</i> , 2020 , 190, 111309	5.6	20
133	Natural products, PGC-1, and Duchenne muscular dystrophy. <i>Acta Pharmaceutica Sinica B</i> , 2020 , 10, 734-745	15	20
132	Co-inhibition of Notch and NF- κ B Signaling Pathway Decreases Proliferation through Downregulating β -catenin and Hes-1 Expression in Human Ovarian Cancer OVCAR-3 Cells. <i>Drug Research</i> , 2017 , 67, 13-19	1.8	20
131	Diosgenin-induced protection against myocardial ischaemia-reperfusion injury is mediated by mitochondrial KATP channels in a rat model. <i>Perfusion (United Kingdom)</i> , 2015 , 30, 565-71	1.9	20
130	Co-treatment by docetaxel and vinblastine breaks down P-glycoprotein mediated chemo-resistance. <i>Iranian Journal of Basic Medical Sciences</i> , 2016 , 19, 300-9	1.8	20
129	PPAR δ agonist-induced alterations in β -desaturase and stearoyl-CoA desaturase 1: Role of MEK/ERK1/2 pathway. <i>World Journal of Hepatology</i> , 2013 , 5, 220-5	3.4	20

128	The herbal medicine <i>Melissa officinalis</i> extract effects on gene expression of p53, Bcl-2, Her2, VEGF-A and hTERT in human lung, breast and prostate cancer cell lines. <i>Gene</i> , 2017 , 613, 14-19	3.8	19
127	Targeting miRNAs by polyphenols: Novel therapeutic strategy for aging. <i>Biochemical Pharmacology</i> , 2020 , 173, 113688	6	19
126	Graphene oxide and reduced graphene oxide: Efficient cargo platforms for cancer theranostics. <i>Journal of Drug Delivery Science and Technology</i> , 2020 , 60, 101974	4.5	19
125	New insights into the roles and regulation of SphK2 as a therapeutic target in cancer chemoresistance. <i>Journal of Cellular Physiology</i> , 2019 , 234, 8162-8181	7	19
124	Suppression of p53R2 gene expression with specific siRNA sensitizes HepG2 cells to doxorubicin. <i>Gene</i> , 2018 , 642, 249-255	3.8	19
123	siRNA-mediated silencing of MDR1 reverses the resistance to oxaliplatin in SW480/OxR colon cancer cells. <i>Cellular and Molecular Biology</i> , 2015 , 61, 98-103	1.1	19
122	Cross-regulation between Notch signaling pathway and miRNA machinery in cancer. <i>DNA Repair</i> , 2018 , 66-67, 30-41	4.3	18
121	Growth-Inhibitory and Apoptosis-Inducing Effects of <i>Punica granatum</i> L. var. <i>spinosa</i> (Apple Punice) on Fibrosarcoma Cell Lines. <i>Advanced Pharmaceutical Bulletin</i> , 2014 , 4, 583-90	4.5	18
120	Regulatory T cells in breast cancer as a potent anti-cancer therapeutic target. <i>International Immunopharmacology</i> , 2020 , 78, 106087	5.8	18
119	The roles of FGF21 in atherosclerosis pathogenesis. <i>Reviews in Endocrine and Metabolic Disorders</i> , 2019 , 20, 103-114	10.5	17
118	MicroRNAs, DNA damage response and ageing. <i>Biogerontology</i> , 2020 , 21, 275-291	4.5	17
117	Chronic type-I diabetes could not impede the anti-inflammatory and anti-apoptotic effects of combined postconditioning with ischemia and cyclosporine A in myocardial reperfusion injury. <i>Journal of Physiology and Biochemistry</i> , 2017 , 73, 111-120	5	17
116	The effects of Ramadan fasting on endothelial function in patients with cardiovascular diseases. <i>European Journal of Clinical Nutrition</i> , 2014 , 68, 835-9	5.2	17
115	The role of polyphenols in overcoming cancer drug resistance: a comprehensive review.. <i>Cellular and Molecular Biology Letters</i> , 2022 , 27, 1	8.1	17
114	Cytotoxic and Apoptotic Activities of Methanolic Subfractions of <i>Scrophularia oxysepala</i> against Human Breast Cancer Cell Line. <i>Evidence-based Complementary and Alternative Medicine</i> , 2016 , 2016, 8540640	2.3	16
113	Is it true that gut microbiota is considered as panacea in cancer therapy?. <i>Journal of Cellular Physiology</i> , 2019 , 234, 14941	7	16
112	Smac mimetics as novel promising modulators of apoptosis in the treatment of breast cancer. <i>Journal of Cellular Biochemistry</i> , 2019 , 120, 9300-9314	4.7	16
111	The importance of miRNAs and epigenetics in acute lymphoblastic leukemia prognosis. <i>Journal of Cellular Physiology</i> , 2019 , 234, 3216-3230	7	16

110	Melatonin: An important anticancer agent in colorectal cancer. <i>Journal of Cellular Physiology</i> , 2020 , 235, 804-817	7	16
109	DNA damage response and repair in ovarian cancer: Potential targets for therapeutic strategies. <i>DNA Repair</i> , 2019 , 80, 59-84	4.3	15
108	Intravenous immunoglobulin G treatment increases live birth rate in women with recurrent miscarriage and modulates regulatory and exhausted regulatory T cells frequency and function. <i>Journal of Cellular Biochemistry</i> , 2019 , 120, 5424-5434	4.7	15
107	Targeting of oncogenic signaling pathways by berberine for treatment of colorectal cancer. <i>Medical Oncology</i> , 2020 , 37, 49	3.7	15
106	Melatonin and doxorubicin co-delivered via a functionalized graphene-dendrimeric system enhances apoptosis of osteosarcoma cells. <i>Materials Science and Engineering C</i> , 2021 , 119, 111554	8.3	15
105	Crosstalk between P53 and DNA damage response in ageing. <i>DNA Repair</i> , 2019 , 80, 8-15	4.3	14
104	Preparation and in-vitro evaluation of pH-responsive cationic cyclodextrin coated magnetic nanoparticles for delivery of methotrexate to the Saos-2 bone cancer cells. <i>Journal of Drug Delivery Science and Technology</i> , 2020 , 57, 101584	4.5	14
103	Apoptotic functions of microRNAs in pathogenesis, diagnosis, and treatment of endometriosis. <i>Cell and Bioscience</i> , 2020 , 10, 12	9.8	13
102	Signaling pathways involved in cell cycle arrest during the DNA breaks. <i>DNA Repair</i> , 2021 , 98, 103047	4.3	13
101	HPV vaccinations: a Middle Eastern and north African dilemma. <i>Lancet Infectious Diseases</i> , 2017 , 17, 18-19	25.5	12
100	Anti-tumor activities of probiotics in cervical cancer. <i>Journal of Ovarian Research</i> , 2020 , 13, 68	5.5	12
99	Immunological and oxidative stress biomarkers in Ankylosing Spondylitis patients with or without metabolic syndrome. <i>Cytokine</i> , 2020 , 128, 155002	4	12
98	Effects of chitosan and oligochitosans on the phosphatidylinositol 3-kinase-AKT pathway in cancer therapy. <i>International Journal of Biological Macromolecules</i> , 2020 , 164, 456-467	7.9	12
97	CRISPR/Cas9 novel therapeutic road for the treatment of neurodegenerative diseases. <i>Life Sciences</i> , 2020 , 259, 118165	6.8	12
96	Curcumin anti-tumor effects on endometrial cancer with focus on its molecular targets. <i>Cancer Cell International</i> , 2021 , 21, 120	6.4	12
95	The Effect of Prednisolone on miR 15a and miR16-1 Expression Levels and Apoptosis in Acute Lymphoblastic Leukemia Cell Line: CCRF-CEM. <i>Drug Research</i> , 2016 , 66, 432-5	1.8	11
94	Protective effect of pioglitazone on morphine-induced neuroinflammation in the rat lumbar spinal cord. <i>Journal of Biomedical Science</i> , 2015 , 22, 82	13.3	11
93	Targeting STATs in neuroinflammation: The road less traveled!. <i>Pharmacological Research</i> , 2019 , 141, 73-84	10.2	11

92	Differential effects of peroxisome proliferator-activated receptor agonists on doxorubicin-resistant human myelogenous leukemia (K562/DOX) cells. <i>Cellular and Molecular Biology</i> , 2015 , 61, 118-22	1.1	11
91	Targeting vasculogenic mimicry by phytochemicals: A potential opportunity for cancer therapy. <i>IUBMB Life</i> , 2020 , 72, 825-841	4.7	10
90	Current approaches for the treatment of male infertility with stem cell therapy. <i>Journal of Cellular Physiology</i> , 2018 , 233, 6455-6469	7	10
89	Polyelectrolyte Carboxymethyl Cellulose for Enhanced Delivery of Doxorubicin in MCF7 Breast Cancer Cells: Toxicological Evaluations in Mice Model. <i>Pharmaceutical Research</i> , 2019 , 36, 68	4.5	9
88	Melatonin-mediated regulation of autophagy: Making sense of double-edged sword in cancer. <i>Journal of Cellular Physiology</i> , 2019 , 234, 17011-17022	7	9
87	Proteomic Applications in Antimicrobial Resistance and Clinical Microbiology Studies. <i>Infection and Drug Resistance</i> , 2020 , 13, 1785-1806	4.2	9
86	Melatonin: An atypical hormone with major functions in the regulation of angiogenesis. <i>IUBMB Life</i> , 2020 , 72, 1560-1584	4.7	9
85	The hypothetical roles of arsenic in multiple sclerosis by induction of inflammation and aggregation of tau protein: A commentary. <i>Nutritional Neuroscience</i> , 2018 , 21, 92-96	3.6	9
84	Dysregulated expression of STAT1, miR-150, and miR-223 in peripheral blood mononuclear cells of coronary artery disease patients with significant or insignificant stenosis. <i>Journal of Cellular Biochemistry</i> , 2019 , 120, 19810-19824	4.7	9
83	Toll-like receptors as novel therapeutic targets for herpes simplex virus infection. <i>Reviews in Medical Virology</i> , 2019 , 29, e2048	11.7	9
82	The effects of mebudipine on myocardial arrhythmia induced by ischemia-reperfusion injury in isolated rat heart. <i>Cellular and Molecular Biology</i> , 2016 , 62, 15-20	1.1	9
81	Graphene Oxide: A Promising Material for Regenerative Medicine and Tissue Engineering. <i>Biomolecular Concepts</i> , 2020 , 11, 182-200	3.7	9
80	Red Cell Distribution Width as a Novel Prognostic Marker in Multiple Clinical Studies. <i>Indian Journal of Critical Care Medicine</i> , 2020 , 24, 49-54	1.3	9
79	Modulation of telomerase expression and function by miRNAs: Anti-cancer potential. <i>Life Sciences</i> , 2020 , 259, 118387	6.8	9
78	Stabilization of telomere by the antioxidant property of polyphenols: Anti-aging potential. <i>Life Sciences</i> , 2020 , 259, 118341	6.8	9
77	Thymol, cardamom and Lactobacillus plantarum nanoparticles as a functional candy with high protection against Streptococcus mutans and tooth decay. <i>Microbial Pathogenesis</i> , 2020 , 148, 104481	3.8	9
76	Chitosan applications in studying and managing osteosarcoma. <i>International Journal of Biological Macromolecules</i> , 2021 , 169, 321-329	7.9	9
75	The role of IL-10-producing B cells in repeated implantation failure patients with cellular immune abnormalities. <i>Immunology Letters</i> , 2019 , 214, 16-22	4.1	8

74	Is there association between ABO blood group and the risk factors of unfavorable outcomes of pregnancy?. <i>Journal of Maternal-Fetal and Neonatal Medicine</i> , 2015 , 28, 578-82	2	8
73	Circular RNAs: new genetic tools in melanoma. <i>Biomarkers in Medicine</i> , 2020 , 14, 563-571	2.3	8
72	Effects of Ramadan Fasting on Serum Amyloid A and Protein Carbonyl Group Levels in Patients With Cardiovascular Diseases. <i>Journal of Cardiovascular and Thoracic Research</i> , 2015 , 7, 55-9	1.3	8
71	miR-192 enhances sensitivity of methotrexate drug to MG-63 osteosarcoma cancer cells. <i>Pathology Research and Practice</i> , 2020 , 216, 153176	3.4	8
70	Oral spirochetes: Pathogenic mechanisms in periodontal disease. <i>Microbial Pathogenesis</i> , 2020 , 144, 104193	3.3	8
69	Anti-cancer properties of quercetin in osteosarcoma. <i>Cancer Cell International</i> , 2021 , 21, 349	6.4	8
68	Expression Analysis of Aurora-C and Survivin, Two Testis-Specific Genes, in Patients with Colorectal Cancer. <i>Clinical Laboratory</i> , 2015 , 61, 475-80	2	7
67	AdeB efflux pump gene knockdown by mRNA mediated peptide nucleic acid in multidrug resistance <i>Acinetobacter baumannii</i> . <i>Microbial Pathogenesis</i> , 2020 , 139, 103825	3.8	7
66	In vitro and in vivo anticancer effects of syringic acid on colorectal cancer: Possible mechanistic view. <i>Chemico-Biological Interactions</i> , 2021 , 337, 109337	5	7
65	Current Advances in DNA Methylation Analysis Methods. <i>BioMed Research International</i> , 2021 , 2021, 8827516	3	7
64	The effects of chitosan-based materials on glioma: Recent advances in its applications for diagnosis and treatment. <i>International Journal of Biological Macromolecules</i> , 2021 , 168, 124-129	7.9	7
63	Hyperbranched polyglycerol Cyclodextrin as magnetic platform for optimization of doxorubicin cytotoxic effects on Saos-2 bone cancerous cell line. <i>Journal of Drug Delivery Science and Technology</i> , 2020 , 57, 101741	4.5	6
62	The histopathological effects of retinoic acid on the tissues. <i>Pakistan Journal of Biological Sciences</i> , 2010 , 13, 927-36	0.8	6
61	Kombucha ameliorates experimental autoimmune encephalomyelitis through activation of Treg and Th2 cells. <i>Acta Neurologica Belgica</i> , 2021 , 121, 1685-1692	1.5	6
60	Crosstalk between miRNA and PI3K/AKT/mTOR signaling pathway in cancer. <i>Life Sciences</i> , 2021 , 285, 119984	6.8	6
59	Overexpression of tensin homolog deleted on chromosome ten (PTEN) by ciglitazone sensitizes doxorubicin-resistance leukemia cancer cells to treatment. <i>Journal of Cellular Biochemistry</i> , 2019 , 120, 15719-15729	4.7	5
58	Targeting microRNAs with thymoquinone: a new approach for cancer therapy. <i>Cellular and Molecular Biology Letters</i> , 2021 , 26, 43	8.1	5
57	Melatonin as a potential inhibitor of kidney cancer: A survey of the molecular processes. <i>IUBMB Life</i> , 2020 , 72, 2355-2365	4.7	5

56	The cross-talk between signaling pathways, noncoding RNAs and DNA damage response: Emerging players in cancer progression. <i>DNA Repair</i> , 2021 , 98, 103036	4.3	5
55	Multiple interactions between melatonin and non-coding RNAs in cancer biology. <i>Chemical Biology and Drug Design</i> , 2021 , 98, 323-340	2.9	5
54	Downregulation of Aquaporin3 in Systemic Sclerosis Dermal Fibroblasts. <i>Iranian Journal of Allergy, Asthma and Immunology</i> , 2017 , 16, 228-234	1.1	5
53	Frequency of null allele of Human Leukocyte Antigen-G (HLA-G) locus in subjects to recurrent miscarriage. <i>International Journal of Reproductive BioMedicine</i> , 2016 , 14, 459-64	1.3	4
52	Circular RNA as a potential diagnostic and/or therapeutic target for endometriosis. <i>Biomarkers in Medicine</i> , 2020 , 14, 1277-1287	2.3	4
51	The role of DNA damage response in chemo- and radio-resistance of cancer cells: Can DDR inhibitors solve the problem?. <i>DNA Repair</i> , 2021 , 101, 103074	4.3	4
50	DNA damage response and repair in osteosarcoma: Defects, regulation and therapeutic implications. <i>DNA Repair</i> , 2021 , 102, 103105	4.3	4
49	Molecular mechanisms involved in DNA repair in human cancers: An overview of PI3k/Akt signaling and PIKKs crosstalk. <i>Journal of Cellular Physiology</i> , 2021 ,	7	4
48	Targeting Wnt signaling pathway by polyphenols: implication for aging and age-related diseases. <i>Biogerontology</i> , 2021 , 22, 479-494	4.5	4
47	Evidences from a Systematic Review and Meta-Analysis Unveil the Role of MiRNA Polymorphisms in the Predisposition to Female Neoplasms. <i>International Journal of Molecular Sciences</i> , 2019 , 20,	6.3	3
46	The role of leukotrienes in immunopathogenesis of rheumatoid arthritis. <i>Modern Rheumatology</i> , 2013 , 1	3.3	3
45	Synthesis of biocompatible nanocrystalline cellulose against folate receptors as a novel carrier for targeted delivery of doxorubicin. <i>Chemico-Biological Interactions</i> , 2021 , 351, 109731	5	3
44	The effects of statins with a high hepatoselectivity rank on the extra-hepatic tissues; New functions for statins. <i>Pharmacological Research</i> , 2020 , 152, 104621	10.2	3
43	TIGIT and CD155 as Immune-Modulator Receptor and Ligand on CD4 T cells in Preeclampsia Patients. <i>Immunological Investigations</i> , 2021 , 1-16	2.9	3
42	Targeting Wnt/βcatenin signaling by microRNAs as a therapeutic approach in chemoresistant osteosarcoma. <i>Biochemical Pharmacology</i> , 2021 , 193, 114758	6	3
41	Targeting long non coding RNA by natural products: Implications for cancer therapy. <i>Critical Reviews in Food Science and Nutrition</i> , 2021 , 1-29	11.5	2
40	The Sensitization of Melatonin in Osteosarcoma Cells by Suppression of Anti-Apoptotic Proteins 2020 , 26, 159-164		2
39	Notch Signaling Pathway: Find New Channel during Liver Repair and Regeneration. <i>Current Medicinal Chemistry</i> , 2021 ,	4.3	2

38	Targeting microRNAs by curcumin: implication for cancer therapy. <i>Critical Reviews in Food Science and Nutrition</i> , 2021 , 1-12	11.5	2
37	The importance of co-delivery of nanoparticle-siRNA and anticancer agents in cancer therapy. <i>Chemical Biology and Drug Design</i> , 2021 , 97, 997-1015	2.9	2
36	Keeping abreast of human papillomavirus in Iran. <i>European Journal of Cancer Prevention</i> , 2018 , 27, 577	2	2
35	DNA damage response and repair in pancreatic cancer development and therapy. <i>DNA Repair</i> , 2021 , 103, 103116	4.3	2
34	The molecular mechanism of nuclear signaling for degradation of cytoplasmic DNA: Importance in DNA damage response and cancer. <i>DNA Repair</i> , 2021 , 103, 103115	4.3	2
33	mTOR pathway and DNA damage response: A therapeutic strategy in cancer therapy. <i>DNA Repair</i> , 2021 , 104, 103142	4.3	2
32	Vitamin D in respiratory viral infections: a key immune modulator?. <i>Critical Reviews in Food Science and Nutrition</i> , 2021 , 1-16	11.5	2
31	Role of exosomal miRNA in chemotherapy resistance of Colorectal cancer: A systematic review. <i>Chemical Biology and Drug Design</i> , 2021 ,	2.9	2
30	Quercetin: an effective polyphenol in alleviating diabetes and diabetic complications.. <i>Critical Reviews in Food Science and Nutrition</i> , 2022 , 1-24	11.5	2
29	New potentials for 3-hydroxy-3-methyl-glutaryl-coenzymeA reductase inhibitors: Possible applications in retarding diabetic complications. <i>Journal of Cellular Physiology</i> , 2019 , 234, 19393-19405	7	1
28	Downregulation of microRNA-214 and PTEN in tissue samples of patients with breast cancer. <i>Meta Gene</i> , 2020 , 24, 100668	0.7	1
27	Nanotechnology-based advances in the efficient delivery of melatonin.. <i>Cancer Cell International</i> , 2022 , 22, 43	6.4	1
26	Tumor-Induced Metabolism and T Cells Located in Tumor Environment. <i>Current Cancer Drug Targets</i> , 2020 , 20, 741-756	2.8	1
25	Serum level of melatonin in patients with osteoarthritis and its relation with 8-hydroxy-2-deoxyguanosine and vitamin D. <i>Journal of Research in Clinical Medicine</i> , 2020 , 8, 34-34	0.4	1
24	Coagulopathy: Another side effect of coronavirus infection. <i>Journal of Cardiovascular and Thoracic Research</i> , 2021 , 13, 15-22	1.3	1
23	In vitro strain specific reducing of aflatoxin B1 by probiotic bacteria: a systematic review and meta-analysis. <i>Toxin Reviews</i> , 1-12	2.3	1
22	Long noncoding RNA-miRNA-mRNA axes multiple roles in osteosarcoma. <i>Gene Reports</i> , 2021 , 23, 101090	1.4	1
21	Chitosan and Wnt/βcatenin Signaling Pathways in Different Cancers. <i>Combinatorial Chemistry and High Throughput Screening</i> , 2021 , 24, 1323-1331	1.3	1

20	Dysregulation of lncRNA in -Infected Gastric Cancer Cells. <i>BioMed Research International</i> , 2021 , 2021, 6911734	3	1
19	Doxorubicin loaded magnetism nanoparticles based on cyclodextrin dendritic-graphene oxide inhibited MCF-7 cell proliferation. <i>Biomolecular Concepts</i> , 2021 , 12, 8-15	3.7	1
18	Cytotoxicity and apoptosis of nanoparticles on osteosarcoma cells using doxorubicin and methotrexate: A systematic review. <i>European Journal of Pharmacology</i> , 2021 , 904, 174131	5.3	1
17	The Effects of Sterol-Related Signaling Pathways on Glioma. <i>Nutrition and Cancer</i> , 2021 , 1-11	2.8	1
16	Potential anticancer properties and mechanisms of thymoquinone in osteosarcoma and bone metastasis.. <i>Cellular and Molecular Biology Letters</i> , 2022 , 27, 21	8.1	1
15	Quercetin and Methotrexate in Combination have Anticancer Activity in Osteosarcoma Cells and Repress Oncogenic MicroRNA-223.. <i>Drug Research</i> , 2022 , 72, 226-233	1.8	1
14	Severe acute respiratory syndrome and thyroid: A molecular point of view.. <i>Clinical Nutrition ESPEN</i> , 2022 , 48, 1-4	1.3	1
13	From inflammatory bowel disease to colorectal cancer: what's the role of miRNAs?. <i>Cancer Cell International</i> , 2022 , 22, 146	6.4	1
12	DNA repair and damage pathways in mesothelioma development and therapy.. <i>Cancer Cell International</i> , 2022 , 22, 176	6.4	1
11	Melatonin increases 5-fluorouracil-mediated apoptosis of colorectal cancer cells through enhancing oxidative stress and downregulating survivin and XIAP. <i>BiolImpacts</i> , 2021 , 11, 253-261	3.5	0
10	An insight into the roles of piRNAs and PIWI proteins in the diagnosis and pathogenesis of oral, esophageal, and gastric cancer. <i>Pathology Research and Practice</i> , 2020 , 216, 153112	3.4	0
9	Will stem cells from fat and growth factors from blood bring new hope to female patients with reproductive disorders?. <i>Reproductive Biology</i> , 2021 , 21, 100472	2.3	0
8	MiR-622 acts as a tumor suppressor to induce cell apoptosis and inhibit metastasis in human prostate cancer. <i>Andrologia</i> , 2021 , 53, e14174	2.4	0
7	DNA damage response and breast cancer development: Possible therapeutic applications of ATR, ATM, PARP, BRCA1 inhibition. <i>DNA Repair</i> , 2021 , 98, 103032	4.3	0
6	Determination of genetic relationship between environmental Escherichia coli with PFGE and investigation of IS element in bla gene of these isolates. <i>Microbial Pathogenesis</i> , 2021 , 159, 105154	3.8	0
5	Thymoquinone Augments Methotrexate-Induced Apoptosis on Osteosarcoma Cells.. <i>Drug Research</i> , 2022 , 72, 220-225	1.8	0
4	Cardiac fibrosis and curcumin: a novel perspective on this natural medicine. <i>Molecular Biology Reports</i> , 2021 , 48, 7597-7608	2.8	
3	Nanocellulose-based Delivery Systems and Cervical Cancer: Review of the Literature. <i>Current Pharmaceutical Design</i> , 2021 , 27, 4707-4715	3.3	

2 The Effect of TQ and Cis in OS.. *Drug Research*, **2022**, 72, 171-176 1.8

1 DNA damage response and repair in the development and treatment of brain tumors.. *European Journal of Pharmacology*, **2022**, 924, 174957 53