

# Bahman Yousefi

## List of Publications by Year in descending order

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Version: 2024-02-01

233  
papers

9,414  
citations

43973

48  
h-index

60497

81  
g-index

233  
all docs

233  
docs citations

233  
times ranked

13356  
citing authors

#	ARTICLE	IF	CITATIONS
1	Multiple functions of p21 in cell cycle, apoptosis and transcriptional regulation after DNA damage. <i>DNA Repair</i> , 2016, 42, 63-71.	1.3	784
2	Flavonoid biosynthetic pathways in plants: Versatile targets for metabolic engineering. <i>Biotechnology Advances</i> , 2020, 38, 107316.	6.0	307
3	The roles of signaling pathways in bone repair and regeneration. <i>Journal of Cellular Physiology</i> , 2018, 233, 2937-2948.	2.0	290
4	&lt;p&gt;Molecular mechanisms related to colistin resistance in Enterobacteriaceae&lt;/p&gt;. <i>Infection and Drug Resistance</i> , 2019, Volume 12, 965-975.	1.1	211
5	Diabetic retinopathy pathogenesis and the ameliorating effects of melatonin; involvement of autophagy, inflammation and oxidative stress. <i>Life Sciences</i> , 2018, 193, 20-33.	2.0	210
6	A review on anti-cancer properties of Quercetin in breast cancer. <i>Life Sciences</i> , 2020, 248, 117463.	2.0	189
7	RAS/MAPK signaling functions in oxidative stress, DNA damage response and cancer progression. <i>Journal of Cellular Physiology</i> , 2019, 234, 14951-14965.	2.0	188
8	Importance of probiotics in the prevention and treatment of colorectal cancer. <i>Journal of Cellular Physiology</i> , 2019, 234, 17127-17143.	2.0	172
9	Modulating tumor hypoxia by nanomedicine for effective cancer therapy. <i>Journal of Cellular Physiology</i> , 2018, 233, 2019-2031.	2.0	157
10	Chitosan biomaterials application in dentistry. <i>International Journal of Biological Macromolecules</i> , 2020, 162, 956-974.	3.6	143
11	Quercetin: A functional dietary flavonoid with potential chemo&acirc;preventive properties in colorectal cancer. <i>Journal of Cellular Physiology</i> , 2018, 233, 6544-6560.	2.0	135
12	Melatonin: A pleiotropic molecule that modulates <scp>DNA</scp> damage response and repair pathways. <i>Journal of Pineal Research</i> , 2017, 63, e12416.	3.4	132
13	Carbohydrate polymer-based silver nanocomposites: Recent progress in the antimicrobial wound dressings. <i>Carbohydrate Polymers</i> , 2020, 231, 115696.	5.1	124
14	Long non-coding RNAs in cancer drug resistance development. <i>DNA Repair</i> , 2016, 45, 25-33.	1.3	109
15	The role of polyphenols in overcoming cancer drug resistance: a comprehensive review. <i>Cellular and Molecular Biology Letters</i> , 2022, 27, 1.	2.7	104
16	The critical role of <i>Faecalibacterium prausnitzii</i> in human health: An overview. <i>Microbial Pathogenesis</i> , 2020, 149, 104344.	1.3	102
17	The crosstalk between Wnt/ $\beta$ -catenin signaling pathway with DNA damage response and oxidative stress: Implications in cancer therapy. <i>DNA Repair</i> , 2017, 51, 14-19.	1.3	100
18	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.	2.7	99

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19	Overcoming multidrug resistance in cancer: Recent progress in nanotechnology and new horizons. IUBMB Life, 2020, 72, 855-871.	1.5	98
20	The roles of Wnt/ $\beta$ -catenin pathway in tissue development and regenerative medicine. Journal of Cellular Physiology, 2018, 233, 5598-5612.	2.0	95
21	The imbalance of Th17/Treg axis involved in the pathogenesis of preeclampsia. Journal of Cellular Physiology, 2019, 234, 5106-5116.	2.0	91
22	A global treatments for coronaviruses including COVID-19. Journal of Cellular Physiology, 2020, 235, 9133-9142.	2.0	91
23	53BP1: A key player of DNA damage response with critical functions in cancer. DNA Repair, 2019, 73, 110-119.	1.3	89
24	CRISPR/Cas9 technology as a potent molecular tool for gene therapy. Journal of Cellular Physiology, 2019, 234, 12267-12277.	2.0	87
25	&lt;p&gt;How CRISPR-Cas System Could Be Used to Combat Antimicrobial Resistance&lt;/p&gt;. Infection and Drug Resistance, 2020, Volume 13, 1111-1121.	1.1	87
26	The role of melatonin, a multitasking molecule, in retarding the processes of ageing. Ageing Research Reviews, 2018, 47, 198-213.	5.0	84
27	Multiple Functions of Long Non-Coding RNAs in Oxidative Stress, DNA Damage Response and Cancer Progression. Journal of Cellular Biochemistry, 2018, 119, 223-236.	1.2	82
28	Nanocrystalline cellulose: Preparation, physicochemical properties, and applications in drug delivery systems. International Journal of Biological Macromolecules, 2019, 133, 850-859.	3.6	81
29	Metformin; an old antidiabetic drug with new potentials in bone disorders. Biomedicine and Pharmacotherapy, 2019, 109, 1593-1601.	2.5	80
30	An Insight into the Sex Differences in COVID-19 Patients: What are the Possible Causes?. Prehospital and Disaster Medicine, 2020, 35, 438-441.	0.7	80
31	Prostaglandin E2 as a potent therapeutic target for treatment of colon cancer. Prostaglandins and Other Lipid Mediators, 2019, 144, 106338.	1.0	79
32	Microbial balance in the intestinal microbiota and its association with diabetes, obesity and allergic disease. Microbial Pathogenesis, 2019, 127, 48-55.	1.3	79
33	Therapeutic potential of polyphenols in cardiovascular diseases: Regulation of mTOR signaling pathway. Pharmacological Research, 2020, 152, 104626.	3.1	77
34	DNA repair and damage pathways in breast cancer development and therapy. DNA Repair, 2017, 54, 22-29.	1.3	76
35	Biocompatible magnetic tris(2-aminoethyl)amine functionalized nanocrystalline cellulose as a novel nanocarrier for anticancer drug delivery of methotrexate. New Journal of Chemistry, 2017, 41, 2160-2168.	1.4	74
36	Chitosan: A compound for drug delivery system in gastric cancer-a review. Carbohydrate Polymers, 2020, 242, 116403.	5.1	72

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37	DNA damage response regulation by microRNAs as a therapeutic target in cancer. <i>DNA Repair</i> , 2016, 47, 1-11.	1.3	70
38	The multiple functions of melatonin in regenerative medicine. <i>Ageing Research Reviews</i> , 2018, 45, 33-52.	5.0	70
39	MicroRNAs in breast cancer: Roles, functions, and mechanism of actions. <i>Journal of Cellular Physiology</i> , 2020, 235, 5008-5029.	2.0	68
40	Epigenetic changes in gastric cancer induction by <i>Helicobacter pylori</i> . <i>Journal of Cellular Physiology</i> , 2019, 234, 21770-21784.	2.0	66
41	Reversion of Multidrug Resistance by Co-Encapsulation of Doxorubicin and Metformin in Poly(lactide-co-glycolide)-d- $\alpha$ -tocopheryl Polyethylene Glycol 1000 Succinate Nanoparticles. <i>Pharmaceutical Research</i> , 2018, 35, 119.	1.7	64
42	Targeting PI3K/Akt/mTOR signaling pathway by polyphenols: Implication for cancer therapy. <i>Life Sciences</i> , 2020, 255, 117481.	2.0	64
43	Metformin enhances doxorubicin sensitivity via inhibition of doxorubicin efflux in $\beta$ -galactosidase overexpressing MCF7 cells. <i>Chemical Biology and Drug Design</i> , 2018, 91, 269-276.	1.5	63
44	Combination of nanotechnology with vascular targeting agents for effective cancer therapy. <i>Journal of Cellular Physiology</i> , 2018, 233, 2982-2992.	2.0	60
45	DNA damage response and repair in colorectal cancer: Defects, regulation and therapeutic implications. <i>DNA Repair</i> , 2018, 69, 34-52.	1.3	59
46	Breast tumor stroma: A driving force in the development of resistance to therapies. <i>Chemical Biology and Drug Design</i> , 2017, 89, 309-318.	1.5	58
47	Exosomes: natural nanoparticles as bio shuttles for RNAi delivery. <i>Journal of Controlled Release</i> , 2018, 289, 158-170.	4.8	57
48	Anti-angiogenic effects of CD73-specific siRNA-loaded nanoparticles in breast cancer-bearing mice. <i>Journal of Cellular Physiology</i> , 2018, 233, 7165-7177.	2.0	56
49	MiRNAs and inflammatory bowel disease: An interesting new story. <i>Journal of Cellular Physiology</i> , 2019, 234, 3277-3293.	2.0	54
50	Polyphenols: Major regulators of key components of DNA damage response in cancer. <i>DNA Repair</i> , 2019, 82, 102679.	1.3	52
51	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.	1.2	52
52	Natural products, PGC-1, and Duchenne muscular dystrophy. <i>Acta Pharmaceutica Sinica B</i> , 2020, 10, 734-745.	5.7	48
53	Investigation of BAX and BCL2 expression and apoptosis in a resveratrol- and prednisolone-treated human T-ALL cell line, CCRF-CEM. <i>Blood Research</i> , 2018, 53, 53.	0.5	46
54	The roles of signaling pathways in liver repair and regeneration. <i>Journal of Cellular Physiology</i> , 2019, 234, 14966-14974.	2.0	46

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55	Crosstalk between miRNA and PI3K/AKT/mTOR signaling pathway in cancer. <i>Life Sciences</i> , 2021, 285, 119984.	2.0	46
56	Altered Tâ€cell subpopulations in recurrent pregnancy loss patients with cellular immune abnormalities. <i>Journal of Cellular Physiology</i> , 2019, 234, 4924-4933.	2.0	45
57	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.	3.8	45
58	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, 425-432.	1.3	43
59	Akt and p53R2, partners that dictate the progression and invasiveness of cancer. <i>DNA Repair</i> , 2014, 22, 24-29.	1.3	43
60	Inhibition of Survivin Restores the Sensitivity of Breast Cancer Cells to Docetaxel and Vinblastine. <i>Applied Biochemistry and Biotechnology</i> , 2014, 174, 667-681.	1.4	43
61	Ovarian cancer stem cell: A potential therapeutic target for overcoming multidrug resistance. <i>Journal of Cellular Physiology</i> , 2019, 234, 3238-3253.	2.0	43
62	MicroRNAs and colorectal cancer chemoresistance: New solution for old problem. <i>Life Sciences</i> , 2020, 259, 118255.	2.0	42
63	Balaglitazone reverses P-glycoprotein-mediated multidrug resistance via upregulation of PTEN in a PPAR $\beta$ -dependent manner in leukemia cells. <i>Tumor Biology</i> , 2017, 39, 101042831771650.	0.8	41
64	The roles of p53R2 in cancer progression based on the new function of mutant p53 and cytoplasmic p21. <i>Life Sciences</i> , 2014, 99, 14-17.	2.0	40
65	Current information on the association of <i>Helicobacter pylori</i> with autophagy and gastric cancer. <i>Journal of Cellular Physiology</i> , 2019, 234, 14800-14811.	2.0	39
66	Potential antigen candidates for subunit vaccine development against <i>Helicobacter pylori</i> infection. <i>Journal of Cellular Physiology</i> , 2019, 234, 21460-21470.	2.0	38
67	&lt;p&gt;Needle-shaped amphoteric calix[4]arene as a magnetic nanocarrier for simultaneous delivery of anticancer drugs to the breast cancer cells&lt;/p&gt;. <i>International Journal of Nanomedicine</i> , 2019, Volume 14, 2619-2636.	3.3	38
68	Critical roles of long noncoding RNAs in breast cancer. <i>Journal of Cellular Physiology</i> , 2020, 235, 5059-5071.	2.0	38
69	Inhibition of MEK/ERK1/2 Signaling Affects the Fatty Acid Composition of HepG2 Human Hepatic Cell Line. <i>BiolImpacts</i> , 2012, 2, 145-50.	0.7	38
70	S1PR1 as a Novel Promising Therapeutic Target in Cancer Therapy. <i>Molecular Diagnosis and Therapy</i> , 2019, 23, 467-487.	1.6	37
71	&lt;p&gt;Fabrication and characterization of a titanium dioxide (TiO $_2$ ) nanoparticles reinforced bio-nanocomposite containing &lt;em&gt;Miswak&lt;/em&gt; (&lt;em&gt;Salvadora persica&lt;/em&gt; L.) extract â€“ the antimicrobial, thermo-physical and barrier properties&lt;/p&gt;. <i>International Journal of Nanomedicine</i> , 2019, Volume 14, 3439-3454.	3.3	36
72	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.	2.0	36

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73	Reduced ABCB1 Expression and Activity in the Presence of Acrylic Copolymers. <i>Advanced Pharmaceutical Bulletin</i> , 2014, 4, 219-24.	0.6	36
74	Anti-Proliferative Properties of Cornus mass Fruit in Different Human Cancer Cells. <i>Asian Pacific Journal of Cancer Prevention</i> , 2015, 16, 5727-5731.	0.5	36
75	New insights into antidiabetic drugs: Possible applications in cancer treatment. <i>Chemical Biology and Drug Design</i> , 2017, 90, 1056-1066.	1.5	35
76	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.	1.5	34
77	Downregulation of Notch Signaling Pathway as an Effective Chemosensitizer for Cancer Treatment. <i>Drug Research</i> , 2016, 66, 571-579.	0.7	34
78	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.	1.0	34
79	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.	0.9	34
80	Regulatory T cells in breast cancer as a potent anti-cancer therapeutic target. <i>International Immunopharmacology</i> , 2020, 78, 106087.	1.7	33
81	Immunological and oxidative stress biomarkers in Ankylosing Spondylitis patients with or without metabolic syndrome. <i>Cytokine</i> , 2020, 128, 155002.	1.4	33
82	The role of leukotrienes in immunopathogenesis of rheumatoid arthritis. <i>Modern Rheumatology</i> , 2014, 24, 225-235.	0.9	31
83	Troloxerutin Preconditioning and Ischemic Postconditioning Modulate Inflammatory Response after Myocardial Ischemia/Reperfusion Injury in Rat Model. <i>Inflammation</i> , 2017, 40, 136-143.	1.7	31
84	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.	2.0	31
85	Graphene oxide and reduced graphene oxide: Efficient cargo platforms for cancer theranostics. <i>Journal of Drug Delivery Science and Technology</i> , 2020, 60, 101974.	1.4	31
86	Silencing of p68 and STAT3 synergistically diminishes cancer progression. <i>Life Sciences</i> , 2020, 249, 117499.	2.0	31
87	Serum Arsenic and Lipid Peroxidation Levels in Patients with Multiple Sclerosis. <i>Biological Trace Element Research</i> , 2014, 158, 276-279.	1.9	30
88	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.	0.9	30
89	Cross-regulation between Notch signaling pathway and miRNA machinery in cancer. <i>DNA Repair</i> , 2018, 66-67, 30-41.	1.3	30
90	DNA damage response and repair in ovarian cancer: Potential targets for therapeutic strategies. <i>DNA Repair</i> , 2019, 80, 59-84.	1.3	30

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91	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.	1.4	30
92	In vitro and in vivo anticancer effects of syringic acid on colorectal cancer: Possible mechanistic view. <i>Chemico-Biological Interactions</i> , 2021, 337, 109337.	1.7	30
93	Graphene Oxide: A Promising Material for Regenerative Medicine and Tissue Engineering. <i>Biomolecular Concepts</i> , 2020, 11, 182-200.	1.0	30
94	Involvement of Glycogen Synthase Kinase-3 $\beta$ and Oxidation Status in the Loss of Cardioprotection by Postconditioning in Chronic Diabetic Male Rats. <i>Advanced Pharmaceutical Bulletin</i> , 2015, 5, 321-327.	0.6	30
95	Quercetin: an effective polyphenol in alleviating diabetes and diabetic complications. <i>Critical Reviews in Food Science and Nutrition</i> , 2023, 63, 9163-9186.	5.4	30
96	Targeting miRNAs by polyphenols: Novel therapeutic strategy for aging. <i>Biochemical Pharmacology</i> , 2020, 173, 113688.	2.0	29
97	Stabilization of telomere by the antioxidant property of polyphenols: Anti-aging potential. <i>Life Sciences</i> , 2020, 259, 118341.	2.0	29
98	Anti-tumor activities of probiotics in cervical cancer. <i>Journal of Ovarian Research</i> , 2020, 13, 68.	1.3	29
99	CRISPR/Cas9 gene editing: a new approach for overcoming drug resistance in cancer. <i>Cellular and Molecular Biology Letters</i> , 2022, 27, .	2.7	29
100	Melatonin: An important anticancer agent in colorectal cancer. <i>Journal of Cellular Physiology</i> , 2020, 235, 804-817.	2.0	28
101	Apoptotic functions of microRNAs in pathogenesis, diagnosis, and treatment of endometriosis. <i>Cell and Bioscience</i> , 2020, 10, 12.	2.1	28
102	Chitosan applications in studying and managing osteosarcoma. <i>International Journal of Biological Macromolecules</i> , 2021, 169, 321-329.	3.6	28
103	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, 6463-6468.	0.5	28
104	The roles of FGF21 in atherosclerosis pathogenesis. <i>Reviews in Endocrine and Metabolic Disorders</i> , 2019, 20, 103-114.	2.6	27
105	Is it true that gut microbiota is considered as panacea in cancer therapy?. <i>Journal of Cellular Physiology</i> , 2019, 234, 14941-14950.	2.0	27
106	MicroRNAs, DNA damage response and ageing. <i>Biogerontology</i> , 2020, 21, 275-291.	2.0	27
107	Diosgenin-induced protection against myocardial ischaemia-reperfusion injury is mediated by mitochondrial K <sup>+</sup> channels in a rat model. <i>Perfusion (United Kingdom)</i> , 2015, 30, 565-571.	0.5	26
108	Dysregulated microRNAs in colorectal carcinogenesis: New insight to cell survival and apoptosis regulation. <i>Journal of Cellular Physiology</i> , 2019, 234, 21683-21693.	2.0	26

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109	Targeting STATs in neuroinflammation: The road less traveled!. <i>Pharmacological Research</i> , 2019, 141, 73-84.	3.1	26
110	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.	3.6	26
111	Curcumin anti-tumor effects on endometrial cancer with focus on its molecular targets. <i>Cancer Cell International</i> , 2021, 21, 120.	1.8	26
112	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.	1.3	25
113	Suppression of p53R2 gene expression with specific siRNA sensitizes HepG2 cells to doxorubicin. <i>Gene</i> , 2018, 642, 249-255.	1.0	25
114	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.	2.2	25
115	The effects of Ramadan fasting on endothelial function in patients with cardiovascular diseases. <i>European Journal of Clinical Nutrition</i> , 2014, 68, 835-839.	1.3	24
116	Cytotoxic and Apoptotic Activities of Methanolic Subfractions of <i>Scrophularia oxyspala</i> against Human Breast Cancer Cell Line. <i>Evidence-based Complementary and Alternative Medicine</i> , 2016, 2016, 1-10.	0.5	24
117	Crosstalk between P53 and DNA damage response in ageing. <i>DNA Repair</i> , 2019, 80, 8-15.	1.3	24
118	The importance of miRNAs and epigenetics in acute lymphoblastic leukemia prognosis. <i>Journal of Cellular Physiology</i> , 2019, 234, 3216-3230.	2.0	24
119	CRISPR/Cas9 novel therapeutic road for the treatment of neurodegenerative diseases. <i>Life Sciences</i> , 2020, 259, 118165.	2.0	24
120	Targeting vasculogenic mimicry by phytochemicals: A potential opportunity for cancer therapy. <i>IUBMB Life</i> , 2020, 72, 825-841.	1.5	24
121	Targeting of oncogenic signaling pathways by berberine for treatment of colorectal cancer. <i>Medical Oncology</i> , 2020, 37, 49.	1.2	24
122	Oral spirochetes: Pathogenic mechanisms in periodontal disease. <i>Microbial Pathogenesis</i> , 2020, 144, 104193.	1.3	24
123	DNA damage response and repair in osteosarcoma: Defects, regulation and therapeutic implications. <i>DNA Repair</i> , 2021, 102, 103105.	1.3	24
124	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.	1.0	23
125	Co-inhibition of Notch and NF- $\kappa$ B Signaling Pathway Decreases Proliferation through Downregulating $\beta$ -catenin and Hes-1 Expression in Human Ovarian Cancer OVCA9-3 Cells. <i>Drug Research</i> , 2017, 67, 13-19.	0.7	23
126	Smac mimetics as novel promising modulators of apoptosis in the treatment of breast cancer. <i>Journal of Cellular Biochemistry</i> , 2019, 120, 9300-9314.	1.2	23



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127	Signaling pathways involved in cell cycle arrest during the DNA breaks. <i>DNA Repair</i> , 2021, 98, 103047.	1.3	23
128	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.	1.0	23
129	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.	0.3	23
130	PPAR $\beta$ agonist-induced alterations in $\delta^6$ -desaturase and stearoyl-CoA desaturase 1: Role of MEK/ERK1/2 pathway. <i>World Journal of Hepatology</i> , 2013, 5, 220.	0.8	22
131	miR-192 enhances sensitivity of methotrexate drug to MG-63 osteosarcoma cancer cells. <i>Pathology Research and Practice</i> , 2020, 216, 153176.	1.0	21
132	Thymol, cardamom and <i>Lactobacillus plantarum</i> nanoparticles as a functional candy with high protection against <i>Streptococcus mutans</i> and tooth decay. <i>Microbial Pathogenesis</i> , 2020, 148, 104481.	1.3	21
133	Targeting microRNAs with thymoquinone: a new approach for cancer therapy. <i>Cellular and Molecular Biology Letters</i> , 2021, 26, 43.	2.7	21
134	Potential anticancer properties and mechanisms of thymoquinone in osteosarcoma and bone metastasis. <i>Cellular and Molecular Biology Letters</i> , 2022, 27, 21.	2.7	21
135	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.	1.2	20
136	Anti-cancer properties of quercetin in osteosarcoma. <i>Cancer Cell International</i> , 2021, 21, 349.	1.8	20
137	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.	0.6	20
138	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.	1.2	19
139	HPV vaccinations: a Middle Eastern and north African dilemma. <i>Lancet Infectious Diseases</i> , The, 2017, 17, 18-19.	4.6	18
140	Current approaches for the treatment of male infertility with stem cell therapy. <i>Journal of Cellular Physiology</i> , 2018, 233, 6455-6469.	2.0	18
141	Toll-like receptors as novel therapeutic targets for herpes simplex virus infection. <i>Reviews in Medical Virology</i> , 2019, 29, e2048.	3.9	18
142	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.	1.3	18
143	<p>Proteomic Applications in Antimicrobial Resistance and Clinical Microbiology Studies</p>. <i>Infection and Drug Resistance</i> , 2020, Volume 13, 1785-1806.	1.1	18
144	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.	0.3	18

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145	Melatonin: An atypical hormone with major functions in the regulation of angiogenesis. <i>IUBMB Life</i> , 2020, 72, 1560-1584.	1.5	17
146	Melatonin-mediated regulation of autophagy: Making sense of double-edged sword in cancer. <i>Journal of Cellular Physiology</i> , 2019, 234, 17011-17022.	2.0	16
147	Circular RNAs: new genetic tools in melanoma. <i>Biomarkers in Medicine</i> , 2020, 14, 563-571.	0.6	16
148	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.	3.6	16
149	Current Advances in DNA Methylation Analysis Methods. <i>BioMed Research International</i> , 2021, 2021, 1-9.	0.9	16
150	Targeting Wnt/ $\beta$ -catenin signaling by microRNAs as a therapeutic approach in chemoresistant osteosarcoma. <i>Biochemical Pharmacology</i> , 2021, 193, 114758.	2.0	16
151	Protective effect of pioglitazone on morphine-induced neuroinflammation in the rat lumbar spinal cord. <i>Journal of Biomedical Science</i> , 2015, 22, 82.	2.6	15
152	TIGIT and CD155 as Immune-Modulator Receptor and Ligand on CD4 <sup>+</sup> T cells in Preeclampsia Patients. <i>Immunological Investigations</i> , 2022, 51, 1023-1038.	1.0	15
153	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.	1.3	15
154	Molecular mechanisms involved in DNA repair in human cancers: An overview of PI3k/Akt signaling and PIKKs crosstalk. <i>Journal of Cellular Physiology</i> , 2022, 237, 313-328.	2.0	15
155	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, 578-582.	0.7	14
156	Modulation of telomerase expression and function by miRNAs: Anti-cancer potential. <i>Life Sciences</i> , 2020, 259, 118387.	2.0	14
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