

Milad Ashrafizadeh

List of Publications by Year in Descending Order

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

178
papers

3,852
citations

32
h-index

51
g-index

195
ext. papers

7,039
ext. citations

6.1
avg, IF

6.45
L-index

#	Paper	IF	Citations
178	AMPK signaling in diabetes mellitus, insulin resistance and diabetic complications: A pre-clinical and clinical investigation.. <i>Biomedicine and Pharmacotherapy</i> , 2022 , 146, 112563	7.5	9
177	Folic Acid-Adorned Curcumin-Loaded Iron Oxide Nanoparticles for Cervical Cancer.. <i>ACS Applied Bio Materials</i> , 2022 ,	4.1	12
176	Exosomes as Promising Nanostructures in Diabetes Mellitus: From Insulin Sensitivity to Ameliorating Diabetic Complications.. <i>International Journal of Nanomedicine</i> , 2022 , 17, 1229-1253	7.3	1
175	Targeting autophagy in prostate cancer: preclinical and clinical evidence for therapeutic response.. <i>Journal of Experimental and Clinical Cancer Research</i> , 2022 , 41, 105	12.8	6
174	The long and short non-coding RNAs modulating EZH2 signaling in cancer.. <i>Journal of Hematology and Oncology</i> , 2022 , 15, 18	22.4	12
173	Doxorubicin-loaded graphene oxide nanocomposites in cancer medicine: Stimuli-responsive carriers, co-delivery and suppressing resistance.. <i>Expert Opinion on Drug Delivery</i> , 2022 ,	8	5
172	Non-coding RNAs and macrophage interaction in tumor progression.. <i>Critical Reviews in Oncology/Hematology</i> , 2022 , 103680	7	3
171	The association of clinicopathological characterizations of colorectal cancer with membrane-bound mucins genes and LncRNAs.. <i>Pathology Research and Practice</i> , 2022 , 233, 153883	3.4	2
170	Transforming growth factor-beta (TGF- β) in prostate cancer: A dual function mediator?. <i>International Journal of Biological Macromolecules</i> , 2022 , 206, 435-452	7.9	4
169	Bioactive hybrid metal-organic framework (MOF)-based nanosensors for optical detection of recombinant SARS-CoV-2 spike antigen.. <i>Science of the Total Environment</i> , 2022 , 153902	10.2	2
168	Bioengineering of green-synthesized silver nanoparticles: In vitro physicochemical, antibacterial, biofilm inhibitory, anticoagulant, and antioxidant performance.. <i>Talanta</i> , 2022 , 243, 123374	6.2	7
167	Long non-coding RNAs and exosomal lncRNAs: Potential functions in lung cancer progression, drug resistance and tumor microenvironment remodeling.. <i>Biomedicine and Pharmacotherapy</i> , 2022 , 150, 112963	7.5	2
166	Pre-Clinical and Clinical Applications of Small Interfering RNAs (siRNA) and Co-Delivery Systems for Pancreatic Cancer Therapy.. <i>Cells</i> , 2021 , 10,	7.9	3
165	Wnt/ β Catenin Signaling as a Driver of Hepatocellular Carcinoma Progression: An Emphasis on Molecular Pathways. <i>Journal of Hepatocellular Carcinoma</i> , 2021 , 8, 1415-1444	5.3	9
164	Mesoporous Bioactive Glasses in Cancer Diagnosis and Therapy: Stimuli-Responsive, Toxicity, Immunogenicity, and Clinical Translation. <i>Advanced Science</i> , 2021 , e2102678	13.6	12
163	The Effects of Ginsenosides on the Nrf2 Signaling Pathway.. <i>Advances in Experimental Medicine and Biology</i> , 2021 , 1328, 307-322	3.6	1
162	Naturally Occurring SGLT2 Inhibitors: A Review.. <i>Advances in Experimental Medicine and Biology</i> , 2021 , 1328, 523-530	3.6	0

161	Antitumor and Protective Effects of Melatonin: The Potential Roles of MicroRNAs.. <i>Advances in Experimental Medicine and Biology</i> , 2021 , 1328, 463-471	3.6	2
160	EZH2 as a new therapeutic target in brain tumors: Molecular landscape, therapeutic targeting and future prospects.. <i>Biomedicine and Pharmacotherapy</i> , 2021 , 146, 112532	7.5	0
159	Targeted regulation of autophagy using nanoparticles: New insight into cancer therapy.. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2021 , 1868, 166326	6.9	6
158	Suberosin Attenuates the Proliferation of MCF-7 Breast Cancer Cells in Combination with Radiotherapy or Hyperthermia. <i>Current Drug Research Reviews</i> , 2021 , 13, 148-153	2	6
157	Quercetin in Attenuation of Ischemic/Reperfusion Injury: A Review. <i>Current Molecular Pharmacology</i> , 2021 , 14, 537-558	3.7	6
156	Curcumin and its derivatives in cancer therapy: Potentiating antitumor activity of cisplatin and reducing side effects. <i>Phytotherapy Research</i> , 2021 ,	6.7	14
155	Advances in understanding the role of P-gp in doxorubicin resistance: Molecular pathways, therapeutic strategies, and prospects. <i>Drug Discovery Today</i> , 2021 , 27, 436-436	8.8	13
154	Cervical cancer progression is regulated by SOX transcription factors: Revealing signaling networks and therapeutic strategies. <i>Biomedicine and Pharmacotherapy</i> , 2021 , 144, 112335	7.5	5
153	Targeting Cancer Stem Cells by Dietary Agents: An Important Therapeutic Strategy against Human Malignancies. <i>International Journal of Molecular Sciences</i> , 2021 , 22,	6.3	2
152	Gene regulation by antisense transcription: A focus on neurological and cancer diseases. <i>Biomedicine and Pharmacotherapy</i> , 2021 , 145, 112265	7.5	7
151	Quercetin and Its Nano-Scale Delivery Systems in Prostate Cancer Therapy: Paving the Way for Cancer Elimination and Reversing Chemoresistance. <i>Cancers</i> , 2021 , 13,	6.6	12
150	Anti-Inflammatory Activity of Melatonin: a Focus on the Role of NLRP3 Inflammasome. <i>Inflammation</i> , 2021 , 44, 1207-1222	5.1	13
149	Injectable hyaluronic acid-based antibacterial hydrogel adorned with biogenically synthesized AgNPs-decorated multi-walled carbon nanotubes. <i>Progress in Biomaterials</i> , 2021 , 10, 77-89	4.4	6
148	New Insight into Triple-Negative Breast Cancer Therapy: The Potential Roles of Endoplasmic Reticulum Stress and Autophagy Mechanisms. <i>Anti-Cancer Agents in Medicinal Chemistry</i> , 2021 , 21, 679-697	6.7	3
147	The role of microRNA-338-3p in cancer: growth, invasion, chemoresistance, and mediators. <i>Life Sciences</i> , 2021 , 268, 119005	6.8	29
146	Resveratrol Induces Apoptosis and Attenuates Proliferation of MCF-7 Cells in Combination with Radiation and Hyperthermia. <i>Current Molecular Medicine</i> , 2021 , 21, 142-150	2.5	13
145	Curcumin and cardiovascular diseases: Focus on cellular targets and cascades. <i>Biomedicine and Pharmacotherapy</i> , 2021 , 136, 111214	7.5	21
144	Elucidating Role of Reactive Oxygen Species (ROS) in Cisplatin Chemotherapy: A Focus on Molecular Pathways and Possible Therapeutic Strategies. <i>Molecules</i> , 2021 , 26,	4.8	25

143	Dual relationship between long non-coding RNAs and STAT3 signaling in different cancers: New insight to proliferation and metastasis. <i>Life Sciences</i> , 2021 , 270, 119006	6.8	24
142	A review on chemistry, source and therapeutic potential of lambertianic acid. <i>Zeitschrift Fur Naturforschung - Section C Journal of Biosciences</i> , 2021 , 76, 347-356	1.7	1
141	Biomedical application of chitosan-based nanoscale delivery systems: Potential usefulness in siRNA delivery for cancer therapy. <i>Carbohydrate Polymers</i> , 2021 , 260, 117809	10.3	42
140	Roles of Nrf2 in Gastric Cancer: Targeting for Therapeutic Strategies. <i>Molecules</i> , 2021 , 26,	4.8	4
139	Astaxanthin and Nrf2 signaling pathway: a novel target for new therapeutic approaches. <i>Mini-Reviews in Medicinal Chemistry</i> , 2021 ,	3.2	3
138	Nrf2 signaling pathway in cisplatin chemotherapy: Potential involvement in organ protection and chemoresistance. <i>Pharmacological Research</i> , 2021 , 167, 105575	10.2	35
137	Small interfering RNA (siRNA) to target genes and molecular pathways in glioblastoma therapy: Current status with an emphasis on delivery systems. <i>Life Sciences</i> , 2021 , 275, 119368	6.8	25
136	Flavonoids against the SARS-CoV-2 induced inflammatory storm. <i>Biomedicine and Pharmacotherapy</i> , 2021 , 138, 111430	7.5	46
135	Protective Effect of Resveratrol against Glioblastoma: A Review. <i>Anti-Cancer Agents in Medicinal Chemistry</i> , 2021 , 21, 1216-1227	2.2	3
134	Long non-coding RNAs in the doxorubicin resistance of cancer cells. <i>Cancer Letters</i> , 2021 , 508, 104-114	9.9	42
133	The role of SOX family transcription factors in gastric cancer. <i>International Journal of Biological Macromolecules</i> , 2021 , 180, 608-624	7.9	18
132	Self-assembled peptide and protein nanostructures for anti-cancer therapy: Targeted delivery, stimuli-responsive devices and immunotherapy. <i>Nano Today</i> , 2021 , 38,	17.9	36
131	Employing siRNA tool and its delivery platforms in suppressing cisplatin resistance: Approaching to a new era of cancer chemotherapy. <i>Life Sciences</i> , 2021 , 277, 119430	6.8	29
130	Recent advances and future directions in anti-tumor activity of cryptotanshinone: A mechanistic review. <i>Phytotherapy Research</i> , 2021 , 35, 155-179	6.7	7
129	Venom peptides in cancer therapy: An updated review on cellular and molecular aspects. <i>Pharmacological Research</i> , 2021 , 164, 105327	10.2	3
128	Lung cancer cells and their sensitivity/resistance to cisplatin chemotherapy: Role of microRNAs and upstream mediators. <i>Cellular Signalling</i> , 2021 , 78, 109871	4.9	32
127	Curcumin and inflammatory bowel diseases: From in vitro studies to clinical trials. <i>Molecular Immunology</i> , 2021 , 130, 20-30	4.3	19
126	MicroRNA-mediated autophagy regulation in cancer therapy: The role in chemoresistance/chemosensitivity. <i>European Journal of Pharmacology</i> , 2021 , 892, 173660	5.3	23

125	Functionalization of polymers and nanomaterials for water treatment, food packaging, textile and biomedical applications: a review. <i>Environmental Chemistry Letters</i> , 2021 , 19, 583-611	13.3	52
124	Artemisia Species as a New Candidate for Diabetes Therapy: A Comprehensive Review. <i>Current Molecular Medicine</i> , 2021 , 21, 832-849	2.5	1
123	Flavonoids Targeting HIF-1: Implications on Cancer Metabolism. <i>Cancers</i> , 2021 , 13,	6.6	16
122	Paving the Road Toward Exploiting the Therapeutic Effects of Ginsenosides: An Emphasis on Autophagy and Endoplasmic Reticulum Stress. <i>Advances in Experimental Medicine and Biology</i> , 2021 , 1308, 137-160	3.6	3
121	Pre-clinical investigation of STAT3 pathway in bladder cancer: Paving the way for clinical translation. <i>Biomedicine and Pharmacotherapy</i> , 2021 , 133, 111077	7.5	10
120	MicroRNAs regulating SOX2 in cancer progression and therapy response. <i>Expert Reviews in Molecular Medicine</i> , 2021 , 23, e13	6.7	2
119	Anti-tumor activity of resveratrol against gastric cancer: a review of recent advances with an emphasis on molecular pathways. <i>Cancer Cell International</i> , 2021 , 21, 66	6.4	21
118	A bioengineering method for modeling alveolar Rhabdomyosarcoma and assessing chemotherapy responses. <i>MethodsX</i> , 2021 , 8, 101473	1.9	5
117	Crosstalk of Long Non-coding RNAs and EMT: Searching the Missing Pieces of an Incomplete Puzzle for Lung Cancer Therapy. <i>Current Cancer Drug Targets</i> , 2021 , 21, 640-665	2.8	3
116	Small in Size, but Large in Action: microRNAs as Potential Modulators of PTEN in Breast and Lung Cancers. <i>Biomolecules</i> , 2021 , 11,	5.9	17
115	Drug Delivery (Nano)Platforms for Oral and Dental Applications: Tissue Regeneration, Infection Control, and Cancer Management. <i>Advanced Science</i> , 2021 , 8, 2004014	13.6	36
114	Pyrazole-based analogs as potential antibacterial agents against methicillin-resistance staphylococcus aureus (MRSA) and its SAR elucidation. <i>European Journal of Medicinal Chemistry</i> , 2021 , 212, 113134	6.8	31
113	Nrf2 Signaling Pathway in Chemoprotection and Doxorubicin Resistance: Potential Application in Drug Discovery. <i>Antioxidants</i> , 2021 , 10,	7.1	25
112	Curcumin Efficacy in a Serum/glucose Deprivation-induced Neuronal PC12 Injury Model. <i>Current Molecular Pharmacology</i> , 2021 ,	3.7	6
111	Biological and Therapeutic Effects of Troxerutin: Molecular Signaling Pathways Come into View. <i>Journal of Pharmacopuncture</i> , 2021 , 24, 1-13	1.6	4
110	Regulation of Nuclear Factor-KappaB (NF- κ B) signaling pathway by non-coding RNAs in cancer: Inhibiting or promoting carcinogenesis?. <i>Cancer Letters</i> , 2021 , 509, 63-80	9.9	54
109	Interplay between SOX9 transcription factor and microRNAs in cancer. <i>International Journal of Biological Macromolecules</i> , 2021 , 183, 681-694	7.9	19
108	Therapeutic potential of AMPK signaling targeting in lung cancer: Advances, challenges and future prospects. <i>Life Sciences</i> , 2021 , 278, 119649	6.8	13

107	New insight towards development of paclitaxel and docetaxel resistance in cancer cells: EMT as a novel molecular mechanism and therapeutic possibilities. <i>Biomedicine and Pharmacotherapy</i> , 2021 , 141, 111824	7.5	17
106	Caffeic acid and its derivatives as potential modulators of oncogenic molecular pathways: New hope in the fight against cancer. <i>Pharmacological Research</i> , 2021 , 171, 105759	10.2	19
105	Long non-coding RNAs as new players in bladder cancer: Lessons from pre-clinical and clinical studies. <i>Life Sciences</i> , 2021 , 288, 119948	6.8	10
104	In response to "Comment on "Regulation of Nuclear Factor-KappaB (NF- κ B) signaling pathway by non-coding RNAs in cancer: Inhibiting or promoting carcinogenesis?" Cancer Lett. 2021 May 2; 509 (2021) 63-80". <i>Cancer Letters</i> , 2021 , 516, 36-37	9.9	1
103	Antimicrobial peptides as potential therapeutics for breast cancer. <i>Pharmacological Research</i> , 2021 , 171, 105777	10.2	3
102	Long noncoding RNAs: A novel insight in the leukemogenesis and drug resistance in acute myeloid leukemia. <i>Journal of Cellular Physiology</i> , 2021 ,	7	7
101	A review study on the modulation of SIRT1 expression by miRNAs in aging and age-associated diseases. <i>International Journal of Biological Macromolecules</i> , 2021 , 188, 52-61	7.9	5
100	The involvement of epithelial-to-mesenchymal transition in doxorubicin resistance: Possible molecular targets. <i>European Journal of Pharmacology</i> , 2021 , 908, 174344	5.3	2
99	Benzimidazole analogues as efficient arsenals in war against methicillin-resistance staphylococcus aureus (MRSA) and its SAR studies. <i>Bioorganic Chemistry</i> , 2021 , 115, 105175	5.1	10
98	Hyaluronic acid-based nanoplatfoms for Doxorubicin: A review of stimuli-responsive carriers, co-delivery and resistance suppression. <i>Carbohydrate Polymers</i> , 2021 , 272, 118491	10.3	25
97	Revealing the role of miRNA-489 as a new onco-suppressor factor in different cancers based on pre-clinical and clinical evidence. <i>International Journal of Biological Macromolecules</i> , 2021 , 191, 727-737	7.9	10
96	Gallic acid for cancer therapy: Molecular mechanisms and boosting efficacy by nanosopical delivery. <i>Food and Chemical Toxicology</i> , 2021 , 157, 112576	4.7	12
95	C-Myc Signaling Pathway in Treatment and Prevention of Brain Tumors. <i>Current Cancer Drug Targets</i> , 2021 , 21, 2-20	2.8	4
94	Guidelines for the use and interpretation of assays for monitoring autophagy (4th edition). <i>Autophagy</i> , 2021 , 17, 1-382	10.2	440
93	Role of Tumor Microenvironment in Cancer Stem Cells Resistance to Radiotherapy.. <i>Current Cancer Drug Targets</i> , 2021 ,	2.8	4
92	Autophagy regulation using luteolin: new insight into its anti-tumor activity. <i>Cancer Cell International</i> , 2020 , 20, 537	6.4	13
91	Nobiletin in Cancer Therapy: How This Plant Derived-Natural Compound Targets Various Oncogene and Onco-Suppressor Pathways. <i>Biomedicines</i> , 2020 , 8,	4.8	24
90	The particle size of drug nanocarriers dictates the fate of neurons; critical points in neurological therapeutics. <i>Nanotechnology</i> , 2020 , 31, 335101	3.4	3

89	Resveratrol targeting tau proteins, amyloid-beta aggregations, and their adverse effects: An updated review. <i>Phytotherapy Research</i> , 2020 , 34, 2867-2888	6.7	7
88	PTEN: What we know of the function and regulation of this onco-suppressor factor in bladder cancer?. <i>European Journal of Pharmacology</i> , 2020 , 881, 173226	5.3	18
87	Dual role of quercetin in enhancing the efficacy of cisplatin in chemotherapy and protection against its side effects: a review. <i>Archives of Physiology and Biochemistry</i> , 2020 , 1-15	2.2	13
86	Paper-Based Cell Culture: Paving the Pathway for Liver Tissue Model Development on a Cellulose Paper Chip.. <i>ACS Applied Bio Materials</i> , 2020 , 3, 3956-3974	4.1	8
85	Graphene as a promising multifunctional nanoplatform for glioblastoma theranostic applications. <i>FlatChem</i> , 2020 , 22, 100173	5.1	8
84	PD-1/PD-L1 axis regulation in cancer therapy: The role of long non-coding RNAs and microRNAs. <i>Life Sciences</i> , 2020 , 256, 117899	6.8	18
83	Association of the Epithelial-Mesenchymal Transition (EMT) with Cisplatin Resistance. <i>International Journal of Molecular Sciences</i> , 2020 , 21,	6.3	73
82	Abscopal effect in radioimmunotherapy. <i>International Immunopharmacology</i> , 2020 , 85, 106663	5.8	29
81	STAT3 Pathway in Gastric Cancer: Signaling, Therapeutic Targeting and Future Prospects. <i>Biology</i> , 2020 , 9,	4.9	28
80	Versatile role of curcumin and its derivatives in lung cancer therapy. <i>Journal of Cellular Physiology</i> , 2020 , 235, 9241-9268	7	41
79	MicroRNAs in cancer therapy: Their involvement in oxaliplatin sensitivity/resistance of cancer cells with a focus on colorectal cancer. <i>Life Sciences</i> , 2020 , 256, 117973	6.8	15
78	Targeting of cellular redox metabolism for mitigation of radiation injury. <i>Life Sciences</i> , 2020 , 250, 117570	6.8	25
77	Potential therapeutic effects of curcumin mediated by JAK/STAT signaling pathway: A review. <i>Phytotherapy Research</i> , 2020 , 34, 1745-1760	6.7	32
76	Wnt-regulating microRNAs role in gastric cancer malignancy. <i>Life Sciences</i> , 2020 , 250, 117547	6.8	12
75	Nanotechnological Strategies for Osteoarthritis Diagnosis, Monitoring, Clinical Management, and Regenerative Medicine: Recent Advances and Future Opportunities. <i>Current Rheumatology Reports</i> , 2020 , 22, 12	4.9	23
74	Biofabricated Nanostructures and Their Composites in Regenerative Medicine. <i>ACS Applied Nano Materials</i> , 2020 , 3, 6210-6238	5.6	24
73	Damage-associated molecular patterns in tumor radiotherapy. <i>International Immunopharmacology</i> , 2020 , 86, 106761	5.8	25
72	Curcumin and blood lipid levels: an updated systematic review and meta-analysis of randomised clinical trials. <i>Archives of Physiology and Biochemistry</i> , 2020 , 1-10	2.2	3

71	Flaming the fight against cancer cells: the role of microRNA-93. <i>Cancer Cell International</i> , 2020 , 20, 277	6.4	5
70	Curcumin in cancer therapy: A novel adjunct for combination chemotherapy with paclitaxel and alleviation of its adverse effects. <i>Life Sciences</i> , 2020 , 256, 117984	6.8	41
69	Functionalization of Polymers and Nanomaterials for Biomedical Applications: Antimicrobial Platforms and Drug Carriers. <i>Prosthesis</i> , 2020 , 2, 117-139	4.7	22
68	In vivo gene delivery mediated by non-viral vectors for cancer therapy. <i>Journal of Controlled Release</i> , 2020 , 325, 249-275	11.7	74
67	Mitigation of radiation-induced hematopoietic system injury by melatonin. <i>Environmental Toxicology</i> , 2020 , 35, 815-821	4.2	8
66	Curcumin Delivery Mediated by Bio-Based Nanoparticles: A Review. <i>Molecules</i> , 2020 , 25,	4.8	92
65	Carbon dots as versatile nanoarchitectures for the treatment of neurological disorders and their theranostic applications: A review. <i>Advances in Colloid and Interface Science</i> , 2020 , 278, 102123	14.3	68
64	Where ferroptosis inhibitors and paraquat detoxification mechanisms intersect, exploring possible treatment strategies. <i>Toxicology</i> , 2020 , 433-434, 152407	4.4	8
63	MicroRNAs as novel targets of sulforaphane in cancer therapy: The beginning of a new tale?. <i>Phytotherapy Research</i> , 2020 , 34, 721-728	6.7	11
62	Curcumin Activates the Nrf2 Pathway and Induces Cellular Protection Against Oxidative Injury. <i>Current Molecular Medicine</i> , 2020 , 20, 116-133	2.5	49
61	Nano-soldiers Ameliorate Silibinin Delivery: A Review Study. <i>Current Drug Delivery</i> , 2020 , 17, 15-22	3.2	12
60	MicroRNA-mediated regulation of Nrf2 signaling pathway: Implications in disease therapy and protection against oxidative stress. <i>Life Sciences</i> , 2020 , 244, 117329	6.8	28
59	Multifunctional Polymeric Nanoplatfoms for Brain Diseases Diagnosis, Therapy and Theranostics. <i>Biomedicines</i> , 2020 , 8,	4.8	48
58	Recent Advances in Natural Gum-Based Biomaterials for Tissue Engineering and Regenerative Medicine: A Review. <i>Polymers</i> , 2020 , 12,	4.5	67
57	Tangeretin: a mechanistic review of its pharmacological and therapeutic effects. <i>Journal of Basic and Clinical Physiology and Pharmacology</i> , 2020 , 31,	1.6	23
56	Curcumin Therapeutic Modulation of the Wnt Signaling Pathway. <i>Current Pharmaceutical Biotechnology</i> , 2020 , 21, 1006-1015	2.6	12
55	Berberine Administration in Treatment of Colitis: A Review. <i>Current Drug Targets</i> , 2020 , 21, 1385-1393	3	4
54	Anti-tumor Activity of Propofol: A Focus on MicroRNAs. <i>Current Cancer Drug Targets</i> , 2020 , 20, 104-114	2.8	7

53	Therapeutic Effects of Curcumin against Bladder Cancer: A Review of Possible Molecular Pathways. <i>Anti-Cancer Agents in Medicinal Chemistry</i> , 2020 , 20, 667-677	2.2	7
52	Anti-Tumor Effects of Osthole on Different Malignant Tissues: A Review of Molecular Mechanisms. <i>Anti-Cancer Agents in Medicinal Chemistry</i> , 2020 , 20, 918-931	2.2	4
51	Resveratrol as an Enhancer of Apoptosis in Cancer: A Mechanistic Review. <i>Anti-Cancer Agents in Medicinal Chemistry</i> , 2020 ,	2.2	10
50	A Pivotal Role of the Nrf2 Signaling Pathway in Spinal Cord Injury: A Prospective Therapeutics Study. <i>CNS and Neurological Disorders - Drug Targets</i> , 2020 , 19, 207-219	2.6	5
49	Preparation of carbon dot as a potential CRISPR/Cas9 plasmid delivery system for lung cancer cells. <i>Minerva Biotechnologica</i> , 2020 , 32,	2.5	5
48	The ER Stress/UPR Axis in Chronic Obstructive Pulmonary Disease and Idiopathic Pulmonary Fibrosis. <i>Life</i> , 2020 , 11,	3	8
47	Green tea catechins inhibit microglial activation which prevents the development of neurological disorders. <i>Neural Regeneration Research</i> , 2020 , 15, 1792-1798	4.5	24
46	The therapeutic effect of resveratrol: Focusing on the Nrf2 signaling pathway. <i>Biomedicine and Pharmacotherapy</i> , 2020 , 127, 110234	7.5	50
45	Natural products and phytochemical nanoformulations targeting mitochondria in oncotherapy: an updated review on resveratrol. <i>Bioscience Reports</i> , 2020 , 40,	4.1	18
44	Metabolic impact of saffron and crocin: an updated systematic and meta-analysis of randomised clinical trials. <i>Archives of Physiology and Biochemistry</i> , 2020 , 1-13	2.2	5
43	Resveratrol targeting the Wnt signaling pathway: A focus on therapeutic activities. <i>Journal of Cellular Physiology</i> , 2020 , 235, 4135-4145	7	27
42	Effects of Chrysin on Serum Corticosterone Levels and Brain Oxidative Damages Induced by Immobilization in Rat. <i>Cardiovascular & Hematological Disorders Drug Targets</i> , 2020 , 20, 47-53	1.1	3
41	Chitosan-based advanced materials for docetaxel and paclitaxel delivery: Recent advances and future directions in cancer theranostics. <i>International Journal of Biological Macromolecules</i> , 2020 , 145, 282-300	7.9	48
40	Neuromodulatory effects of anti-diabetes medications: A mechanistic review. <i>Pharmacological Research</i> , 2020 , 152, 104611	10.2	18
39	Topoisomerase inhibitors: Pharmacology and emerging nanoscale delivery systems. <i>Pharmacological Research</i> , 2020 , 151, 104551	10.2	24
38	Therapeutic effects of kaempferol affecting autophagy and endoplasmic reticulum stress. <i>Phytotherapy Research</i> , 2020 , 34, 911-923	6.7	36
37	Back to Nucleus: Combating with Cadmium Toxicity Using Nrf2 Signaling Pathway as a Promising Therapeutic Target. <i>Biological Trace Element Research</i> , 2020 , 197, 52-62	4.5	13
36	Age-dependent effect of chlorpyrifos on the hematological parameters in male rats. <i>Toxin Reviews</i> , 2020 , 1-5	2.3	2

35	Broad-Spectrum Preclinical Antitumor Activity of Chrysin: Current Trends and Future Perspectives. <i>Biomolecules</i> , 2020 , 10,	5.9	21
34	Toward Regulatory Effects of Curcumin on Transforming Growth Factor-Beta Across Different Diseases: A Review. <i>Frontiers in Pharmacology</i> , 2020 , 11, 585413	5.6	13
33	Cancer and SOX proteins: New insight into their role in ovarian cancer progression/inhibition. <i>Pharmacological Research</i> , 2020 , 161, 105159	10.2	9
32	Progress in Natural Compounds/siRNA Co-delivery Employing Nanovehicles for Cancer Therapy. <i>ACS Combinatorial Science</i> , 2020 , 22, 669-700	3.9	30
31	The effects of L. and L. in metabolic syndrome patients: a systematic and meta-analysis study. <i>Archives of Physiology and Biochemistry</i> , 2020 , 1-12	2.2	6
30	Sensing the scent of death: Modulation of microRNAs by Curcumin in gastrointestinal cancers. <i>Pharmacological Research</i> , 2020 , 160, 105199	10.2	29
29	MicroRNAs and Their Influence on the ZEB Family: Mechanistic Aspects and Therapeutic Applications in Cancer Therapy. <i>Biomolecules</i> , 2020 , 10,	5.9	27
28	The interactions and communications in tumor resistance to radiotherapy: Therapy perspectives. <i>International Immunopharmacology</i> , 2020 , 87, 106807	5.8	19
27	An Overview of the Role of Adipokines in Cardiometabolic Diseases. <i>Molecules</i> , 2020 , 25,	4.8	20
26	Polychemotherapy with Curcumin and Doxorubicin via Biological Nanoplatfoms: Enhancing Antitumor Activity. <i>Pharmaceutics</i> , 2020 , 12,	6.4	33
25	PTEN, a Barrier for Proliferation and Metastasis of Gastric Cancer Cells: From Molecular Pathways to Targeting and Regulation. <i>Biomedicines</i> , 2020 , 8,	4.8	19
24	Apigenin as Tumor Suppressor in Cancers: Biotherapeutic Activity, Nanodelivery, and Mechanisms With Emphasis on Pancreatic Cancer. <i>Frontiers in Chemistry</i> , 2020 , 8, 829	5	23
23	Resveratrol Modulates Transforming Growth Factor-Beta (TGF- β) Signaling Pathway for Disease Therapy: A New Insight into Its Pharmacological Activities. <i>Biomedicines</i> , 2020 , 8,	4.8	16
22	Role of microRNA/Epithelial-to-Mesenchymal Transition Axis in the Metastasis of Bladder Cancer. <i>Biomolecules</i> , 2020 , 10,	5.9	42
21	Progress in Delivery of siRNA-Based Therapeutics Employing Nano-Vehicles for Treatment of Prostate Cancer. <i>Bioengineering</i> , 2020 , 7,	5.3	35
20	Functionalization of Magnetic Nanoparticles by Folate as Potential MRI Contrast Agent for Breast Cancer Diagnostics. <i>Molecules</i> , 2020 , 25,	4.8	12
19	A review on advances in graphene-derivative/polysaccharide bionanocomposites: Therapeutics, pharmacogenomics and toxicity. <i>Carbohydrate Polymers</i> , 2020 , 250, 116952	10.3	31
18	Carotenoids in Cancer Apoptosis-The Road and Back. <i>Cancers</i> , 2020 , 12,	6.6	28

17	Carotenoids in Cancer Metastasis-Status Quo and Outlook. <i>Biomolecules</i> , 2020 , 10,	5.9	12
16	Therapeutic and biological activities of berberine: The involvement of Nrf2 signaling pathway. <i>Journal of Cellular Biochemistry</i> , 2020 , 121, 1575-1585	4.7	29
15	Modulatory effects of statins on the autophagy: A therapeutic perspective. <i>Journal of Cellular Physiology</i> , 2020 , 235, 3157-3168	7	20
14	MicroRNAs mediate the anti-tumor and protective effects of ginsenosides. <i>Nutrition and Cancer</i> , 2020 , 72, 1264-1275	2.8	10
13	Melatonin as a potential modulator of Nrf2. <i>Fundamental and Clinical Pharmacology</i> , 2020 , 34, 11-19	3.1	54
12	Nanoparticles Targeting STATs in Cancer Therapy. <i>Cells</i> , 2019 , 8,	7.9	34
11	Autophagy as a molecular target of quercetin underlying its protective effects in human diseases. <i>Archives of Physiology and Biochemistry</i> , 2019 , 1-9	2.2	22
10	Autophagy Modulators: Mechanistic Aspects and Drug Delivery Systems. <i>Biomolecules</i> , 2019 , 9,	5.9	40
9	Autophagy, anoikis, ferroptosis, necroptosis, and endoplasmic reticulum stress: Potential applications in melanoma therapy. <i>Journal of Cellular Physiology</i> , 2019 , 234, 19471-19479	7	54
8	Drug delivery systems for resveratrol, a non-flavonoid polyphenol: Emerging evidence in last decades. <i>Journal of Drug Delivery Science and Technology</i> , 2019 , 51, 591-604	4.5	64
7	Effects of newly introduced antidiabetic drugs on autophagy. <i>Diabetes and Metabolic Syndrome: Clinical Research and Reviews</i> , 2019 , 13, 2445-2449	8.9	26
6	Low toxicity in hematological and biomedical parameters caused by bupernorphine in lactating female rats and their newborns. <i>Toxin Reviews</i> , 2019 , 1-9	2.3	
5	Down Regulation of Osteocalcin Gene in Chickens Treated with Cadmium. <i>Iranian Journal of Toxicology</i> , 2019 , 13, 1-4	1.1	4
4	Berberine as a potential autophagy modulator. <i>Journal of Cellular Physiology</i> , 2019 , 234, 14914	7	69
3	Shedding light on gene therapy: Carbon dots for the minimally invasive image-guided delivery of plasmids and noncoding RNAs - A review. <i>Journal of Advanced Research</i> , 2019 , 18, 81-93	13	69
2	Monoterpenes modulating autophagy: A review study. <i>Basic and Clinical Pharmacology and Toxicology</i> , 2019 , 126, 9	3.1	30
1	Expression of Collagen Type II and Osteocalcin Genes in Mesenchymal Stem Cells from Rats Treated with Lead acetate II. <i>Iranian Journal of Toxicology</i> , 2018 , 12, 35-40	1.1	6