

# Milad Ashrafizadeh

## List of Publications by Year in descending order

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Version: 2024-02-01

192  
papers

10,185  
citations

26567

56  
h-index

53109

85  
g-index

195  
all docs

195  
docs citations

195  
times ranked

8388  
citing authors

#	ARTICLE	IF	CITATIONS
1	Guidelines for the use and interpretation of assays for monitoring autophagy (4th Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50,742 1,430	4.3	1,430
2	Emerging role of exosomes in cancer progression and tumor microenvironment remodeling. Journal of Hematology and Oncology, 2022, 15, .	6.9	182
3	Regulation of Nuclear Factor-KappaB (NF- $\kappa$ B) signaling pathway by non-coding RNAs in cancer: Inhibiting or promoting carcinogenesis?. Cancer Letters, 2021, 509, 63-80.	3.2	166
4	Curcumin Delivery Mediated by Bio-Based Nanoparticles: A Review. Molecules, 2020, 25, 689.	1.7	164
5	Association of the Epithelial-Mesenchymal Transition (EMT) with Cisplatin Resistance. International Journal of Molecular Sciences, 2020, 21, 4002.	1.8	160
6	In vivo gene delivery mediated by non-viral vectors for cancer therapy. Journal of Controlled Release, 2020, 325, 249-275.	4.8	156
7	Self-assembled peptide and protein nanostructures for anti-cancer therapy: Targeted delivery, stimuli-responsive devices and immunotherapy. Nano Today, 2021, 38, 101119.	6.2	135
8	Recent Advances in Natural Gum-Based Biomaterials for Tissue Engineering and Regenerative Medicine: A Review. Polymers, 2020, 12, 176.	2.0	122
9	The therapeutic effect of resveratrol: Focusing on the Nrf2 signaling pathway. Biomedicine and Pharmacotherapy, 2020, 127, 110234.	2.5	120
10	Carbon dots as versatile nanoarchitectures for the treatment of neurological disorders and their theranostic applications: A review. Advances in Colloid and Interface Science, 2020, 278, 102123.	7.0	119
11	Long non-coding RNAs in the doxorubicin resistance of cancer cells. Cancer Letters, 2021, 508, 104-114.	3.2	118
12	Functionalization of polymers and nanomaterials for water treatment, food packaging, textile and biomedical applications: a review. Environmental Chemistry Letters, 2021, 19, 583-611.	8.3	112
13	New insight towards development of paclitaxel and docetaxel resistance in cancer cells: EMT as a novel molecular mechanism and therapeutic possibilities. Biomedicine and Pharmacotherapy, 2021, 141, 111824.	2.5	106
14	Biomedical application of chitosan-based nanoscale delivery systems: Potential usefulness in siRNA delivery for cancer therapy. Carbohydrate Polymers, 2021, 260, 117809.	5.1	103
15	Shedding light on gene therapy: Carbon dots for the minimally invasive image-guided delivery of plasmids and noncoding RNAs - A review. Journal of Advanced Research, 2019, 18, 81-93.	4.4	102
16	Flavonoids against the SARS-CoV-2 induced inflammatory storm. Biomedicine and Pharmacotherapy, 2021, 138, 111430.	2.5	102
17	Drug Delivery (Nano)Platforms for Oral and Dental Applications: Tissue Regeneration, Infection Control, and Cancer Management. Advanced Science, 2021, 8, 2004014.	5.6	100
18	Hyaluronic acid-based nanoplatfoms for Doxorubicin: A review of stimuli-responsive carriers, co-delivery and resistance suppression. Carbohydrate Polymers, 2021, 272, 118491.	5.1	100

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19	AMPK signaling in diabetes mellitus, insulin resistance and diabetic complications: A pre-clinical and clinical investigation. <i>Biomedicine and Pharmacotherapy</i> , 2022, 146, 112563.	2.5	95
20	Curcumin and its derivatives in cancer therapy: Potentiating antitumor activity of cisplatin and reducing side effects. <i>Phytotherapy Research</i> , 2022, 36, 189-213.	2.8	94
21	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.	2.0	92
22	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.	2.6	92
23	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.	1.4	90
24	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.	3.1	90
25	Role of microRNA/Epithelial-to-Mesenchymal Transition Axis in the Metastasis of Bladder Cancer. <i>Biomolecules</i> , 2020, 10, 1159.	1.8	89
26	The long and short non-coding RNAs modulating EZH2 signaling in cancer. <i>Journal of Hematology and Oncology</i> , 2022, 15, 18.	6.9	89
27	Melatonin as a potential modulator of Nrf2. <i>Fundamental and Clinical Pharmacology</i> , 2020, 34, 11-19.	1.0	88
28	Advances in understanding the role of P-gp in doxorubicin resistance: Molecular pathways, therapeutic strategies, and prospects. <i>Drug Discovery Today</i> , 2022, 27, 436-455.	3.2	87
29	Autophagy, anoikis, ferroptosis, necroptosis, and endoplasmic reticulum stress: Potential applications in melanoma therapy. <i>Journal of Cellular Physiology</i> , 2019, 234, 19471-19479.	2.0	86
30	Berberine as a potential autophagy modulator. <i>Journal of Cellular Physiology</i> , 2019, 234, 14914-14926.	2.0	85
31	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.	3.6	85
32	Versatile role of curcumin and its derivatives in lung cancer therapy. <i>Journal of Cellular Physiology</i> , 2020, 235, 9241-9268.	2.0	85
33	Curcumin Activates the Nrf2 Pathway and Induces Cellular Protection Against Oxidative Injury. <i>Current Molecular Medicine</i> , 2020, 20, 116-133.	0.6	85
34	Nrf2 signaling pathway in cisplatin chemotherapy: Potential involvement in organ protection and chemoresistance. <i>Pharmacological Research</i> , 2021, 167, 105575.	3.1	84
35	Lung cancer cells and their sensitivity/resistance to cisplatin chemotherapy: Role of microRNAs and upstream mediators. <i>Cellular Signalling</i> , 2021, 78, 109871.	1.7	82
36	Multifunctional Polymeric Nanoplatfoms for Brain Diseases Diagnosis, Therapy and Theranostics. <i>Biomedicines</i> , 2020, 8, 13.	1.4	81

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37	Abscopal effect in radioimmunotherapy. <i>International Immunopharmacology</i> , 2020, 85, 106663.	1.7	77
38	Mesoporous Bioactive Glasses in Cancer Diagnosis and Therapy: Stimuli-Responsive, Toxicity, Immunogenicity, and Clinical Translation. <i>Advanced Science</i> , 2022, 9, e2102678.	5.6	76
39	Therapeutic effects of kaempferol affecting autophagy and endoplasmic reticulum stress. <i>Phytotherapy Research</i> , 2020, 34, 911-923.	2.8	73
40	An Overview of the Role of Adipokines in Cardiometabolic Diseases. <i>Molecules</i> , 2020, 25, 5218.	1.7	73
41	Damage-associated molecular patterns in tumor radiotherapy. <i>International Immunopharmacology</i> , 2020, 86, 106761.	1.7	71
42	Molecular Landscape of LncRNAs in Prostate Cancer: A focus on pathways and therapeutic targets for intervention. <i>Journal of Experimental and Clinical Cancer Research</i> , 2022, 41, .	3.5	69
43	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.	2.0	68
44	Bioengineering of green-synthesized silver nanoparticles: In vitro physicochemical, antibacterial, biofilm inhibitory, anticoagulant, and antioxidant performance. <i>Talanta</i> , 2022, 243, 123374.	2.9	68
45	Targeting autophagy in prostate cancer: preclinical and clinical evidence for therapeutic response. <i>Journal of Experimental and Clinical Cancer Research</i> , 2022, 41, 105.	3.5	67
46	Progress in Natural Compounds/siRNA Co-delivery Employing Nanovehicles for Cancer Therapy. <i>ACS Combinatorial Science</i> , 2020, 22, 669-700.	3.8	65
47	Progress in Delivery of siRNA-Based Therapeutics Employing Nano-Vehicles for Treatment of Prostate Cancer. <i>Bioengineering</i> , 2020, 7, 91.	1.6	65
48	Carotenoids in Cancer Apoptosis—The Road from Bench to Bedside and Back. <i>Cancers</i> , 2020, 12, 2425.	1.7	65
49	Nrf2 Signaling Pathway in Chemoprotection and Doxorubicin Resistance: Potential Application in Drug Discovery. <i>Antioxidants</i> , 2021, 10, 349.	2.2	65
50	Curcumin and cardiovascular diseases: Focus on cellular targets and cascades. <i>Biomedicine and Pharmacotherapy</i> , 2021, 136, 111214.	2.5	65
51	Wnt/ $\beta$ -Catenin Signaling as a Driver of Hepatocellular Carcinoma Progression: An Emphasis on Molecular Pathways. <i>Journal of Hepatocellular Carcinoma</i> , 2021, Volume 8, 1415-1444.	1.8	65
52	Folic Acid-Adorned Curcumin-Loaded Iron Oxide Nanoparticles for Cervical Cancer. <i>ACS Applied Bio Materials</i> , 2022, 5, 1305-1318.	2.3	65
53	Polychemotherapy with Curcumin and Doxorubicin via Biological Nanoplatforms: Enhancing Antitumor Activity. <i>Pharmaceutics</i> , 2020, 12, 1084.	2.0	64
54	Apigenin as Tumor Suppressor in Cancers: Biotherapeutic Activity, Nanodelivery, and Mechanisms With Emphasis on Pancreatic Cancer. <i>Frontiers in Chemistry</i> , 2020, 8, 829.	1.8	64

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55	Elucidating Role of Reactive Oxygen Species (ROS) in Cisplatin Chemotherapy: A Focus on Molecular Pathways and Possible Therapeutic Strategies. <i>Molecules</i> , 2021, 26, 2382.	1.7	63
56	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.	2.0	63
57	Sensing the scent of death: Modulation of microRNAs by Curcumin in gastrointestinal cancers. <i>Pharmacological Research</i> , 2020, 160, 105199.	3.1	61
58	STAT3 Pathway in Gastric Cancer: Signaling, Therapeutic Targeting and Future Prospects. <i>Biology</i> , 2020, 9, 126.	1.3	61
59	Potential therapeutic effects of curcumin mediated by JAK/STAT signaling pathway: A review. <i>Phytotherapy Research</i> , 2020, 34, 1745-1760.	2.8	58
60	Nanoparticles Targeting STATs in Cancer Therapy. <i>Cells</i> , 2019, 8, 1158.	1.8	57
61	Flavonoids Targeting HIF-1: Implications on Cancer Metabolism. <i>Cancers</i> , 2021, 13, 130.	1.7	57
62	Autophagy Modulators: Mechanistic Aspects and Drug Delivery Systems. <i>Biomolecules</i> , 2019, 9, 530.	1.8	55
63	The role of microRNA-338-3p in cancer: growth, invasion, chemoresistance, and mediators. <i>Life Sciences</i> , 2021, 268, 119005.	2.0	55
64	Therapeutic and biological activities of berberine: The involvement of Nrf2 signaling pathway. <i>Journal of Cellular Biochemistry</i> , 2020, 121, 1575-1585.	1.2	53
65	MicroRNAs and Their Influence on the ZEB Family: Mechanistic Aspects and Therapeutic Applications in Cancer Therapy. <i>Biomolecules</i> , 2020, 10, 1040.	1.8	51
66	A review on advances in graphene-derivative/polysaccharide bionanocomposites: Therapeutics, pharmacogenomics and toxicity. <i>Carbohydrate Polymers</i> , 2020, 250, 116952.	5.1	50
67	Gallic acid for cancer therapy: Molecular mechanisms and boosting efficacy by nanoscopy delivery. <i>Food and Chemical Toxicology</i> , 2021, 157, 112576.	1.8	50
68	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.	2.0	49
69	Benzimidazole analogues as efficient arsenals in war against methicillin-resistance staphylococcus aureus (MRSA) and its SAR studies. <i>Bioorganic Chemistry</i> , 2021, 115, 105175.	2.0	49
70	Nobiletin in Cancer Therapy: How This Plant Derived-Natural Compound Targets Various Oncogene and Onco-Suppressor Pathways. <i>Biomedicines</i> , 2020, 8, 110.	1.4	48
71	MicroRNA-mediated autophagy regulation in cancer therapy: The role in chemoresistance/chemosensitivity. <i>European Journal of Pharmacology</i> , 2021, 892, 173660.	1.7	48
72	Topoisomerase inhibitors: Pharmacology and emerging nanoscale delivery systems. <i>Pharmacological Research</i> , 2020, 151, 104551.	3.1	47

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73	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.	2.5	47
74	The interactions and communications in tumor resistance to radiotherapy: Therapy perspectives. <i>International Immunopharmacology</i> , 2020, 87, 106807.	1.7	46
75	Functionalization of Polymers and Nanomaterials for Biomedical Applications: Antimicrobial Platforms and Drug Carriers. <i>Prosthesis</i> , 2020, 2, 117-139.	1.1	46
76	(Nano)platforms in bladder cancer therapy: Challenges and opportunities. <i>Bioengineering and Translational Medicine</i> , 2023, 8, .	3.9	46
77	Nanotechnological Approaches in Prostate Cancer Therapy: Integration of engineering and biology. <i>Nano Today</i> , 2022, 45, 101532.	6.2	46
78	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.	2.0	45
79	Monoterpenes modulating autophagy: A review study. <i>Basic and Clinical Pharmacology and Toxicology</i> , 2020, 126, 9-20.	1.2	44
80	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.	1.7	44
81	Targeting of cellular redox metabolism for mitigation of radiation injury. <i>Life Sciences</i> , 2020, 250, 117570.	2.0	44
82	Biofabricated Nanostructures and Their Composites in Regenerative Medicine. <i>ACS Applied Nano Materials</i> , 2020, 3, 6210-6238.	2.4	43
83	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, 1602.	1.7	43
84	Nanotechnological Strategies for Osteoarthritis Diagnosis, Monitoring, Clinical Management, and Regenerative Medicine: Recent Advances and Future Opportunities. <i>Current Rheumatology Reports</i> , 2020, 22, 12.	2.1	42
85	MicroRNA-mediated regulation of Nrf2 signaling pathway: Implications in disease therapy and protection against oxidative stress. <i>Life Sciences</i> , 2020, 244, 117329.	2.0	41
86	Tangeretin: a mechanistic review of its pharmacological and therapeutic effects. <i>Journal of Basic and Clinical Physiology and Pharmacology</i> , 2020, 31, .	0.7	41
87	Doxorubicin-loaded graphene oxide nanocomposites in cancer medicine: stimuli-responsive carriers, co-delivery and suppressing resistance. <i>Expert Opinion on Drug Delivery</i> , 2022, 19, 355-382.	2.4	41
88	Broad-Spectrum Preclinical Antitumor Activity of Chrysin: Current Trends and Future Perspectives. <i>Biomolecules</i> , 2020, 10, 1374.	1.8	40
89	PTEN, a Barrier for Proliferation and Metastasis of Gastric Cancer Cells: From Molecular Pathways to Targeting and Regulation. <i>Biomedicines</i> , 2020, 8, 264.	1.4	40
90	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.	1.8	40

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91	Small in Size, but Large in Action: microRNAs as Potential Modulators of PTEN in Breast and Lung Cancers. <i>Biomolecules</i> , 2021, 11, 304.	1.8	40
92	Non-coding RNA-based regulation of inflammation. <i>Seminars in Immunology</i> , 2022, 59, 101606.	2.7	40
93	Autophagy as a molecular target of quercetin underlying its protective effects in human diseases. <i>Archives of Physiology and Biochemistry</i> , 2022, 128, 200-208.	1.0	39
94	Resveratrol targeting the Wnt signaling pathway: A focus on therapeutic activities. <i>Journal of Cellular Physiology</i> , 2020, 235, 4135-4145.	2.0	39
95	Neuromodulatory effects of anti-diabetes medications: A mechanistic review. <i>Pharmacological Research</i> , 2020, 152, 104611.	3.1	39
96	The role of SOX family transcription factors in gastric cancer. <i>International Journal of Biological Macromolecules</i> , 2021, 180, 608-624.	3.6	39
97	Interplay between SOX9 transcription factor and microRNAs in cancer. <i>International Journal of Biological Macromolecules</i> , 2021, 183, 681-694.	3.6	39
98	Autophagy regulation using luteolin: new insight into its anti-tumor activity. <i>Cancer Cell International</i> , 2020, 20, 537.	1.8	37
99	Therapeutic potential of AMPK signaling targeting in lung cancer: Advances, challenges and future prospects. <i>Life Sciences</i> , 2021, 278, 119649.	2.0	37
100	Curcumin and inflammatory bowel diseases: From in vitro studies to clinical trials. <i>Molecular Immunology</i> , 2021, 130, 20-30.	1.0	36
101	Green tea catechins inhibit microglial activation which prevents the development of neurological disorders. <i>Neural Regeneration Research</i> , 2020, 15, 1792.	1.6	36
102	Long noncoding RNAs (lncRNAs) in pancreatic cancer progression. <i>Drug Discovery Today</i> , 2022, 27, 2181-2198.	3.2	36
103	Modulatory effects of statins on the autophagy: A therapeutic perspective. <i>Journal of Cellular Physiology</i> , 2020, 235, 3157-3168.	2.0	35
104	Toward Regulatory Effects of Curcumin on Transforming Growth Factor-Beta Across Different Diseases: A Review. <i>Frontiers in Pharmacology</i> , 2020, 11, 585413.	1.6	35
105	Targeted regulation of autophagy using nanoparticles: New insight into cancer therapy. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2022, 1868, 166326.	1.8	35
106	Resveratrol as an Enhancer of Apoptosis in Cancer: A Mechanistic Review. <i>Anti-Cancer Agents in Medicinal Chemistry</i> , 2021, 21, 2327-2336.	0.9	34
107	The ER Stress/UPR Axis in Chronic Obstructive Pulmonary Disease and Idiopathic Pulmonary Fibrosis. <i>Life</i> , 2021, 11, 1.	1.1	34
108	Transforming growth factor-beta (TGF- $\beta$ 2) in prostate cancer: A dual function mediator?. <i>International Journal of Biological Macromolecules</i> , 2022, 206, 435-452.	3.6	34

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109	Effects of newly introduced antidiabetic drugs on autophagy. <i>Diabetes and Metabolic Syndrome: Clinical Research and Reviews</i> , 2019, 13, 2445-2449.	1.8	33
110	Resveratrol Modulates Transforming Growth Factor-Beta (TGF- $\beta$ 2) Signaling Pathway for Disease Therapy: A New Insight into Its Pharmacological Activities. <i>Biomedicines</i> , 2020, 8, 261.	1.4	33
111	Anti-Inflammatory Activity of Melatonin: a Focus on the Role of NLRP3 Inflammasome. <i>Inflammation</i> , 2021, 44, 1207-1222.	1.7	33
112	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.	3.6	33
113	Natural products and phytochemical nanoformulations targeting mitochondria in oncotherapy: an updated review on resveratrol. <i>Bioscience Reports</i> , 2020, 40, .	1.1	33
114	Gene regulation by antisense transcription: A focus on neurological and cancer diseases. <i>Biomedicine and Pharmacotherapy</i> , 2022, 145, 112265.	2.5	33
115	Carotenoids in Cancer Metastasis—Status Quo and Outlook. <i>Biomolecules</i> , 2020, 10, 1653.	1.8	32
116	Pre-clinical investigation of STAT3 pathway in bladder cancer: Paving the way for clinical translation. <i>Biomedicine and Pharmacotherapy</i> , 2021, 133, 111077.	2.5	31
117	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, 825, 153902.	3.9	31
118	Pre-Clinical and Clinical Applications of Small Interfering RNAs (siRNA) and Co-Delivery Systems for Pancreatic Cancer Therapy. <i>Cells</i> , 2021, 10, 3348.	1.8	30
119	Long noncoding RNAs: A novel insight in the leukemogenesis and drug resistance in acute myeloid leukemia. <i>Journal of Cellular Physiology</i> , 2022, 237, 450-465.	2.0	28
120	Curcumin Therapeutic Modulation of the Wnt Signaling Pathway. <i>Current Pharmaceutical Biotechnology</i> , 2020, 21, 1006-1015.	0.9	28
121	Non-coding RNAs and macrophage interaction in tumor progression. <i>Critical Reviews in Oncology/Hematology</i> , 2022, 173, 103680.	2.0	28
122	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> , 2022, 128, 1438-1452.	1.0	27
123	Functionalization of Magnetic Nanoparticles by Folate as Potential MRI Contrast Agent for Breast Cancer Diagnostics. <i>Molecules</i> , 2020, 25, 4053.	1.7	26
124	MicroRNAs as novel targets of sulforaphane in cancer therapy: The beginning of a new tale?. <i>Phytotherapy Research</i> , 2020, 34, 721-728.	2.8	26
125	Long non-coding RNAs as new players in bladder cancer: Lessons from pre-clinical and clinical studies. <i>Life Sciences</i> , 2022, 288, 119948.	2.0	26
126	The involvement of epithelial-to-mesenchymal transition in doxorubicin resistance: Possible molecular targets. <i>European Journal of Pharmacology</i> , 2021, 908, 174344.	1.7	25



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127	Exosomes as Promising Nanostructures in Diabetes Mellitus: From Insulin Sensitivity to Ameliorating Diabetic Complications. <i>International Journal of Nanomedicine</i> , 2022, Volume 17, 1229-1253.	3.3	25
128	Targeting Cancer Stem Cells by Dietary Agents: An Important Therapeutic Strategy against Human Malignancies. <i>International Journal of Molecular Sciences</i> , 2021, 22, 11669.	1.8	24
129	EZH2 as a new therapeutic target in brain tumors: Molecular landscape, therapeutic targeting and future prospects. <i>Biomedicine and Pharmacotherapy</i> , 2022, 146, 112532.	2.5	24
130	Photoactive polymers-decorated Cu-Al layered double hydroxide hexagonal architectures: A potential non-viral vector for photothermal therapy and co-delivery of DOX/pCRISPR. <i>Chemical Engineering Journal</i> , 2022, 448, 137747.	6.6	24
131	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.	2.0	23
132	Roles of Nrf2 in Gastric Cancer: Targeting for Therapeutic Strategies. <i>Molecules</i> , 2021, 26, 3157.	1.7	23
133	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.	3.6	23
134	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.	1.9	22
135	Antimicrobial peptides as potential therapeutics for breast cancer. <i>Pharmacological Research</i> , 2021, 171, 105777.	3.1	22
136	Cancer and SOX proteins: New insight into their role in ovarian cancer progression/inhibition. <i>Pharmacological Research</i> , 2020, 161, 105159.	3.1	21
137	Recent advances and future directions in anti-tumor activity of cryptotanshinone: A mechanistic review. <i>Phytotherapy Research</i> , 2021, 35, 155-179.	2.8	21
138	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.	0.6	21
139	Wnt-regulating microRNAs role in gastric cancer malignancy. <i>Life Sciences</i> , 2020, 250, 117547.	2.0	20
140	Where ferroptosis inhibitors and paraquat detoxification mechanisms intersect, exploring possible treatment strategies. <i>Toxicology</i> , 2020, 433-434, 152407.	2.0	20
141	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.	0.8	20
142	Biological and Therapeutic Effects of Troxerutin: Molecular Signaling Pathways Come into View. <i>Journal of Pharmacopuncture</i> , 2021, 24, 1-13.	0.4	19
143	Cervical cancer progression is regulated by SOX transcription factors: Revealing signaling networks and therapeutic strategies. <i>Biomedicine and Pharmacotherapy</i> , 2021, 144, 112335.	2.5	19
144	Role of Tumor Microenvironment in Cancer Stem Cells Resistance to Radiotherapy. <i>Current Cancer Drug Targets</i> , 2022, 22, 18-30.	0.8	19

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145	Mitigation of radiation-induced hematopoietic system injury by melatonin. <i>Environmental Toxicology</i> , 2020, 35, 815-821.	2.1	17
146	Nano-soldiers Ameliorate Silibinin Delivery: A Review Study. <i>Current Drug Delivery</i> , 2020, 17, 15-22.	0.8	17
147	MicroRNAs regulating SOX2 in cancer progression and therapy response. <i>Expert Reviews in Molecular Medicine</i> , 2021, 23, e13.	1.6	17
148	Resveratrol targeting tau proteins, amyloid-beta aggregations, and their adverse effects: An updated review. <i>Phytotherapy Research</i> , 2020, 34, 2867-2888.	2.8	16
149	Venom peptides in cancer therapy: An updated review on cellular and molecular aspects. <i>Pharmacological Research</i> , 2021, 164, 105327.	3.1	16
150	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.	0.7	16
151	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.	2.3	15
152	Graphene as a promising multifunctional nanoplatform for glioblastoma theranostic applications. <i>FlatChem</i> , 2020, 22, 100173.	2.8	15
153	C-Myc Signaling Pathway in Treatment and Prevention of Brain Tumors. <i>Current Cancer Drug Targets</i> , 2021, 21, 2-20.	0.8	15
154	MicroRNAs mediate the anti-tumor and protective effects of ginsenosides. <i>Nutrition and Cancer</i> , 2020, 72, 1264-1275.	0.9	14
155	The effects of <i>Berberis vulgaris</i> L. and <i>Berberis aristata</i> L. in metabolic syndrome patients: a systematic and meta-analysis study. <i>Archives of Physiology and Biochemistry</i> , 2023, 129, 393-404.	1.0	14
156	Curcumin Efficacy in a Serum/Glucose Deprivation-Induced Neuronal PC12 Injury Model. <i>Current Molecular Pharmacology</i> , 2021, 14, 1146-1155.	0.7	14
157	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.	1.8	14
158	Metabolic impact of saffron and crocin: an updated systematic and meta-analysis of randomised clinical trials. <i>Archives of Physiology and Biochemistry</i> , 2022, 128, 666-678.	1.0	14
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