Masoud Najafi

List of Publications by Year in descending order

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186 papers	9,932 citations	30068 54 h-index	48312 88 g-index
188 all docs	188 docs citations	188 times ranked	10075 citing authors

#	Article	IF	Citations
1	CD8⁺ cytotoxic T lymphocytes in cancer immunotherapy: A review. Journal of Cellular Physiology, 2019, 234, 8509-8521.	4.1	1,012
2	Cyclooxygenaseâ€2 in cancer: A review. Journal of Cellular Physiology, 2019, 234, 5683-5699.	4.1	479
3	Extracellular matrix (ECM) stiffness and degradation as cancer drivers. Journal of Cellular Biochemistry, 2019, 120, 2782-2790.	2.6	387
4	Cancer stem cells (CSCs) in cancer progression and therapy. Journal of Cellular Physiology, 2019, 234, 8381-8395.	4.1	374
5	Macrophage polarity in cancer: A review. Journal of Cellular Biochemistry, 2019, 120, 2756-2765.	2.6	362
6	Cancer stem cell (CSC) resistance drivers. Life Sciences, 2019, 234, 116781.	4.3	254
7	Mechanisms of apoptosis modulation by curcumin: Implications for cancer therapy. Journal of Cellular Physiology, 2019, 234, 12537-12550.	4.1	221
8	Curcumin as an antiâ€inflammatory agent: Implications to radiotherapy and chemotherapy. Journal of Cellular Physiology, 2019, 234, 5728-5740.	4.1	181
9	Tumor microenvironment: Interactions and therapy. Journal of Cellular Physiology, 2019, 234, 5700-5721.	4.1	144
10	Contribution of regulatory T cells to cancer: A review. Journal of Cellular Physiology, 2019, 234, 7983-7993.	4.1	136
11	Transforming growth factorâ€Î² signaling: Tumorigenesis and targeting for cancer therapy. Journal of Cellular Physiology, 2019, 234, 12173-12187.	4.1	115
12	Mechanisms of inflammatory responses to radiation and normal tissues toxicity: clinical implications. International Journal of Radiation Biology, 2018, 94, 335-356.	1.8	110
13	Reductionâ€“oxidation (redox) system in radiation-induced normal tissue injury: molecular mechanisms and implications in radiation therapeutics. Clinical and Translational Oncology, 2018, 20, 975-988.	2.4	105
14	Modulation of apoptosis by melatonin for improving cancer treatment efficiency: An updated review. Life Sciences, 2019, 228, 228-241.	4.3	103
15	Redox interactions and genotoxicity of metal-based nanoparticles: A comprehensive review. Chemico-Biological Interactions, 2019, 312, 108814.	4.0	98
16	Hypoxia in solid tumors: a key promoter of cancer stem cell (CSC) resistance. Journal of Cancer Research and Clinical Oncology, 2020, 146, 19-31.	2.5	92
17	Curcumin in cancer therapy: A novel adjunct for combination chemotherapy with paclitaxel and alleviation of its adverse effects. Life Sciences, 2020, 256, 117984.	4.3	92
18	TGF-Î² in radiotherapy: Mechanisms of tumor resistance and normal tissues injury. Pharmacological Research, 2020, 155, 104745.	7.1	90

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19	Role of microRNA/Epithelial-to-Mesenchymal Transition Axis in the Metastasis of Bladder Cancer. Biomolecules, 2020, 10, 1159.	4.0	89
20	Radiation-induced inflammation and autoimmune diseases. Military Medical Research, 2018, 5, 9.	3.4	88
21	Melatonin as an adjuvant in radiotherapy for radioprotection and radiosensitization. Clinical and Translational Oncology, 2019, 21, 268-279.	2.4	88
22	A Systematic Review of the Genotoxicity and Antigenotoxicity of Biologically Synthesized Metallic Nanomaterials: Are Green Nanoparticles Safe Enough for Clinical Marketing?. Medicina (Lithuania), 2019, 55, 439.	2.0	87
23	Synergic effects of nanoparticles-mediated hyperthermia in radiotherapy/chemotherapy of cancer. Life Sciences, 2021, 269, 119020.	4.3	87
24	Gadolinium nanoparticles as diagnostic and therapeutic agents: Their delivery systems in magnetic resonance imaging and neutron capture therapy. Journal of Drug Delivery Science and Technology, 2018, 44, 457-466.	3.0	85
25	Versatile role of curcumin and its derivatives in lung cancer therapy. Journal of Cellular Physiology, 2020, 235, 9241-9268.	4.1	85
26	NFâ€ºB targeting for overcoming tumor resistance and normal tissues toxicity. Journal of Cellular Physiology, 2019, 234, 17187-17204.	4.1	84
27	Nrf2 signaling pathway in cisplatin chemotherapy: Potential involvement in organ protection and chemoresistance. Pharmacological Research, 2021, 167, 105575.	7.1	84
28	Lung cancer cells and their sensitivity/resistance to cisplatin chemotherapy: Role of microRNAs and upstream mediators. Cellular Signalling, 2021, 78, 109871.	3.6	82
29	Abscopal effect in radioimmunotherapy. International Immunopharmacology, 2020, 85, 106663.	3.8	77
30	Cancer stem cell (a)symmetry & plasticity: Tumorigenesis and therapy relevance. Life Sciences, 2019, 231, 116520.	4.3	76
31	Immune system in cancer radiotherapy: Resistance mechanisms and therapy perspectives. Critical Reviews in Oncology/Hematology, 2021, 157, 103180.	4.4	76
32	Radiation Protection and Mitigation by Natural Antioxidants and Flavonoids: Implications to Radiotherapy and Radiation Disasters. Current Molecular Pharmacology, 2018, 11, 285-304.	1.5	75
33	The melatonin immunomodulatory actions in radiotherapy. Biophysical Reviews, 2017, 9, 139-148.	3.2	73
34	Mechanisms of Radiation Bystander and Non-Targeted Effects: Implications to Radiation Carcinogenesis and Radiotherapy. Current Radiopharmaceuticals, 2018, 11, 34-45.	0.8	73
35	Damage-associated molecular patterns in tumor radiotherapy. International Immunopharmacology, 2020, 86, 106761.	3.8	71
36	Cancerâ€associated fibroblasts: Secretions, interactions, and therapy. Journal of Cellular Biochemistry, 2019, 120, 2791-2800.	2.6	68

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37	The role of melatonin on doxorubicin-induced cardiotoxicity: A systematic review. Life Sciences, 2020, 241, 117173.	4.3	68
38	NADPH Oxidase as a Target for Modulation of Radiation Response; Implications to Carcinogenesis and Radiotherapy. Current Molecular Pharmacology, 2019, 12, 50-60.	1.5	67
39	Melatonin as an anti-inflammatory agent in radiotherapy. Inflammopharmacology, 2017, 25, 403-413.	3.9	65
40	Metformin as a Radiation Modifier; Implications to Normal Tissue Protection and Tumor Sensitization. Current Clinical Pharmacology, 2019, 14, 41-53.	0.6	65
41	Progress in Natural Compounds/siRNA Co-delivery Employing Nanovehicles for Cancer Therapy. ACS Combinatorial Science, 2020, 22, 669-700.	3.8	65
42	Progress in Delivery of siRNA-Based Therapeutics Employing Nano-Vehicles for Treatment of Prostate Cancer. Bioengineering, 2020, 7, 91.	3.5	65
43	Carotenoids in Cancer Apoptosisâ€"The Road from Bench to Bedside and Back. Cancers, 2020, 12, 2425.	3.7	65
44	Melatonin and cancer: From the promotion of genomic stability to use in cancer treatment. Journal of Cellular Physiology, 2019, 234, 5613-5627.	4.1	64
45	The current knowledge concerning solid cancer and therapy. Journal of Biochemical and Molecular Toxicology, 2021, 35, e22900.	3.0	64
46	COX-2 in Radiotherapy: A Potential Target for Radioprotection and Radiosensitization. Current Molecular Pharmacology, 2018, 11, 173-183.	1.5	63
47	Targets for improving tumor response to radiotherapy. International Immunopharmacology, 2019, 76, 105847.	3.8	62
48	Adjuvant chemotherapy with melatonin for targeting human cancers: A review. Journal of Cellular Physiology, 2019, 234, 2356-2372.	4.1	62
49	Sensing the scent of death: Modulation of microRNAs by Curcumin in gastrointestinal cancers. Pharmacological Research, 2020, 160, 105199.	7.1	61
50	STAT3 Pathway in Gastric Cancer: Signaling, Therapeutic Targeting and Future Prospects. Biology, 2020, 9, 126.	2.8	61
51	Extracellularâ€signalâ€regulated kinase/mitogenâ€activated protein kinase signaling as a target for cancer therapy: an updated review. Cell Biology International, 2019, 43, 1206-1222.	3.0	60
52	The mechanisms of radiation-induced bystander effect. Journal of Biomedical Physics and Engineering, 2014, 4, 163-72.	0.9	59
53	Oncolytic adenovirus: A tool for cancer therapy in combination with other therapeutic approaches. Journal of Cellular Physiology, 2019, 234, 8636-8646.	4.1	58
54	Metformin: Prevention of genomic instability and cancer: A review. Mutation Research - Genetic Toxicology and Environmental Mutagenesis, 2018, 827, 1-8.	1.7	57

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55	Stromal reprogramming: A target for tumor therapy. Life Sciences, 2019, 239, 117049.	4.3	57
56	Disruption of the redox balance with either oxidative or antiâ€oxidative overloading as a promising target for cancer therapy. Journal of Cellular Biochemistry, 2019, 120, 71-76.	2.6	57
57	Targeting of Inflammation for Radiation Protection and Mitigation. Current Molecular Pharmacology, 2018, 11, 203-210.	1.5	56
58	Boosting immune system against cancer by melatonin: A mechanistic viewpoint. Life Sciences, 2019, 238, 116960.	4.3	55
59	The role of microRNA-338-3p in cancer: growth, invasion, chemoresistance, and mediators. Life Sciences, 2021, 268, 119005.	4.3	55
60	Resveratrol as an Adjuvant for Normal Tissues Protection and Tumor Sensitization. Current Cancer Drug Targets, 2020, 20, 130-145.	1.6	55
61	Intercellular communications-redox interactions in radiation toxicity; potential targets for radiation mitigation. Journal of Cell Communication and Signaling, 2019, 13, 3-16.	3.4	54
62	MicroRNAs and Their Influence on the ZEB Family: Mechanistic Aspects and Therapeutic Applications in Cancer Therapy. Biomolecules, 2020, 10, 1040.	4.0	51
63	Targeting of cancer cell death mechanisms by resveratrol: a review. Apoptosis: an International Journal on Programmed Cell Death, 2021, 26, 561-573.	4.9	51
64	The role of curcumin/curcuminoids during gastric cancer chemotherapy: A systematic review of non-clinical study. Life Sciences, 2020, 257, 118051.	4.3	50
65	Mechanisms of cancer cell death induction by paclitaxel: an updated review. Apoptosis: an International Journal on Programmed Cell Death, 2022, 27, 647-667.	4.9	50
66	Dual relationship between long non-coding RNAs and STAT3 signaling in different cancers: New insight to proliferation and metastasis. Life Sciences, 2021, 270, 119006.	4.3	49
67	Nobiletin in Cancer Therapy: How This Plant Derived-Natural Compound Targets Various Oncogene and Onco-Suppressor Pathways. Biomedicines, 2020, 8, 110.	3.2	48
68	MicroRNA-mediated autophagy regulation in cancer therapy: The role in chemoresistance/chemosensitivity. European Journal of Pharmacology, 2021, 892, 173660.	3.5	48
69	The interactions and communications in tumor resistance to radiotherapy: Therapy perspectives. International Immunopharmacology, 2020, 87, 106807.	3.8	46
70	Modulation of the tumor microenvironment (TME) by melatonin. European Journal of Pharmacology, 2021, 907, 174365.	3.5	46
71	An interactive web-based intervention on nutritional status, physical activity and health-related quality of life in patient with metabolic syndrome: a randomized-controlled trial (The Red Ruby Study). Nutrition and Diabetes, 2017, 7, e240-e240.	3.2	45
72	PD-1/PD-L1 axis regulation in cancer therapy: The role of long non-coding RNAs and microRNAs. Life Sciences, 2020, 256, 117899.	4.3	45

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73	PTEN: What we know of the function and regulation of this onco-suppressor factor in bladder cancer?. European Journal of Pharmacology, 2020, 881, 173226.	3.5	44
74	Targeting of cellular redox metabolism for mitigation of radiation injury. Life Sciences, 2020, 250, 117570.	4.3	44
75	Targets for protection and mitigation of radiation injury. Cellular and Molecular Life Sciences, 2020, 77, 3129-3159.	5.4	44
76	Radioprotective effects of hesperidin on oxidative damages and histopathological changes induced by X-irradiation in rats heart tissue. Journal of Medical Physics, 2016, 41, 182.	0.3	44
77	PTEN, a Barrier for Proliferation and Metastasis of Gastric Cancer Cells: From Molecular Pathways to Targeting and Regulation. Biomedicines, 2020, 8, 264.	3.2	40
78	The role of SOX family transcription factors in gastric cancer. International Journal of Biological Macromolecules, 2021, 180, 608-624.	7.5	39
79	The interactions of paclitaxel with tumour microenvironment. International Immunopharmacology, 2022, 105, 108555.	3.8	39
80	A systematic review of radiationâ€induced testicular toxicities following radiotherapy for prostate cancer. Journal of Cellular Physiology, 2019, 234, 14828-14837.	4.1	37
81	Genotoxicity assessment of carbon-based nanomaterials; Have their unique physicochemical properties made them double-edged swords?. Mutation Research - Reviews in Mutation Research, 2020, 783, 108296.	5.5	36
82	Targeting of the tumor microenvironment by curcumin. BioFactors, 2021, 47, 914-932.	5.4	36
83	Metformin Protects against Radiation-Induced Pneumonitis and Fibrosis and Attenuates Upregulation of Dual Oxidase Genes Expression. Advanced Pharmaceutical Bulletin, 2018, 8, 697-704.	1.4	36
84	Melatonin ameliorates radiation-induced oxidative stress at targeted and nontargeted lung tissue. Journal of Medical Physics, 2017, 42, 241.	0.3	36
85	Toward Regulatory Effects of Curcumin on Transforming Growth Factor-Beta Across Different Diseases: A Review. Frontiers in Pharmacology, 2020, 11, 585413.	3.5	35
86	Resveratrol for targeting the tumor microenvironment and its interactions with cancer cells. International Immunopharmacology, 2021, 98, 107895.	3.8	35
87	Study of Copolymer Composition on Drug Loading Efficiency of Enalapril in Polymersomes and Cytotoxicity of Drug Loaded Nanoparticles. Drug Research, 2016, 66, 495-504.	1.7	34
88	Resveratrol as an Enhancer of Apoptosis in Cancer: A Mechanistic Review. Anti-Cancer Agents in Medicinal Chemistry, 2021, 21, 2327-2336.	1.7	34
89	Resveratrol Modulates Transforming Growth Factor-Beta (TGF-Î²) Signaling Pathway for Disease Therapy: A New Insight into Its Pharmacological Activities. Biomedicines, 2020, 8, 261.	3.2	33
90	Anti-Inflammatory Activity of Melatonin: a Focus on the Role of NLRP3 Inflammasome. Inflammation, 2021, 44, 1207-1222.	3.8	33

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91	Targeting of cancer cell death mechanisms by curcumin: Implications to cancer therapy. Basic and Clinical Pharmacology and Toxicology, 2021, 129, 397-415.	2.5	33
92	Targeting of the tumor immune microenvironment by metformin. Journal of Cell Communication and Signaling, 2022, 16, 333-348.	3.4	33
93	Mitigation of Radiation-Induced Lung Pneumonitis and Fibrosis Using Metformin and Melatonin: A Histopathological Study. Medicina (Lithuania), 2019, 55, 417.	2.0	32
94	Carotenoids in Cancer Metastasisâ€"Status Quo and Outlook. Biomolecules, 2020, 10, 1653.	4.0	32
95	Stem Cell Tracing Through MR Molecular Imaging. Tissue Engineering and Regenerative Medicine, 2018, 15, 249-261.	3.7	31
96	Estimation of radiation dose-reduction factor for cerium oxide nanoparticles in MRC-5 human lung fibroblastic cells and MCF-7 breast-cancer cells. Artificial Cells, Nanomedicine and Biotechnology, 2018, 46, 1215-1225.	2.8	31
97	Radiation-Induced Dual Oxidase Upregulation in Rat Heart Tissues: Protective Effect of Melatonin. Medicina (Lithuania), 2019, 55, 317.	2.0	31
98	Hesperidin as radioprotector against radiation-induced lung damage in rat: A histopathological study. Journal of Medical Physics, 2017, 42, 25.	0.3	31
99	Modulation of radiation-induced base excision repair pathway gene expression by melatonin. Journal of Medical Physics, 2017, 42, 245.	0.3	31
100	The Effect of Melatonin on Superoxide Dismutase and Glutathione Peroxidase Activity, and Malondialdehyde Levels in the Targeted and the Non-targeted Lung and Heart Tissues after Irradiation in Xenograft Mice Colon Cancer. Current Molecular Pharmacology, 2018, 11, 326-335.	1.5	29
101	Evaluating the Radioprotective Effect of Curcumin on Ratâ€™s Heart Tissues. Current Radiopharmaceuticals, 2019, 12, 23-28.	0.8	29
102	Mitigation of Radiation-induced Pneumonitis and Lung Fibrosis using Alpha-lipoic Acid and Resveratrol. Anti-Inflammatory and Anti-Allergy Agents in Medicinal Chemistry, 2020, 19, 149-157.	1.1	28
103	Melatonin Ameliorates The Production of COX-2, iNOS, and The Formation of 8-OHdG in Non-Targeted Lung Tissue after Pelvic Irradiation. Cell Journal, 2017, 19, 324-331.	0.2	28
104	Dual role of quercetin in enhancing the efficacy of cisplatin in chemotherapy and protection against its side effects: a review. Archives of Physiology and Biochemistry, 2022, 128, 1438-1452.	2.1	27
105	A review of incidence and mortality of colorectal, lung, liver, thyroid, and bladder cancers in Iran and compared to other countries. Wspolczesna Onkologia, 2019, 23, 7-15.	1.4	26
106	Electrophysiological measurements of diabetic peripheral neuropathy: A systematic review. Diabetes and Metabolic Syndrome: Clinical Research and Reviews, 2018, 12, 591-600.	3.6	25
107	MicroRNAs in cancer therapy: Their involvement in oxaliplatin sensitivity/resistance of cancer cells with a focus on colorectal cancer. Life Sciences, 2020, 256, 117973.	4.3	23
108	Nobiletin as an inducer of programmed cell death in cancer: a review. Apoptosis: an International Journal on Programmed Cell Death, 2022, 27, 297-310.	4.9	23

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109	Modulation of the immune system by melatonin; implications for cancer therapy. International Immunopharmacology, 2022, 108, 108890.	3.8	23
110	A review on chest CT scanning parameters implemented in COVID-19 patients: bringing low-dose CT protocols into play. Egyptian Journal of Radiology and Nuclear Medicine, 2021, 52, .	0.6	22
111	Mechanisms for Radioprotection by Melatonin; Can it be Used as a Radiation Countermeasure?. Current Molecular Pharmacology, 2019, 12, 2-11.	1.5	22
112	Evaluating Radioprotective Effect of Hesperidin on Acute Radiation Damage in the Lung Tissue of Rats. Journal of Biomedical Physics and Engineering, 2016, 6, 165-174.	0.9	22
113	Melatonin Modulates Regulation of NOX2 and NOX4 Following Irradiation in the Lung. Current Clinical Pharmacology, 2019, 14, 224-231.	0.6	21
114	Protective Effect of Selenium-L-methionine on Radiation-induced Acute Pneumonitis and Lung Fibrosis in Rat. Current Clinical Pharmacology, 2019, 14, 157-164.	0.6	21
115	Cancer and SOX proteins: New insight into their role in ovarian cancer progression/inhibition. Pharmacological Research, 2020, 161, 105159.	7.1	21
116	Recent advances and future directions in antiâ€tumor activity of cryptotanshinone: A mechanistic review. Phytotherapy Research, 2021, 35, 155-179.	5.8	21
117	Resveratrol Induces Apoptosis and Attenuates Proliferation of MCF-7 Cells in Combination with Radiation and Hyperthermia. Current Molecular Medicine, 2021, 21, 142-150.	1.3	21
118	Protective Effect of Metformin, Resveratrol and Alpha-lipoic Acid on Radiation- Induced Pneumonitis and Fibrosis: A Histopathological Study. Current Drug Research Reviews, 2019, 11, 111-117.	1.4	20
119	Crosstalk of Long Non-coding RNAs and EMT: Searching the Missing Pieces of an Incomplete Puzzle for Lung Cancer Therapy. Current Cancer Drug Targets, 2021, 21, 640-665.	1.6	20
120	Redox interactions-induced cardiac toxicity in cancer therapy. Archives of Biochemistry and Biophysics, 2021, 708, 108952.	3.0	20
121	Cardiac inflammation and fibrosis following chemo/radiation therapy: mechanisms and therapeutic agents. Inflammopharmacology, 2022, 30, 73-89.	3.9	19
122	Role of Tumor Microenvironment in Cancer Stem Cells Resistance to Radiotherapy. Current Cancer Drug Targets, 2022, 22, 18-30.	1.6	19
123	Thyroid function following breast cancer chemotherapy: A systematic review. Journal of Cellular Biochemistry, 2019, 120, 12101-12107.	2.6	18
124	Different Methods of Measuring Neutron Dose/Fluence Generated During Radiation Therapy with Megavoltage Beams. Health Physics, 2020, 118, 65-74.	0.5	18
125	Melatonin Attenuates Upregulation of Duox1 and Duox2 and Protects against Lung Injury following Chest Irradiation in Rats. Cell Journal, 2019, 21, 236-242.	0.2	18
126	Radiation-Induced Oxidative Stress at Out-of-Field Lung Tissues after Pelvis Irradiation in Rats. Cell Journal, 2016, 18, 340-5.	0.2	18

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127	Selenium as an adjuvant for modification of radiation response. Journal of Cellular Biochemistry, 2019, 120, 18559-18571.	2.6	17
128	Mitigation of radiationâ€induced hematopoietic system injury by melatonin. Environmental Toxicology, 2020, 35, 815-821.	4.0	17
129	Metformin Protects Against Radiation-Induced Heart Injury and Attenuates the Upregulation of Dual Oxidase Genes Following Rat's Chest Irradiation. International Journal of Molecular and Cellular Medicine, 2018, 7, 193-202.	1.1	17
130	Curcumin Mitigates Radiation-induced Lung Pneumonitis and Fibrosis in Rats. International Journal of Molecular and Cellular Medicine, 2018, 7, 212-219.	1.1	17
131	Protection Against Radiation-Induced Micronuclei in Rat Bone Marrow Erythrocytes by Curcumin and Selenium L-Methionine. Iranian Journal of Medical Sciences, 2018, 43, 645-652.	0.4	17
132	Radiation-induced Non-targeted Effect and Carcinogenesis; Implications in Clinical Radiotherapy. Journal of Biomedical Physics and Engineering, 2018, 8, 435-446.	0.9	17
133	The mRNA Expression and Circulating Levels of Visfatin and Their Correlation with Coronary Artery Disease Severity and 25-Hydroxyvitamin D. Hormone and Metabolic Research, 2016, 48, 269-274.	1.5	16
134	Resveratrol targeting tau proteins, amyloidâ€beta aggregations, and their adverse effects: An updated review. Phytotherapy Research, 2020, 34, 2867-2888.	5.8	16
135	Suberosin Attenuates the Proliferation of MCF-7 Breast Cancer Cells in Combination with Radiotherapy or Hyperthermia. Current Drug Research Reviews, 2021, 13, 148-153.	1.4	16
136	C-Myc Signaling Pathway in Treatment and Prevention of Brain Tumors. Current Cancer Drug Targets, 2021, 21, 2-20.	1.6	15
137	Evaluating the protective effect of resveratrol, Q10, and alpha-lipoic acid on radiation-induced mice spermatogenesis injury: A histopathological study. International Journal of Reproductive BioMedicine, 2019, 17, 907-914.	0.9	15
138	Biochemical and Histopathological Evaluation of the Radioprotective Effects of Melatonin Against Gamma Ray-Induced Skin Damage. Current Radiopharmaceuticals, 2019, 12, 72-81.	0.8	15
139	Radiation-induced Non-targeted Effect and Carcinogenesis; Implications in Clinical Radiotherapy. Journal of Biomedical Physics and Engineering, 2018, 8, .	0.9	15
140	Mechanisms of cancer cell killing by metformin: a review on different cell death pathways. Molecular and Cellular Biochemistry, 2023, 478, 197-214.	3.1	15
141	Injectable hyaluronic acid-based antibacterial hydrogel adorned with biogenically synthesized AgNPs-decorated multi-walled carbon nanotubes. Progress in Biomaterials, 2021, 10, 77-89.	4.5	14
142	Mitigation of Radiation-induced Gastrointestinal System Injury using Resveratrol or Alpha-lipoic Acid: A Pilot Histopathological Study. Anti-Inflammatory and Anti-Allergy Agents in Medicinal Chemistry, 2020, 19, 413-424.	1.1	14
143	Quercetin in Attenuation of Ischemic/Reperfusion Injury: A Review. Current Molecular Pharmacology, 2021, 14, 537-558.	1.5	14
144	Effect of Nano-Curcumin on Radiotherapy-Induced Skin Reaction in Breast Cancer Patients: A Randomized, Triple-Blind, Placebo-Controlled Trial. Current Radiopharmaceuticals, 2022, 15, 332-340.	0.8	14

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145	Protection from Radiation-induced Damage in Ratâ€™s Ileum and Colon by Combined Regimens of Melatonin and Metformin: A Histopathological Study. Anti-Inflammatory and Anti-Allergy Agents in Medicinal Chemistry, 2020, 19, 180-189.	1.1	13
146	Curcumin Protects Against Radiotherapy-Induced Oxidative Injury to the Skin . Drug Design, Development and Therapy, 2020, Volume 14, 3159-3163.	4.3	13
147	Selenium-L-methionine modulates radiation injury and Duox1 and Duox2 upregulation in ratâ€™s heart tissues. Journal of Cardiovascular and Thoracic Research, 2019, 11, 121-126.	0.9	13
148	Radiation-induced non-targeted effect in vivo: Evaluation of cyclooygenase-2 and endothelin-1 gene expression in rat heart tissues. Journal of Cancer Research and Therapeutics, 2017, 13, 51.	0.9	13
149	Redox Interactions in Chemo/Radiation Therapy-induced Lung Toxicity; Mechanisms and Therapy Perspectives. Current Drug Targets, 2022, 23, 1261-1276.	2.1	13
150	Genomic Instability and Carcinogenesis of Heavy Charged Particles Radiation: Clinical and Environmental Implications. Medicina (Lithuania), 2019, 55, 591.	2.0	12
151	Evaluating the effectiveness of combined radiotherapy and hyperthermia for the treatment response of patients with painful bony metastases: A phase 2 clinical trial. Journal of Thermal Biology, 2019, 84, 129-135.	2.5	9
152	Celecoxib A Selective COX-2 Inhibitor Mitigates Fibrosis but not Pneumonitis Following Lung Irradiation: A Histopathological Study. Current Drug Therapy, 2020, 15, 351-357.	0.3	9
153	Flaming the fight against cancer cells: the role of microRNA-93. Cancer Cell International, 2020, 20, 277.	4.1	9
154	Histopathological and Functional Evaluation of Radiation-Induced Sciatic Nerve Damage: Melatonin as Radioprotector. Medicina (Lithuania), 2019, 55, 502.	2.0	8
155	Evaluation of the Radioprotective Effects of Melatonin Against Ionizing Radiation-Induced Muscle Tissue Injury. Current Radiopharmaceuticals, 2019, 12, 247-255.	0.8	8
156	The Radioprotective Effect of Combination of Melatonin and Metformin on Rat Duodenum Damage Induced by Ionizing Radiation: A Histological Study. Advanced Biomedical Research, 2019, 8, 51.	0.5	8
157	Bystander effect and second primary cancers following radiotherapy: What are its significances?. Journal of Medical Physics, 2017, 42, 55.	0.3	8
158	Boosting Anti-tumour Immunity Using Adjuvant Apigenin. Anti-Cancer Agents in Medicinal Chemistry, 2023, 23, 266-277.	1.7	8
159	Direct haplotyping of bi-allelic SNPs using ARMS and RFLP analysis techniques. New Biotechnology, 2007, 24, 609-612.	2.7	7
160	SORT maneuver for nasogastric tube insertion. Anaesthesia, 2016, 71, 351-351.	3.8	7
161	Radioprotective effect of a combination of melatonin and metformin on mice spermatogenesis: A histological study. International Journal of Reproductive BioMedicine, 2020, 18, 1073-1080.	0.9	7
162	Berberine Administration in Treatment of Colitis: A Review. Current Drug Targets, 2020, 21, 1385-1393.	2.1	6

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163	Recent Finding in Repair of the Peripheral Nerve Lesions Using Pharmacological Agents: Common Methods for Evaluating the Repair Process. Central Nervous System Agents in Medicinal Chemistry, 2018, 18, 161-172.	1.1	6
164	Evaluating the Expression of NOX2 and NOX4 Signaling Pathways in Rats' Lung Tissues Following Local Chest Irradiation; Modulatory Effect of Melatonin. International Journal of Molecular and Cellular Medicine, 2018, 7, 220-225.	1.1	6
165	Metformin Protects the Rat Small Intestine Against Radiation Enteritis. Jundishapur Journal of Natural Pharmaceutical Products, 2019, 14, .	0.6	6
166	Imperatorin Attenuates the Proliferation of MCF-7 Cells in Combination with Radiotherapy or Hyperthermia. Current Radiopharmaceuticals, 2022, 15, 236-241.	0.8	5
167	DFT Study of CN Oxidation (CN + Â½O2 â† OCN) on the Surfaces of Chromium-Doped Nanotubes (Crâ€“CNT) Tj ETQq1 1 0.784314 rg	1.3	4
168	Mitigation of Radiation-Induced Gastrointestinal System Injury by Melatonin: A Histopathological Study. Current Drug Research Reviews, 2020, 12, 72-79.	1.4	4
169	Evaluating the Protective Effect of a Combination of Curcumin and Selenium-L-Methionine on Radiation Induced Dual Oxidase Upregulation. Pharmaceutical Sciences, 2018, 24, 340-345.	0.2	4
170	The Effect of Prostate Cancer Radiotherapy on Testosterone Level: A Systematic Review and Meta-analysis. Anti-Cancer Agents in Medicinal Chemistry, 2020, 20, 636-642.	1.7	4
171	Melatonin Ameliorates Radiation-induced Sciatic Nerve Injury. Letters in Drug Design and Discovery, 2019, 17, 21-30.	0.7	3
172	Modulation of Radiation-Induced NADPH Oxidases in Ratâ€™s Heart Tissues by Melatonin. Journal of Biomedical Physics and Engineering, 2021, 11, 465-472.	0.9	3
173	Glucosamine Protects Rat Bone Marrow Cells Against Cisplatin-induced Genotoxicity and Cytotoxicity. Anti-Cancer Agents in Medicinal Chemistry, 2019, 19, 1695-1702.	1.7	3
174	Brachial Plexopathy as a Complication of Radiotherapy: A Systematic Review. Current Cancer Therapy Reviews, 2020, 16, 110-120.	0.3	2
175	The inhibitory effect of melatonin on the proliferation of irradiated A549 cell line. Journal of Cancer Research and Therapeutics, 2020, 16, 1500.	0.9	2
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