

Ahmed E Musa

List of Publications by Year in descending order

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62
papers

1,959
citations

270111

25
h-index

299063

42
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62
all docs

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docs citations

62
times ranked

1873
citing authors

#	ARTICLE	IF	CITATIONS
1	Regulation of Cell Death Mechanisms by Melatonin: Implications in Cancer Therapy. <i>Anti-Cancer Agents in Medicinal Chemistry</i> , 2022, 22, 2080-2090.	0.9	7
2	Role of Tumor Microenvironment in Cancer Stem Cells Resistance to Radiotherapy. <i>Current Cancer Drug Targets</i> , 2022, 22, 18-30.	0.8	19
3	Imperatorin Attenuates the Proliferation of MCF-7 Cells in Combination with Radiotherapy or Hyperthermia. <i>Current Radiopharmaceuticals</i> , 2022, 15, 236-241.	0.3	5
4	Modulation of Radiation-Induced NADPH Oxidases in Rat's Heart Tissues by Melatonin. <i>Journal of Biomedical Physics and Engineering</i> , 2021, 11, 465-472.	0.5	3
5	Protection Against Radiation-Induced Duox1 and Duox2 Upregulation in Rat's Lung Tissues by a Combination of Curcumin and L-Selenomethionine. <i>Jundishapur Journal of Natural Pharmaceutical Products</i> , 2021, 16, .	0.3	0
6	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
7	Boosting immune system against cancer by resveratrol. <i>Phytotherapy Research</i> , 2021, 35, 5514-5526.	2.8	27
8	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
9	Mitigation of Radiation-induced Pneumonitis and Lung Fibrosis using Alpha-lipoic Acid and Resveratrol. <i>Anti-Inflammatory and Anti-Allergy Agents in Medicinal Chemistry</i> , 2020, 19, 149-157.	1.1	28
10	Protection from Radiation-induced Damage in Rat's Ileum and Colon by Combined Regimens of Melatonin and Metformin: A Histopathological Study. <i>Anti-Inflammatory and Anti-Allergy Agents in Medicinal Chemistry</i> , 2020, 19, 180-189.	1.1	13
11	The interactions and communications in tumor resistance to radiotherapy: Therapy perspectives. <i>International Immunopharmacology</i> , 2020, 87, 106807.	1.7	46
12	<p>Curcumin Protects Against Radiotherapy-Induced Oxidative Injury to the Skin<p>. <i>Drug Design, Development and Therapy</i> , 2020, Volume 14, 3159-3163.	2.0	13
13	Radiation protection by Ex-RAD: a systematic review. <i>Environmental Science and Pollution Research</i> , 2020, 27, 33592-33600.	2.7	10
14	Abscopal effect in radioimmunotherapy. <i>International Immunopharmacology</i> , 2020, 85, 106663.	1.7	77
15	Targeting of cellular redox metabolism for mitigation of radiation injury. <i>Life Sciences</i> , 2020, 250, 117570.	2.0	44
16	TGF- β 2 in radiotherapy: Mechanisms of tumor resistance and normal tissues injury. <i>Pharmacological Research</i> , 2020, 155, 104745.	3.1	90
17	Celecoxib A Selective COX-2 Inhibitor Mitigates Fibrosis but not Pneumonitis Following Lung Irradiation: A Histopathological Study. <i>Current Drug Therapy</i> , 2020, 15, 351-357.	0.2	9
18	Damage-associated molecular patterns in tumor radiotherapy. <i>International Immunopharmacology</i> , 2020, 86, 106761.	1.7	71

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19	Targets for protection and mitigation of radiation injury. Cellular and Molecular Life Sciences, 2020, 77, 3129-3159.	2.4	44
20	A review of various modalities in breast imaging: technical aspects and clinical outcomes. Egyptian Journal of Radiology and Nuclear Medicine, 2020, 51, .	0.3	83
21	Resveratrol as an Adjuvant for Normal Tissues Protection and Tumor Sensitization. Current Cancer Drug Targets, 2020, 20, 130-145.	0.8	55
22	Evaluating Radioprotection of Rat's Jejunum by a Combination of Melatonin and Metformin. Letters in Drug Design and Discovery, 2020, 17, 479-484.	0.4	1
23	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
24	Radioprotective effect of a combination of melatonin and metformin on mice spermatogenesis: A histological study. International Journal of Reproductive BioMedicine, 2020, 18, 1073-1080.	0.5	7
25	Efficacy and toxicity of FLASH radiotherapy: A systematic review. Journal of Cancer Research and Therapeutics, 2020, 16, 1203.	0.3	6
26	Intercellular communications-redox interactions in radiation toxicity; potential targets for radiation mitigation. Journal of Cell Communication and Signaling, 2019, 13, 3-16.	1.8	54
27	Melatonin as an adjuvant in radiotherapy for radioprotection and radiosensitization. Clinical and Translational Oncology, 2019, 21, 268-279.	1.2	88
28	Mitigation of Radiation-Induced Lung Pneumonitis and Fibrosis Using Metformin and Melatonin: A Histopathological Study. Medicina (Lithuania), 2019, 55, 417.	0.8	32
29	Radioprotective Effect of Hesperidin: A Systematic Review. Medicina (Lithuania), 2019, 55, 370.	0.8	17
30	Clinical Applications of Melatonin in Radiotherapy: a Review. SN Comprehensive Clinical Medicine, 2019, 1, 575-583.	0.3	5
31	Protective Effect of Melatonin Against Radiotherapy-Induced Small Intestinal Oxidative Stress: Biochemical Evaluation. Medicina (Lithuania), 2019, 55, 308.	0.8	13
32	Radiation-Induced Dual Oxidase Upregulation in Rat Heart Tissues: Protective Effect of Melatonin. Medicina (Lithuania), 2019, 55, 317.	0.8	31
33	Boosting immune system against cancer by melatonin: A mechanistic viewpoint. Life Sciences, 2019, 238, 116960.	2.0	55
34	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.	0.7	20
35	Targets for improving tumor response to radiotherapy. International Immunopharmacology, 2019, 76, 105847.	1.7	62
36	Histopathological and Functional Evaluation of Radiation-Induced Sciatic Nerve Damage: Melatonin as Radioprotector. Medicina (Lithuania), 2019, 55, 502.	0.8	8

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37	Genomic Instability and Carcinogenesis of Heavy Charged Particles Radiation: Clinical and Environmental Implications. <i>Medicina (Lithuania)</i> , 2019, 55, 591.	0.8	12
38	Selenium as an adjuvant for modification of radiation response. <i>Journal of Cellular Biochemistry</i> , 2019, 120, 18559-18571.	1.2	17
39	Modulation of apoptosis by melatonin for improving cancer treatment efficiency: An updated review. <i>Life Sciences</i> , 2019, 228, 228-241.	2.0	103
40	Radiation-Induced Heart Diseases: Protective Effects of Natural Products. <i>Medicina (Lithuania)</i> , 2019, 55, 126.	0.8	27
41	NF- κ B targeting for overcoming tumor resistance and normal tissues toxicity. <i>Journal of Cellular Physiology</i> , 2019, 234, 17187-17204.	2.0	84
42	Metformin as a Radiation Modifier; Implications to Normal Tissue Protection and Tumor Sensitization. <i>Current Clinical Pharmacology</i> , 2019, 14, 41-53.	0.2	65
43	Protective Effect of Selenium-L-methionine on Radiation-induced Acute Pneumonitis and Lung Fibrosis in Rat. <i>Current Clinical Pharmacology</i> , 2019, 14, 157-164.	0.2	21
44	Melatonin Ameliorates Radiation-induced Sciatic Nerve Injury. <i>Letters in Drug Design and Discovery</i> , 2019, 17, 21-30.	0.4	3
45	Selenium-L-methionine modulates radiation injury and Duox1 and Duox2 upregulation in rat's heart tissues. <i>Journal of Cardiovascular and Thoracic Research</i> , 2019, 11, 121-126.	0.3	13
46	Evaluating the protective effect of resveratrol, Q10, and alpha-lipoic acid on radiation-induced mice spermatogenesis injury: A histopathological study. <i>International Journal of Reproductive BioMedicine</i> , 2019, 17, 907-914.	0.5	15
47	Mechanisms for Radioprotection by Melatonin; Can it be Used as a Radiation Countermeasure?. <i>Current Molecular Pharmacology</i> , 2019, 12, 2-11.	0.7	22
48	NADPH Oxidase as a Target for Modulation of Radiation Response; Implications to Carcinogenesis and Radiotherapy. <i>Current Molecular Pharmacology</i> , 2019, 12, 50-60.	0.7	67
49	Evaluating the Radioprotective Effect of Curcumin on Rat's Heart Tissues. <i>Current Radiopharmaceuticals</i> , 2019, 12, 23-28.	0.3	29
50	Biochemical and Histopathological Evaluation of the Radioprotective Effects of Melatonin Against Gamma Ray-Induced Skin Damage. <i>Current Radiopharmaceuticals</i> , 2019, 12, 72-81.	0.3	15
51	Evaluation of the Radioprotective Effects of Melatonin Against Ionizing Radiation-Induced Muscle Tissue Injury. <i>Current Radiopharmaceuticals</i> , 2019, 12, 247-255.	0.3	8
52	Melatonin Attenuates Upregulation of Duox1 and Duox2 and Protects against Lung Injury following Chest Irradiation in Rats. <i>Cell Journal</i> , 2019, 21, 236-242.	0.2	18
53	The Radioprotective Effect of Combination of Melatonin and Metformin on Rat Duodenum Damage Induced by Ionizing Radiation: A Histological Study. <i>Advanced Biomedical Research</i> , 2019, 8, 51.	0.2	8
54	Prevalence of high blood pressure in Iranian adults based on the 2017 ACC/AHA guideline. <i>Medical Journal of the Islamic Republic of Iran</i> , 2019, 33, 26.	0.9	1

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55	Reductionâ€œoxidation (redox) system in radiation-induced normal tissue injury: molecular mechanisms and implications in radiation therapeutics. <i>Clinical and Translational Oncology</i> , 2018, 20, 975-988.	1.2	105
56	Radiation-induced inflammation and autoimmune diseases. <i>Military Medical Research</i> , 2018, 5, 9.	1.9	88
57	Metformin Protects against Radiation-Induced Pneumonitis and Fibrosis and Attenuates Upregulation of Dual Oxidase Genes Expression. <i>Advanced Pharmaceutical Bulletin</i> , 2018, 8, 697-704.	0.6	36
58	Evaluating the Protective Effect of a Combination of Curcumin and Selenium-L-Methionine on Radiation Induced Dual Oxidase Upregulation. <i>Pharmaceutical Sciences</i> , 2018, 24, 340-345.	0.1	4
59	Recent Finding in Repair of the Peripheral Nerve Lesions Using Pharmacological Agents: Common Methods for Evaluating the Repair Process. <i>Central Nervous System Agents in Medicinal Chemistry</i> , 2018, 18, 161-172.	0.5	6
60	Radiation Protection and Mitigation by Natural Antioxidants and Flavonoids: Implications to Radiotherapy and Radiation Disasters. <i>Current Molecular Pharmacology</i> , 2018, 11, 285-304.	0.7	75
61	Metformin Protects Against Radiation-Induced Heart Injury and Attenuates the Upregulation of Dual Oxidase Genes Following Rat's Chest Irradiation. <i>International Journal of Molecular and Cellular Medicine</i> , 2018, 7, 193-202.	1.1	17
62	Evaluating the Expression of NOX2 and NOX4 Signaling Pathways in Rats' Lung Tissues Following Local Chest Irradiation; Modulatory Effect of Melatonin. <i>International Journal of Molecular and Cellular Medicine</i> , 2018, 7, 220-225.	1.1	6