

Mohamed K Abdel-Rafei

List of Publications by Year in descending order

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Version: 2024-02-01

14
papers

154
citations

1163065

8
h-index

1125717

13
g-index

15
all docs

15
docs citations

15
times ranked

177
citing authors

#	ARTICLE	IF	CITATIONS
1	Diosmin attenuates radiation-induced hepatic fibrosis by boosting PPAR- β expression and hampering miR-17-5p-activated canonical Wnt/ β -catenin signaling. <i>Biochemistry and Cell Biology</i> , 2017, 95, 400-414.	2.0	33
2	Canagliflozin, a SGLT-2 inhibitor, relieves ER stress, modulates autophagy and induces apoptosis in irradiated HepG2 cells: Signal transduction between PI3K/AKT/GSK-3 β /mTOR and Wnt/ β -catenin pathways; in vitro. <i>Journal of Cancer Research and Therapeutics</i> , 2021, 17, 1404.	0.9	19
3	Influence of Ce ₃₊ Substitution on Antimicrobial and Antibiofilm Properties of Zn _{1-x} Ce _x Fe ₂ O ₄ Nanoparticles (X = 0.0, 0.02, 0.04, 0.06, and 0.08) Conjugated with Ebselen and Its Role Subsidised with β -Radiation in Mitigating Human TNBC and Colorectal Adenocarcinoma Proliferation In Vitro. <i>International Journal of Molecular Sciences</i> , 2021, 22, 10171.	4.1	18
4	Boswellic acid protects against Bisphenol-A and gamma radiation induced hepatic steatosis and cardiac remodelling in rats: role of hepatic PPAR- α /P38 and cardiac Calcineurin-A/NFATc1/P38 pathways. <i>Archives of Physiology and Biochemistry</i> , 2020, , 1-19.	2.1	13
5	Fucoxanthin alters the apelin-13/APJ pathway in certain organs of β -irradiated mice. <i>Journal of Radiation Research</i> , 2021, 62, 600-617.	1.6	12
6	Dual Hyaluronic Acid and Folic Acid Targeting pH-Sensitive Multifunctional 2DG@DCA@MgO-Nano-Core@Shell-Radiosensitizer for Breast Cancer Therapy. <i>Cancers</i> , 2021, 13, 5571.	3.7	12
7	Synergistic effect of cranberry extract and losartan against aluminium chloride-induced hepatorenal damage associated cardiomyopathy in rats. <i>Archives of Physiology and Biochemistry</i> , 2019, 125, 357-366.	2.1	11
8	Modulatory effect of methylsulfonylmethane against BPA/ β -radiation induced neurodegenerative alterations in rats: Influence of TREM-2/DAP-12/Syk pathway. <i>Life Sciences</i> , 2020, 260, 118410.	4.3	10
9	Cholinergic and cytoprotective signaling cascades mediate the mitigative effect of erythropoietin on acute radiation syndrome. <i>Canadian Journal of Physiology and Pharmacology</i> , 2018, 96, 442-458.	1.4	8
10	Modulation of the Nitric Oxide/BH ₄ Pathway Protects Against Irradiation-Induced Neuronal Damage. <i>Neurochemical Research</i> , 2021, 46, 1641-1658.	3.3	7
11	Crosstalk between ER-stress and apoptosis in irradiated HepG2 cells with gemcitabine: implication of PI3K/AKT and I β B/NF- κ B signaling pathways. <i>Journal of Radiation Research and Applied Sciences</i> , 2020, 13, 144-154.	1.2	5
12	Roles of Simvastatin and Sildenafil in Modulation of Cranial Irradiation-Induced Bystander Multiple Organs Injury in Rats. <i>Inflammation</i> , 2021, 44, 2554-2579.	3.8	3
13	<i>Withania somnifera</i> (Ashwagandha) root extract counteract acute and chronic impact of β -radiation on liver and spleen of rats. <i>Human and Experimental Toxicology</i> , 2022, 41, 096032712211063.	2.2	3
14	Role of leptin/STAT3 signaling and RIP-kinases in fucoxanthin influences on mice exposed to LPS and gamma radiation. <i>Toxin Reviews</i> , 2023, 42, 18-39.	3.4	0