

# Mohamed K Abdel-Rafei

## 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.

13  
papers

77  
citations

5  
h-index

8  
g-index

15  
ext. papers

107  
ext. citations

3.5  
avg, IF

3.01  
L-index

#	Paper	IF	Citations
13	Withania somnifera (Ashwagandha) root extract counteract acute and chronic impact of $\gamma$ radiation on liver and spleen of rats. <i>Human and Experimental Toxicology</i> , <b>2022</b> , 41, 096032712211063	3.4	1
12	Modulation of the Nitric Oxide/BH4 Pathway Protects Against Irradiation-Induced Neuronal Damage. <i>Neurochemical Research</i> , <b>2021</b> , 46, 1641-1658	4.6	2
11	Fucoxanthin alters the apelin-13/APJ pathway in certain organs of $\gamma$ irradiated mice. <i>Journal of Radiation Research</i> , <b>2021</b> , 62, 600-617	2.4	5
10	Canagliflozin, a SGLT-2 inhibitor, relieves ER stress, modulates autophagy and induces apoptosis in irradiated HepG2 cells: Signal transduction between PI3K/AKT/GSK-3 $\beta$ /mTOR and Wnt/ $\beta$ catenin pathways; .. <i>Journal of Cancer Research and Therapeutics</i> , <b>2021</b> , 17, 1404-1418	1.2	4
9	Roles of Simvastatin and Sildenafil in Modulation of Cranial Irradiation-Induced Bystander Multiple Organs Injury in Rats. <i>Inflammation</i> , <b>2021</b> , 44, 2554-2579	5.1	1
8	Influence of Ce Substitution on Antimicrobial and Antibiofilm Properties of ZnCeFeO Nanoparticles (X = 0.0, 0.02, 0.04, 0.06, and 0.08) Conjugated with Ebselen and Its Role Subsidised with $\gamma$ Radiation in Mitigating Human TNBC and Colorectal Adenocarcinoma Proliferation In Vitro. <i>International Journal of Molecular Sciences</i> , <b>2021</b> , 22	6.3	8
7	Crosstalk between ER-stress and apoptosis in irradiated HepG2 cells with gemcitabine: implication of PI3K/AKT and IB/NF- $\kappa$ B signaling pathways. <i>Journal of Radiation Research and Applied Sciences</i> , <b>2020</b> , 13, 144-154	1.5	4
6	Boswellic acid protects against Bisphenol-A and gamma radiation induced hepatic steatosis and cardiac remodelling in rats: role of hepatic PPAR- $\gamma$ /P38 and cardiac Calcineurin-A/NFATc1/P38 pathways. <i>Archives of Physiology and Biochemistry</i> , <b>2020</b> , 1-19	2.2	7
5	Modulatory effect of methylsulfonylmethane against BPA/ $\gamma$ radiation induced neurodegenerative alterations in rats: Influence of TREM-2/DAP-12/Syk pathway. <i>Life Sciences</i> , <b>2020</b> , 260, 118410	6.8	4
4	Synergistic effect of cranberry extract and losartan against aluminium chloride-induced hepatorenal damage associated cardiomyopathy in rats. <i>Archives of Physiology and Biochemistry</i> , <b>2019</b> , 125, 357-366	2.2	6
3	Cholinergic and cytoprotective signaling cascades mediate the mitigative effect of erythropoietin on acute radiation syndrome. <i>Canadian Journal of Physiology and Pharmacology</i> , <b>2018</b> , 96, 442-458	2.4	6
2	Diosmin attenuates radiation-induced hepatic fibrosis by boosting PPAR- $\alpha$ expression and hampering miR-17-5p-activated canonical Wnt/ $\beta$ catenin signaling. <i>Biochemistry and Cell Biology</i> , <b>2017</b> , 95, 400-414	3.6	28
1	Role of leptin/STAT3 signaling and RIP-kinases in fucoxanthin influences on mice exposed to LPS and gamma radiation. <i>Toxin Reviews</i> , 1-22	2.3	