

# Mohamed E Moustafa

## 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.

28

papers

963

citations

14

h-index

28

g-index

28

ext. papers

1,042

ext. citations

4.1

avg, IF

3.18

L-index

#	Paper	IF	Citations
28	Effects of Wi-Fi Radiofrequency Radiation on Carbapenem-Resistant <i>Klebsiella pneumoniae</i> . <i>Bioelectromagnetics</i> , <b>2021</b> , 42, 575-582	1.6	0
27	Selenium decreases triglycerides and VLDL-c in diabetic rats exposed to electromagnetic radiation from mobile phone base stations. <i>Journal of Taibah University for Science</i> , <b>2019</b> , 13, 844-849	3	0
26	The impact of exposure of diabetic rats to 900 MHz electromagnetic radiation emitted from mobile phone antenna on hepatic oxidative stress. <i>Electromagnetic Biology and Medicine</i> , <b>2019</b> , 38, 287-296	2.2	2
25	Effects of selenium supplementation on lung oxidative stress after exposure to exhaust emissions from pyrolysis oil, biodiesel and diesel. <i>Toxicology Mechanisms and Methods</i> , <b>2019</b> , 29, 616-622	3.6	2
24	Global gene expression analysis of <i>Escherichia coli</i> K-12 DH5 $\alpha$ after exposure to 2.4 GHz wireless fidelity radiation. <i>Scientific Reports</i> , <b>2019</b> , 9, 14425	4.9	9
23	Selenium and Exendin-4 Combination is a Promising Therapeutic Approach for Diabetes Mellitus. <i>FASEB Journal</i> , <b>2018</b> , 32, 670.5	0.9	
22	Effects of selenium administration on oxidative stress in the lungs of mice exposed to pyrolysis oil vapours. <i>Journal of Taibah University for Science</i> , <b>2018</b> , 12, 705-710	3	2
21	The Protective Effect of Selenium on Oxidative Stress Induced by Waterpipe (Narghile) Smoke in Lungs and Liver of Mice. <i>Biological Trace Element Research</i> , <b>2016</b> , 174, 392-401	4.5	18
20	Effects of exendin-4 and selenium on the expression of GLP-1R, IRS-1, and preproinsulin in the pancreas of diabetic rats. <i>Journal of Physiology and Biochemistry</i> , <b>2016</b> , 73, 387-394	5	6
19	Selenium and selenoprotein deficiencies induce widespread pyogranuloma formation in mice, while high levels of dietary selenium decrease liver tumor size driven by TGF $\beta$ . <i>PLoS ONE</i> , <b>2013</b> , 8, e57389	3.7	21
18	A bioinformatics approach to characterize mammalian selenoprotein T. <i>Biochemical Genetics</i> , <b>2012</b> , 50, 736-47	2.4	17
17	Effects of selenium and exendin-4 on glucagon-like peptide-1 receptor, IRS-1, and Raf-1 in the liver of diabetic rats. <i>Biochemical Genetics</i> , <b>2012</b> , 50, 922-35	2.4	10
16	Regulation of selenoproteins and methionine sulfoxide reductases A and B1 by age, calorie restriction, and dietary selenium in mice. <i>Antioxidants and Redox Signaling</i> , <b>2010</b> , 12, 829-38	8.4	47
15	Selective restoration of the selenoprotein population in a mouse hepatocyte selenoproteinless background with different mutant selenocysteine tRNAs lacking Um34. <i>Journal of Biological Chemistry</i> , <b>2007</b> , 282, 32591-602	5.4	53
14	Selenoprotein deficiency and high levels of selenium compounds can effectively inhibit hepatocarcinogenesis in transgenic mice. <i>Oncogene</i> , <b>2005</b> , 24, 8003-11	9.2	96
13	Mammalian selenoprotein thioredoxin-glutathione reductase. Roles in disulfide bond formation and sperm maturation. <i>Journal of Biological Chemistry</i> , <b>2005</b> , 280, 26491-8	5.4	146
12	In utero gene therapy: prospect and future. <i>Current Pharmaceutical Design</i> , <b>2004</b> , 10, 3663-72	3.3	6

11	Chimerism and tolerance post-in utero transplantation with embryonic stem cells. <i>Transplantation</i> , <b>2004</b> , 78, 1274-82	1.8	10
10	Models for assessing the role of selenoproteins in health. <i>Journal of Nutrition</i> , <b>2003</b> , 133, 2494S-2496S	4.1	20
9	Selenoprotein-deficient transgenic mice exhibit enhanced exercise-induced muscle growth. <i>Journal of Nutrition</i> , <b>2003</b> , 133, 3091-7	4.1	68
8	Selective inhibition of selenocysteine tRNA maturation and selenoprotein synthesis in transgenic mice expressing isopentenyladenosine-deficient selenocysteine tRNA. <i>Molecular and Cellular Biology</i> , <b>2001</b> , 21, 3840-52	4.8	118
7	Mammalian selenocysteine tRNA <b>2001</b> , 23-32		8
6	Inhibition of selenoprotein synthesis by selenocysteine tRNA[Ser] <sup>Sec</sup> lacking isopentenyladenosine. <i>Journal of Biological Chemistry</i> , <b>2000</b> , 275, 28110-9	5.4	104
5	Multiple levels of regulation of selenoprotein biosynthesis revealed from the analysis of human glioma cell lines. <i>Biochemical Pharmacology</i> , <b>2000</b> , 60, 489-97	6	13
4	Structure-expression relationships of the 15-kDa selenoprotein gene. Possible role of the protein in cancer etiology. <i>Journal of Biological Chemistry</i> , <b>2000</b> , 275, 35540-7	5.4	127
3	Biosynthesis of Selenocysteine and its Incorporation into Proteins as the 21st Amino Acid <b>1999</b> , 353-380		29
2	Selenium metabolism in <i>Drosophila</i> . Characterization of the selenocysteine tRNA population. <i>Journal of Biological Chemistry</i> , <b>1999</b> , 274, 18729-34	5.4	11
1	Overproduction of selenocysteine tRNA in Chinese hamster ovary cells following transfection of the mouse tRNA[Ser] <sup>Sec</sup> gene. <i>Rna</i> , <b>1998</b> , 4, 1436-43	5.8	20