

Mohamed E Moustafa

List of Publications by Citations

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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	Mammalian selenoprotein thioredoxin-glutathione reductase. Roles in disulfide bond formation and sperm maturation. <i>Journal of Biological Chemistry</i> , 2005 , 280, 26491-8	5.4	146
27	Structure-expression relationships of the 15-kDa selenoprotein gene. Possible role of the protein in cancer etiology. <i>Journal of Biological Chemistry</i> , 2000 , 275, 35540-7	5.4	127
26	Selective inhibition of selenocysteine tRNA maturation and selenoprotein synthesis in transgenic mice expressing isopentenyladenosine-deficient selenocysteine tRNA. <i>Molecular and Cellular Biology</i> , 2001 , 21, 3840-52	4.8	118
25	Inhibition of selenoprotein synthesis by selenocysteine tRNA[Ser] ^{Sec} lacking isopentenyladenosine. <i>Journal of Biological Chemistry</i> , 2000 , 275, 28110-9	5.4	104
24	Selenoprotein deficiency and high levels of selenium compounds can effectively inhibit hepatocarcinogenesis in transgenic mice. <i>Oncogene</i> , 2005 , 24, 8003-11	9.2	96
23	Selenoprotein-deficient transgenic mice exhibit enhanced exercise-induced muscle growth. <i>Journal of Nutrition</i> , 2003 , 133, 3091-7	4.1	68
22	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> , 2007 , 282, 32591-602	5.4	53
21	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> , 2010 , 12, 829-38	8.4	47
20	Biosynthesis of Selenocysteine and its Incorporation into Proteins as the 21st Amino Acid 1999 , 353-380		29
19	Selenium and selenoprotein deficiencies induce widespread pyogranuloma formation in mice, while high levels of dietary selenium decrease liver tumor size driven by TGF β . <i>PLoS ONE</i> , 2013 , 8, e57389	3.7	21
18	Models for assessing the role of selenoproteins in health. <i>Journal of Nutrition</i> , 2003 , 133, 2494S-2496S	4.1	20
17	Overproduction of selenocysteine tRNA in Chinese hamster ovary cells following transfection of the mouse tRNA[Ser] ^{Sec} gene. <i>Rna</i> , 1998 , 4, 1436-43	5.8	20
16	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> , 2016 , 174, 392-401	4.5	18
15	A bioinformatics approach to characterize mammalian selenoprotein T. <i>Biochemical Genetics</i> , 2012 , 50, 736-47	2.4	17
14	Multiple levels of regulation of selenoprotein biosynthesis revealed from the analysis of human glioma cell lines. <i>Biochemical Pharmacology</i> , 2000 , 60, 489-97	6	13
13	Selenium metabolism in Drosophila. Characterization of the selenocysteine tRNA population. <i>Journal of Biological Chemistry</i> , 1999 , 274, 18729-34	5.4	11
12	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> , 2012 , 50, 922-35	2.4	10

11	Chimerism and tolerance post-in utero transplantation with embryonic stem cells. <i>Transplantation</i> , 2004 , 78, 1274-82	1.8	10
10	Global gene expression analysis of Escherichia coli K-12 DH5 α after exposure to 2.4 GHz wireless fidelity radiation. <i>Scientific Reports</i> , 2019 , 9, 14425	4.9	9
9	Mammalian selenocysteine tRNA 2001 , 23-32		8
8	In utero gene therapy: prospect and future. <i>Current Pharmaceutical Design</i> , 2004 , 10, 3663-72	3.3	6
7	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> , 2016 , 73, 387-394	5	6
6	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> , 2019 , 38, 287-296	2.2	2
5	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> , 2019 , 29, 616-622	3.6	2
4	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> , 2018 , 12, 705-710	3	2
3	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> , 2019 , 13, 844-849	3	0
2	Effects of Wi-Fi Radiofrequency Radiation on Carbapenem-Resistant <i>Klebsiella pneumoniae</i> . <i>Bioelectromagnetics</i> , 2021 , 42, 575-582	1.6	0
1	Selenium and Exendin-4 Combination is a Promising Therapeutic Approach for Diabetes Mellitus. <i>FASEB Journal</i> , 2018 , 32, 670.5	0.9	