

Hanna Moussa

List of Publications by Year in descending order

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Version: 2024-02-01

36
papers

572
citations

687363

13
h-index

642732

23
g-index

37
all docs

37
docs citations

37
times ranked

834
citing authors

#	ARTICLE	IF	CITATIONS
1	Eicosapentaenoic acid regulates brown adipose tissue metabolism in high-fat-fed mice and in clonal brown adipocytes. <i>Journal of Nutritional Biochemistry</i> , 2017, 39, 101-109.	4.2	79
2	Chemical and physical characterization of galactomannan extracted from guar cultivars (Cyamopsis) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	9.2	60
3	Preparation and characterization of transparent cellulose films using an improved cellulose dissolution process. <i>Journal of Applied Polymer Science</i> , 2017, 134, .	2.6	60
4	The Carrington event: Possible doses to crews in space from a comparable event. <i>Advances in Space Research</i> , 2006, 38, 226-231.	2.6	51
5	One-pot synthesis of MnO ₂ @chitin hybrids for effective removal of methylene blue. <i>International Journal of Biological Macromolecules</i> , 2016, 93, 350-358.	7.5	43
6	Curcumin Reduces Adipose Tissue Inflammation and Alters Gut Microbiota in Diet-Induced Obese Male Mice. <i>Molecular Nutrition and Food Research</i> , 2021, 65, e2100274.	3.3	32
7	Protective properties of n-3 fatty acids and implications in obesity-associated breast cancer. <i>Journal of Nutritional Biochemistry</i> , 2018, 53, 1-8.	4.2	31
8	AdipoGauge software for analysis of biological microscopic images. <i>Adipocyte</i> , 2020, 9, 360-373.	2.8	22
9	Preparation, Characterization, and Cationic Functionalization of Cellulose-Based Aerogels for Wastewater Clarification. <i>Journal of Materials</i> , 2016, 2016, 1-10.	0.1	20
10	Maternal and Postnatal Supplementation of Fish Oil Improves Metabolic Health of Mouse Male Offspring. <i>Obesity</i> , 2018, 26, 1740-1748.	3.0	18
11	Preparation of chitin@CdTe quantum dots films and antibacterial effect on <i>Staphylococcus aureus</i> and <i>Pseudomonas aeruginosa</i> . <i>Journal of Applied Polymer Science</i> , 2017, 134, .	2.6	17
12	Protective effects of eicosapentaenoic acid in adipocyte-breast cancer cell cross talk. <i>Journal of Nutritional Biochemistry</i> , 2020, 75, 108244.	4.2	17
13	Low dose radiation, inflammation, cancer and chemoprevention. <i>International Journal of Radiation Biology</i> , 2019, 95, 506-515.	1.8	16
14	Renin angiotensin system inhibition attenuates adipocyte-breast cancer cell interactions. <i>Experimental Cell Research</i> , 2020, 394, 112114.	2.6	15
15	Effects of Curcumin in a Mouse Model of Very High Fat Diet-Induced Obesity. <i>Biomolecules</i> , 2020, 10, 1368.	4.0	13
16	Monte Carlo simulations of energy losses by space protons in the CRaTER detector. <i>Acta Astronautica</i> , 2010, 66, 643-647.	3.2	10
17	Extreme solar event of AD775: Potential radiation exposure to crews in deep space. <i>Acta Astronautica</i> , 2016, 123, 116-120.	3.2	9
18	Combined Effects of Eicosapentaenoic Acid and Adipocyte Renin-Angiotensin System Inhibition on Breast Cancer Cell Inflammation and Migration. <i>Cancers</i> , 2020, 12, 220.	3.7	8

#	ARTICLE	IF	CITATIONS
19	Worst Case Solar Energetic Particle Events for Deep Space Missions. , 2001, , .		7
20	ESTIMATION OF ELECTRON ABSORBED FRACTIONS IN THE EXTRATHORACIC AIRWAYS. Health Physics, 2001, 80, 12-15.	0.5	7
21	Breast cancer and the renin-angiotensin system (RAS): Therapeutic approaches and related metabolic diseases. Molecular and Cellular Endocrinology, 2021, 528, 111245.	3.2	7
22	Review of Biological Effects of Acute and Chronic Radiation Exposure on Caenorhabditis elegans. Cells, 2021, 10, 1966.	4.1	6
23	Self-absorption Effects on Electron Absorbed Fraction in the Anterior Nose. Radiation Protection Dosimetry, 2002, 99, 473-474.	0.8	3
24	ABSORBED FRACTION SENSITIVITY TO CHANGES IN SIZE OF THE ICRP NOSE MODEL. Health Physics, 2002, 82, 392-394.	0.5	3
25	Solar Particle Event Dose Forecasting Using Regression Techniques. Space Weather, 2018, 16, 1073-1085.	3.7	3
26	A general new method for calculating the molecular nonpolar surface for analysis of LC-MS data. International Journal of Mass Spectrometry, 2021, 461, 116495.	1.5	3
27	ELECTRON ABSORBED FRACTIONS BASED ON A NEW MODEL OF THE ANTERIOR NASAL PASSAGE. Health Physics, 2004, 86, 19-24.	0.5	2
28	Translation of Dose Coefficients From ICRP 53 to ICRP 80. Health Physics, 2013, 104, 224-226.	0.5	2
29	Development and Application of MAGIC-f Gel in Cancer Research and Medical Imaging. Applied Sciences (Switzerland), 2021, 11, 7783.	2.5	2
30	Estimates of extreme solar particle event radiation exposures on Mars. Progress in Nuclear Science and Technology, 2014, 4, 793-797.	0.3	2
31	Charged particle equilibrium effects on the electron absorbed fraction in the extrathoracic airways. Radiation Protection Dosimetry, 2006, 121, 252-256.	0.8	1
32	Sensitivity of Solar Energetic Particle Event Doses to Spectral Hardness. , 2005, , .		0
33	LET Spectra of High Energy Proton Beam on A-150: Model Predictions for the CRaTER Detector. , 0, , .		0
34	DUST PARTICLE SIZE EFFECTS ON ABSORBED FRACTION VALUES IN THE ANTERIOR NOSE. Health Physics, 2007, 93, 307-311.	0.5	0
35	Calculated Energy Loss Spectra in the CRaTER Detector for Selected Cosmic Ray Ions. , 2007, , .		0
36	Estimating Absorbed Dose to Breast Adipose Tissue from Mammograms. Journal of Medical Physics, 2021, 46, 171-180.	0.3	0