

Tatiana El-Bacha

List of Publications by Year in descending order

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Version: 2024-02-01

21
papers

778
citations

623188

14
h-index

713013

21
g-index

22
all docs

22
docs citations

22
times ranked

1438
citing authors

#	ARTICLE	IF	CITATIONS
1	Inhibition of energy-producing pathways of HepG2 cells by 3-bromopyruvate1. <i>Biochemical Journal</i> , 2009, 417, 717-726.	1.7	155
2	Mitochondrial and bioenergetic dysfunction in human hepatic cells infected with dengue 2 virus. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2007, 1772, 1158-1166.	1.8	89
3	Placental endoplasmic reticulum stress in gestational diabetes: the potential for therapeutic intervention with chemical chaperones and antioxidants. <i>Diabetologia</i> , 2016, 59, 2240-2250.	2.9	72
4	Mayaro virus infection alters glucose metabolism in cultured cells through activation of the enzyme 6-phosphofructo 1-kinase. <i>Molecular and Cellular Biochemistry</i> , 2004, 266, 191-198.	1.4	62
5	Virus-induced changes in mitochondrial bioenergetics as potential targets for therapy. <i>International Journal of Biochemistry and Cell Biology</i> , 2013, 45, 41-46.	1.2	57
6	Energy Metabolism in H460 Lung Cancer Cells: Effects of Histone Deacetylase Inhibitors. <i>PLoS ONE</i> , 2011, 6, e22264.	1.1	45
7	Mitochondrial Bioenergetic Alterations in Mouse Neuroblastoma Cells Infected with Sindbis Virus: Implications to Viral Replication and Neuronal Death. <i>PLoS ONE</i> , 2012, 7, e33871.	1.1	38
8	Evidence for Altered Glutamine Metabolism in Human Immunodeficiency Virus Type 1 Infected Primary Human CD4 ⁺ T Cells. <i>AIDS Research and Human Retroviruses</i> , 2017, 33, 1236-1247.	0.5	37
9	Anthocyanin-Rich Grape Pomace Extract (<i>Vitis vinifera</i> L.) from Wine Industry Affects Mitochondrial Bioenergetics and Glucose Metabolism in Human Hepatocarcinoma HepG2 Cells. <i>Molecules</i> , 2018, 23, 611.	1.7	34
10	Efficient production of bioactive structured lipids by fast acidolysis catalyzed by <i>Yarrowia lipolytica</i> lipase, free and immobilized in chitosan-alginate beads, in solvent-free medium. <i>International Journal of Biological Macromolecules</i> , 2020, 163, 910-918.	3.6	31
11	Diet-induced maternal obesity impacts fetal-placental growth and induces sex-specific alterations in placental morphology, mitochondrial bioenergetics, dynamics, lipid metabolism and oxidative stress in mice. <i>Acta Physiologica</i> , 2022, 234, e13795.	1.8	31
12	¹ H Nuclear Magnetic Resonance Metabolomics of Plasma Unveils Liver Dysfunction in Dengue Patients. <i>Journal of Virology</i> , 2016, 90, 7429-7443.	1.5	28
13	Breast Milk Content of Vitamin A and E from Early- to Mid-Lactation Is Affected by Inadequate Dietary Intake in Brazilian Adult Women. <i>Nutrients</i> , 2019, 11, 2025.	1.7	23
14	Modulation of the gut microbiota by probiotics and symbiotics is associated with changes in serum metabolite profile related to a decrease in inflammation and overall benefits to metabolic health: a double-blind randomized controlled clinical trial in women with obesity. <i>Food and Function</i> , 2021, 12, 2161-2170.	2.1	20
15	Maternal intake of <i>trans</i> -unsaturated or interesterified fatty acids during pregnancy and lactation modifies mitochondrial bioenergetics in the liver of adult offspring in mice. <i>British Journal of Nutrition</i> , 2017, 118, 41-52.	1.2	13
16	Pro-Oxidant Effect of Resveratrol on Human Breast Cancer MCF-7 Cells is Associated with CK2 Inhibition. <i>Nutrition and Cancer</i> , 2022, 74, 2142-2151.	0.9	12
17	Early pregnancy body mass index modifies the association of pre-pregnancy dietary patterns with serum polyunsaturated fatty acid concentrations throughout pregnancy in Brazilian women. <i>Maternal and Child Nutrition</i> , 2018, 14, .	1.4	10
18	Decreased Fatty Acid Transporter FABP1 and Increased Isoprostanes and Neuroprostanes in the Human Term Placenta: Implications for Inflammation and Birth Weight in Maternal Pre-Gestational Obesity. <i>Nutrients</i> , 2021, 13, 2768.	1.7	9

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19	Development of cerebral mitochondrial respiratory function is impaired by thyroid hormone deficiency before birth in a region-specific manner. FASEB Journal, 2021, 35, e21591.	0.2	8
20	Nutrient Sensing by the Placenta: IGF-I/mTOR Responses to Preconception Maternal Nutrition Intervention and Implications to Offspring Birth Size and Lifelong Health. Journal of Nutrition, 2021, 151, 471-472.	1.3	1
21	Cortisol Regulates Cerebral Mitochondrial Oxidative Phosphorylation and Morphology of the Brain in a Region-Specific Manner in the Ovine Fetus. Biomolecules, 2022, 12, 768.	1.8	1