

Rita Roberti

List of Publications by Year in descending order

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papers

859
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430874

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47
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47
times ranked

1154
citing authors

#	ARTICLE	IF	CITATIONS
1	Sterol dependent regulation of human TM7SF2 gene expression: Role of the encoded 3 β -hydroxysterol Δ^7 -14-reductase in human cholesterol biosynthesis. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2006, 1761, 677-685.	2.4	54
2	Structure of an integral membrane sterol reductase from <i>Methylomicrobium alcaliphilum</i> . <i>Nature</i> , 2015, 517, 104-107.	27.8	48
3	Disruption of the gene encoding 3 β -hydroxysterol Δ^7 -14-reductase (<i>Tm7sf2</i>) in mice does not impair cholesterol biosynthesis. <i>FEBS Journal</i> , 2008, 275, 5034-5047.	4.7	43
4	Exogenous Phospholipids Specifically Affect Transmembrane Potential of Brain Mitochondria and Cytochrome c Release. <i>Journal of Biological Chemistry</i> , 2002, 277, 12075-12081.	3.4	35
5	Lamin B Receptor Regulates the Growth and Maturation of Myeloid Progenitors via its Sterol Reductase Domain: Implications for Cholesterol Biosynthesis in Regulating Myelopoiesis. <i>Journal of Immunology</i> , 2012, 188, 85-102.	0.8	34
6	Determination of phosphatidylcholine in a flow injection system using immobilized enzyme reactors. <i>Analytical Biochemistry</i> , 1990, 187, 240-245.	2.4	33
7	The metabolism of phosphoric esters and of cytidine-diphosphate esters of choline and ethanolamine in the liver. <i>International Journal of Biochemistry & Cell Biology</i> , 1973, 4, 597-611.	0.5	32
8	Cloning and expression of sterol Δ^7 -14-reductase from bovine liver. <i>FEBS Journal</i> , 2002, 269, 283-290.	0.2	31
9	A Novel Role for <i>Tm7sf2</i> Gene in Regulating TNF α Expression. <i>PLoS ONE</i> , 2013, 8, e68017.	2.5	30
10	Loss of cardiolipin in palmitate-treated GL15 glioblastoma cells favors cytochrome c release from mitochondria leading to apoptosis. <i>Journal of Neurochemistry</i> , 2008, 105, 1019-1031.	3.9	27
11	Activation of TM7SF2 promoter by SREBP-2 depends on a new sterol regulatory element, a GC-box, and an inverted CCAAT-box. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2010, 1801, 587-592.	2.4	26
12	Enteric glial cells counteract <i>Clostridium difficile</i> Toxin B through a NADPH oxidase/ROS/JNK/caspase-3 axis, without involving mitochondrial pathways. <i>Scientific Reports</i> , 2017, 7, 45569.	3.3	26
13	Eicosapentaenoic Acid Activates RAS/ERK/C/EBP β Pathway through H-Ras Intron 1 CpG Island Demethylation in U937 Leukemia Cells. <i>PLoS ONE</i> , 2014, 9, e85025.	2.5	26
14	The energy blockers bromopyruvate and lonidamine lead GL15 glioblastoma cells to death by different p53-dependent routes. <i>Scientific Reports</i> , 2015, 5, 14343.	3.3	24
15	Purification of ethanolaminophosphotransferase from bovine liver microsomes. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 1999, 1437, 80-92.	2.4	23
16	Mitochondrial dysfunction and effect of antiglycolytic bromopyruvic acid in GL15 glioblastoma cells. <i>Journal of Bioenergetics and Biomembranes</i> , 2011, 43, 507-518.	2.3	23
17	A novel killer protein from <i>Pichia kluyveri</i> isolated from an Algerian soil: purification and characterization of its in vitro activity against food and beverage spoilage yeasts. <i>Antonie Van Leeuwenhoek</i> , 2015, 107, 961-970.	1.7	22
18	Impaired cell proliferation in regenerating liver of 3 β -hydroxysterol Δ^7 -14-reductase (TM7SF2) knock-out mice. <i>Cell Cycle</i> , 2016, 15, 2164-2173.	2.6	21

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19	3-Bromopyruvate treatment induces alterations of metabolic and stress-related pathways in glioblastoma cells. <i>Journal of Proteomics</i> , 2017, 152, 329-338.	2.4	19
20	Bromopyruvate mediates autophagy and cardiolipin degradation to monolyso-cardiolipin in GL15 glioblastoma cells. <i>Journal of Bioenergetics and Biomembranes</i> , 2012, 44, 51-60.	2.3	18
21	Effect of nitric oxide-donating agents on human monocyte cyclooxygenase-2. <i>Biochemical and Biophysical Research Communications</i> , 2003, 311, 897-903.	2.1	17
22	Sidedness of Phosphatidylcholine-Synthesizing Enzymes in Rat Brain Microsomal Vesicles. <i>Journal of Neurochemistry</i> , 1985, 44, 38-41.	3.9	16
23	The Tm7sf2 Gene Deficiency Protects Mice against Endotoxin-Induced Acute Kidney Injury. <i>PLoS ONE</i> , 2015, 10, e0141885.	2.5	16
24	Ethanolamine Base-Exchange Reaction in Rat Brain Microsomal Subfractions. <i>Journal of Neurochemistry</i> , 1986, 46, 202-207.	3.9	15
25	Partial purification of ethanolaminephosphotransferase from rat brain microsomes. <i>Lipids and Lipid Metabolism</i> , 1987, 918, 40-47.	2.6	15
26	The energy blockers 3-bromopyruvate and lonidamine: effects on bioenergetics of brain mitochondria. <i>Journal of Bioenergetics and Biomembranes</i> , 2014, 46, 389-394.	2.3	15
27	Cytochrome c redox state influences the binding and release of cytochrome c in model membranes and in brain mitochondria. <i>Molecular and Cellular Biochemistry</i> , 2010, 341, 149-157.	3.1	14
28	Compartmentation of membrane phosphatidylethanolamine formed by base-exchange reaction in rat brain microsomes. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 1983, 730, 104-110.	2.6	13
29	Reversibility of the reactions catalyzed by cholinephosphotransferase and ethanolaminephosphotransferase solubilized from rat-brain microsomes. <i>Lipids and Lipid Metabolism</i> , 1992, 1165, 183-188.	2.6	13
30	Effect of dietary saturated fatty acids on HNF-4 α DNA binding activity and ApoCIII mRNA in sedentary rat liver. <i>Molecular and Cellular Biochemistry</i> , 2011, 347, 29-39.	3.1	13
31	Lysosomal di-N-acetylchitobiase-deficient mouse tissues accumulate Man2GlcNAc2 and Man3GlcNAc2. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2012, 1822, 1137-1146.	3.8	12
32	Selected cholesterol biosynthesis inhibitors produce accumulation of the intermediate FF-MAS that targets nucleus and activates LXRI α in HepG2 cells. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2017, 1862, 842-852.	2.4	12
33	Desmosterol, the main sterol in rabbit semen: distribution among semen subfractions and its role in the in vitro spermatozoa acrosome reaction and motility. <i>Asian Journal of Andrology</i> , 2010, 12, 862-870.	1.6	11
34	The efficacy of the anticancer 3-bromopyruvate is potentiated by antimycin and menadione by unbalancing mitochondrial ROS production and disposal in U118 glioblastoma cells. <i>Heliyon</i> , 2020, 6, e05741.	3.2	11
35	Optimization of DamID for use in primary cultures of mouse hepatocytes. <i>Methods</i> , 2019, 157, 88-99.	3.8	10
36	Effect of various drugs producing convulsive seizures on rat brain glycerolipid metabolism. <i>Neurochemical Research</i> , 1985, 10, 879-885.	3.3	9

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37	H2O2 disposal in cardiolipin-enriched brain mitochondria is due to increased cytochrome c peroxidase activity. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2011, 1811, 203-208.	2.4	9
38	Tm7sf2 gene promotes adipocyte differentiation of mouse embryonic fibroblasts and improves insulin sensitivity. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2021, 1868, 118897.	4.1	8
39	The effect of acute ethanol ingestion on in vitro metabolism of choline and ethanolamine derivatives in rat liver. <i>Biochemical Pharmacology</i> , 1974, 23, 3289-3298.	4.4	7
40	Effect of pyridoxal 5'-phosphate and valproic acid on phospholipid synthesis in neuroblastoma na. <i>Biochemical Pharmacology</i> , 1989, 38, 3407-3413.	4.4	6
41	Selective Cytochrome c Displacement by Phosphate and Ca ²⁺ in Brain Mitochondria. <i>Journal of Membrane Biology</i> , 2006, 212, 199-210.	2.1	5
42	Factors Affecting the Stability of Detergent-Solubilized Cholinephosphotransferase and Ethanolaminephosphotransferase. <i>Membrane Biochemistry</i> , 1993, 10, 43-52.	0.6	4
43	Molecular cloning and structural organization of the gene encoding the mouse lysosomal di-N-acetylchitobiase (ctbs). <i>Gene</i> , 2008, 416, 85-91.	2.2	4
44	Tm7sf2 Disruption Alters Radial Gene Positioning in Mouse Liver Leading to Metabolic Defects and Diabetes Characteristics. <i>Frontiers in Cell and Developmental Biology</i> , 2020, 8, 592573.	3.7	4
45	Acidic pH generated by H ⁺ -ATPase pumps triggers the activity of a fusogenic protein associated with rat liver endoplasmic reticulum. <i>FEBS Journal</i> , 2001, 268, 2020-2027.	0.2	3
46	Compartmentation of newly synthesized phosphatidylethanolamine in rat brain microsomes. <i>Journal of Membrane Biology</i> , 1986, 90, 29-35.	2.1	1
47	Quantitation of glycerophosphorylcholine by flow injection analysis using immobilized enzymes. <i>Molecular and Cellular Biochemistry</i> , 1996, 162, 83-87.	3.1	1