

Tom J J Schirris

List of Publications by Year in descending order

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Version: 2024-02-01

25
papers

766
citations

623734

14
h-index

610901

24
g-index

26
all docs

26
docs citations

26
times ranked

1341
citing authors

#	ARTICLE	IF	CITATIONS
1	Statin-Induced Myopathy Is Associated with Mitochondrial Complex III Inhibition. <i>Cell Metabolism</i> , 2015, 22, 399-407.	16.2	180
2	Brothers in Arms: ABCA1- and ABCG1-Mediated Cholesterol Efflux as Promising Targets in Cardiovascular Disease Treatment. <i>Pharmacological Reviews</i> , 2020, 72, 152-190.	16.0	89
3	Development and validation of a high-content screening in vitro micronucleus assay in CHO-k1 and HepG2 cells. <i>Mutation Research - Genetic Toxicology and Environmental Mutagenesis</i> , 2011, 724, 7-21.	1.7	62
4	Flow stimulates drug transport in a human kidney proximal tubule-on-a-chip independent of primary cilia. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2020, 1864, 129433.	2.4	48
5	Mitoenergetic Dysfunction Triggers a Rapid Compensatory Increase in Steady-State Glucose Flux. <i>Biophysical Journal</i> , 2015, 109, 1372-1386.	0.5	45
6	Statins Affect Skeletal Muscle Performance: Evidence for Disturbances in Energy Metabolism. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2018, 103, 75-84.	3.6	44
7	Safety of drug use in patients with a primary mitochondrial disease: An international Delphi-based consensus. <i>Journal of Inherited Metabolic Disease</i> , 2020, 43, 800-818.	3.6	42
8	Statin Lactonization by Uridine 5- α -Diphospho-glucuronosyltransferases (UGTs). <i>Molecular Pharmaceutics</i> , 2015, 12, 4048-4055.	4.6	41
9	<i>Ndufs4</i> knockout mouse models of Leigh syndrome: pathophysiology and intervention. <i>Brain</i> , 2022, 145, 45-63.	7.6	32
10	Aggregation and cytotoxic properties towards cultured cerebrovascular cells of Dutch-mutated Δ 240 (Δ 1-40) are modulated by sulfate moieties of heparin. <i>Neuroscience Research</i> , 2010, 66, 380-389.	1.9	24
11	Skeletal muscle toxicity associated with tyrosine kinase inhibitor therapy in patients with chronic myeloid leukemia. <i>Leukemia</i> , 2019, 33, 2116-2120.	7.2	23
12	Uremic solutes modulate hepatic bile acid handling and induce mitochondrial toxicity. <i>Toxicology in Vitro</i> , 2019, 56, 52-61.	2.4	22
13	The ketogenic diet as a therapeutic intervention strategy in mitochondrial disease. <i>International Journal of Biochemistry and Cell Biology</i> , 2021, 138, 106050.	2.8	20
14	Mitochondrial ADP/ATP exchange inhibition: a novel off-target mechanism underlying ibipinabant-induced myotoxicity. <i>Scientific Reports</i> , 2015, 5, 14533.	3.3	17
15	Effects of clofibrate and KH176 on life span and motor function in mitochondrial complex I-deficient mice. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2020, 1866, 165727.	3.8	15
16	Organic anion transporters 1 and 3 influence cellular energy metabolism in renal proximal tubule cells. <i>Biological Chemistry</i> , 2019, 400, 1347-1358.	2.5	14
17	Characterization of drug-induced human mitochondrial ADP/ATP carrier inhibition. <i>Theranostics</i> , 2021, 11, 5077-5091.	10.0	12
18	Effects of a human recombinant alkaline phosphatase during impaired mitochondrial function in human renal proximal tubule epithelial cells. <i>European Journal of Pharmacology</i> , 2017, 796, 149-157.	3.5	9

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19	KRIPO – a structure-based pharmacophores approach explains polypharmacological effects. Journal of Cheminformatics, 2014, 6, O26.	6.1	8
20	Stimulation of cholesterol biosynthesis in mitochondrial complex I-deficiency lowers reductive stress and improves motor function and survival in mice. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2021, 1867, 166062.	3.8	7
21	Mild intracellular acidification by dexamethasone attenuates mitochondrial dysfunction in a human inflammatory proximal tubule epithelial cell model. Scientific Reports, 2017, 7, 10623.	3.3	3
22	Dissecting Drug-Induced Cytotoxicity and Metabolic Dysfunction in Conditionally Immortalized Human Proximal Tubule Cells. Frontiers in Toxicology, 2022, 4, 842396.	3.1	3
23	Determination of cytotoxicity following oxidative treatment of pharmaceutical residues in wastewater. Chemosphere, 2022, 303, 135022.	8.2	3
24	Comment on –A severe linezolid–induced rhabdomyolysis and lactic acidosis in Leigh syndrome–. Journal of Inherited Metabolic Disease, 2021, 44, 6-7.	3.6	2
25	Restoring cellular NAD(P)H levels by PPAR α and LXR α stimulation to improve mitochondrial complex I deficiency. Life Sciences, 2022, 300, 120571.	4.3	0