

Reinis Vilskersts

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1999985/publications.pdf>

Version: 2024-02-01

37
papers

1,069
citations

430874

18
h-index

414414

32
g-index

38
all docs

38
docs citations

38
times ranked

1204
citing authors

#	ARTICLE	IF	CITATIONS
1	Protective Effects of Meldonium in Experimental Models of Cardiovascular Complications with a Potential Application in COVID-19. <i>International Journal of Molecular Sciences</i> , 2022, 23, 45.	4.1	4
2	Acylcarnitines: Nomenclature, Biomarkers, Therapeutic Potential, Drug Targets, and Clinical Trials. <i>Pharmacological Reviews</i> , 2022, 74, 506-551.	16.0	106
3	Low cardiac content of long-chain acylcarnitines in TMLHE knockout mice prevents ischaemia-reperfusion-induced mitochondrial and cardiac damage. <i>Free Radical Biology and Medicine</i> , 2021, 177, 370-380.	2.9	8
4	Inhibition of CPT2 exacerbates cardiac dysfunction and inflammation in experimental endotoxaemia. <i>Journal of Cellular and Molecular Medicine</i> , 2020, 24, 11903-11911.	3.6	11
5	Rats with congenital hydronephrosis show increased susceptibility to renal ischemia-reperfusion injury. <i>Physiological Reports</i> , 2020, 8, e14638.	1.7	2
6	Sulfonyl Group Dance: A Tool for the Synthesis of 6-Azido-2-sulfonylpyrimidine Derivatives. <i>Journal of Organic Chemistry</i> , 2020, 85, 4753-4771.	3.2	11
7	Delivery Systems for Birch-bark Triterpenoids and their Derivatives in Anticancer Research. <i>Current Medicinal Chemistry</i> , 2020, 27, 1308-1336.	2.4	20
8	4-Pyridinio-1,4-Dihydropyridines as Calcium Ion Transport Modulators: Antagonist, Agonist, and Dual Action. <i>Oxidative Medicine and Cellular Longevity</i> , 2020, 2020, 1-14.	4.0	2
9	Microbiota-Derived Metabolite Trimethylamine N-Oxide Protects Mitochondrial Energy Metabolism and Cardiac Functionality in a Rat Model of Right Ventricle Heart Failure. <i>Frontiers in Cell and Developmental Biology</i> , 2020, 8, 622741.	3.7	23
10	Mitochondrial Function in the Kidney and Heart, but Not the Brain, is Mainly Altered in an Experimental Model of Endotoxaemia. <i>Shock</i> , 2019, 52, e153-e162.	2.1	16
11	Trimethylamine N-oxide impairs pyruvate and fatty acid oxidation in cardiac mitochondria. <i>Toxicology Letters</i> , 2017, 267, 32-38.	0.8	83
12	Acute and long-term administration of palmitoylcarnitine induces muscle-specific insulin resistance in mice. <i>BioFactors</i> , 2017, 43, 718-730.	5.4	25
13	Resveratrol Attenuates the Development of Sodium Hypochlorite-induced Endothelial Dysfunction. <i>Natural Products Journal</i> , 2017, 7, .	0.3	0
14	Long-chain acylcarnitines determine ischaemia/reperfusion-induced damage in heart mitochondria. <i>Biochemical Journal</i> , 2016, 473, 1191-1202.	3.7	77
15	Pharmacological effects of meldonium: Biochemical mechanisms and biomarkers of cardiometabolic activity. <i>Pharmacological Research</i> , 2016, 113, 771-780.	7.1	68
16	Methyl- ¹³ C-butobetaine decreases levels of acylcarnitines and attenuates the development of atherosclerosis. <i>Vascular Pharmacology</i> , 2015, 72, 101-107.	2.1	13
17	Inhibition of L-carnitine biosynthesis and transport by methyl- ¹³ C-butobetaine decreases fatty acid oxidation and protects against myocardial infarction. <i>British Journal of Pharmacology</i> , 2015, 172, 1319-1332.	5.4	24
18	Selective inhibition of OCTN2 is more effective than inhibition of gamma-butyrobetaine dioxygenase to decrease the availability of L-carnitine and to reduce myocardial infarct size. <i>Pharmacological Research</i> , 2014, 85, 33-38.	7.1	15

#	ARTICLE	IF	CITATIONS
19	The heart is better protected against myocardial infarction in the fed state compared to the fasted state. <i>Metabolism: Clinical and Experimental</i> , 2014, 63, 127-136.	3.4	56
20	The cognition-enhancing activity of <sc>E1R</sc>, a novel positive allosteric modulator of sigma-1 receptors. <i>British Journal of Pharmacology</i> , 2014, 171, 761-771.	5.4	31
21	Magnesium nitrate attenuates blood pressure rise in SHR rats. <i>Magnesium Research</i> , 2014, 27, 16-24.	0.5	8
22	Synthesis and biological evaluation of 2-(5-methyl-4-phenyl-2-oxopyrrolidin-1-yl)-acetamide stereoisomers as novel positive allosteric modulators of sigma-1 receptor. <i>Bioorganic and Medicinal Chemistry</i> , 2013, 21, 2764-2771.	3.0	18
23	Elevated vascular β -butyrobetaine levels attenuate the development of high glucose-induced endothelial dysfunction. <i>Clinical and Experimental Pharmacology and Physiology</i> , 2013, 40, 518-524.	1.9	9
24	Glyoxalase 1 and glyoxalase 2 activities in blood and neuronal tissue samples from experimental animal models of obesity and type 2 diabetes mellitus. <i>Journal of Physiological Sciences</i> , 2012, 62, 469-478.	2.1	17
25	The Cardioprotective Effect of Mildronate is Diminished After Co-Treatment With<sc>I</sc>-Carnitine. <i>Journal of Cardiovascular Pharmacology and Therapeutics</i> , 2012, 17, 215-222.	2.0	44
26	Administration of L-carnitine and mildronate improves endothelial function and decreases mortality in hypertensive Dahl rats. <i>Pharmacological Reports</i> , 2011, 63, 752-762.	3.3	19
27	The anti-inflammatory and antinociceptive effects of NF- κ B inhibitory guanidine derivative ME10092. <i>International Immunopharmacology</i> , 2010, 10, 455-460.	3.8	22
28	Myocardial Infarct Size-Limiting and Anti-Arrhythmic Effects of Mildronate Orotate in the Rat Heart. <i>Cardiovascular Drugs and Therapy</i> , 2009, 23, 281-288.	2.6	25
29	Effects of Long-Term Mildronate Treatment on Cardiac and Liver Functions in Rats. <i>Basic and Clinical Pharmacology and Toxicology</i> , 2009, 105, 387-394.	2.5	27
30	Protective effects of mildronate in an experimental model of type 2 diabetes in Goto-Kakizaki rats. <i>British Journal of Pharmacology</i> , 2009, 157, 1549-1556.	5.4	63
31	Metabolomic studies of experimental diabetic urine samples by ^1H NMR spectroscopy and LC/MS method. <i>Chemometrics and Intelligent Laboratory Systems</i> , 2009, 97, 11-17.	3.5	19
32	Mildronate, a Regulator of Energy Metabolism, Reduces Atherosclerosis in apoE/LDLR ^{0/0} Mice. <i>Pharmacology</i> , 2009, 83, 287-293.	2.2	27
33	Benzo[b]thiophen-3(2H)-one 1,1-dioxide a versatile reagent in the synthesis of spiroheterocycles. <i>Tetrahedron</i> , 2008, 64, 9947-9952.	1.9	13
34	Mildronate decreases carnitine availability and up-regulates glucose uptake and related gene expression in the mouse heart. <i>Life Sciences</i> , 2008, 83, 613-619.	4.3	60
35	Functional Evaluation of THIQ, a Melanocortin 4 Receptor Agonist, in Models of Food Intake and Inflammation. <i>Basic and Clinical Pharmacology and Toxicology</i> , 2007, 101, 416-420.	2.5	18
36	Mildronate, an Inhibitor of Carnitine Biosynthesis, Induces an Increase in Gamma-Butyrobetaine Contents and Cardioprotection in Isolated Rat Heart Infarction. <i>Journal of Cardiovascular Pharmacology</i> , 2006, 48, 314-319.	1.9	71

#	ARTICLE	IF	CITATIONS
37	beta-MSH inhibits brain inflammation via MC3/4 receptors and impaired NF- κ B signaling. Journal of Neuroimmunology, 2005, 169, 13-19.	2.3	14