

Mariana Nikolova-Karakashian

List of Publications by Year in descending order

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37
papers

1,767
citations

304743

22
h-index

395702

33
g-index

37
all docs

37
docs citations

37
times ranked

1975
citing authors

#	ARTICLE	IF	CITATIONS
1	Neutral Sphingomyelinase 2 Mediates Oxidative Stress Effects on Astrocyte Senescence and Synaptic Plasticity Transcripts. <i>Molecular Neurobiology</i> , 2022, 59, 3233-3253.	4.0	4
2	Onset of Senescence and Steatosis in Hepatocytes as a Consequence of a Shift in the Diacylglycerol/Ceramide Balance at the Plasma Membrane. <i>Cells</i> , 2021, 10, 1278.	4.1	3
3	Skeletal Muscle Cell Growth Alters the Lipid Composition of Extracellular Vesicles. <i>Membranes</i> , 2021, 11, 619.	3.0	7
4	Methods to Characterize Synthesis and Degradation of Sphingomyelin at the Plasma Membrane and Its Impact on Lipid Raft Dynamics. <i>Methods in Molecular Biology</i> , 2021, 2187, 113-129.	0.9	7
5	Supplementation with a Novel Combination of Fruits and Vegetables Prevented High Fat Diet-Induced Cognitive Impairment in Mice. <i>Current Developments in Nutrition</i> , 2020, 4, nzaa057_023.	0.3	0
6	Prevention of Non-Alcoholic Fatty Liver Disease by Fruits and Vegetables Supplementation in Mice is Associated with Their Antioxidant Property. <i>Current Developments in Nutrition</i> , 2020, 4, nzaa068_008.	0.3	1
7	A Novel Combination of Fruits and Vegetables Prevents Diet-Induced Hepatic Steatosis and Metabolic Dysfunction in Mice. <i>Journal of Nutrition</i> , 2020, 150, 2950-2960.	2.9	5
8	Increased liver tumor formation in neutral sphingomyelinase-2-deficient mice. <i>Journal of Lipid Research</i> , 2018, 59, 795-804.	4.2	30
9	Secretory sphingomyelinase (S-SMase) activity is elevated in patients with rheumatoid arthritis. <i>Clinical Rheumatology</i> , 2018, 37, 1395-1399.	2.2	9
10	Alcoholic and non-alcoholic fatty liver disease: Focus on ceramide. <i>Advances in Biological Regulation</i> , 2018, 70, 40-50.	2.3	37
11	Sphingolipids at the Crossroads of NAFLD and Senescence. <i>Advances in Cancer Research</i> , 2018, 140, 155-190.	5.0	21
12	Diaphragm dysfunction in heart failure is accompanied by increases in neutral sphingomyelinase activity and ceramide content. <i>European Journal of Heart Failure</i> , 2014, 16, 519-525.	7.1	38
13	Resveratrol alters the lipid composition, metabolism and peroxide level in senescent rat hepatocytes. <i>Chemico-Biological Interactions</i> , 2014, 207, 74-80.	4.0	29
14	Expression and Characterization of Recombinant Neutral Sphingomyelinase 2 in <i>Escherichia coli</i> : Evidence of Sensitivity to Redox State. <i>FASEB Journal</i> , 2013, 27, 1019.2.	0.5	0
15	Sphingomyelinase stimulates oxidant signaling to weaken skeletal muscle and promote fatigue. <i>American Journal of Physiology - Cell Physiology</i> , 2010, 299, C552-C560.	4.6	44
16	Activation of Neutral Sphingomyelinase 2 and Protein Phosphatase 2A by Interleukin 1 β : role in IRAK1 degradation and intracellular translocation. <i>FASEB Journal</i> , 2010, 24, 1b601.	0.5	0
17	Acid Sphingomyelinase Deficiency Prevents Diet-induced Hepatic Triacylglycerol Accumulation and Hyperglycemia in Mice. <i>Journal of Biological Chemistry</i> , 2009, 284, 8359-8368.	3.4	84
18	Role of Neutral Sphingomyelinases in Aging and Inflammation. <i>Sub-Cellular Biochemistry</i> , 2008, 49, 469-486.	2.4	73

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19	Scavenger Receptor BI Prevents Nitric Oxide-Induced Cytotoxicity and Endotoxin-Induced Death. <i>Circulation Research</i> , 2006, 98, e60-5.	4.5	28
20	Elevated sphingomyelinase activity and ceramide concentration in serum of patients undergoing high dose spatially fractionated radiation treatment: Implications for endothelial apoptosis. <i>Cancer Biology and Therapy</i> , 2005, 4, 979-986.	3.4	105
21	Elevation of ceramide in serum lipoproteins during acute phase response in humans and mice: role of serine-palmitoyl transferase. <i>Archives of Biochemistry and Biophysics</i> , 2003, 419, 120-128.	3.0	81
22	Uptake and Metabolism of Low Density Lipoproteins with Elevated Ceramide Content by Human Microvascular Endothelial Cells. <i>Journal of Biological Chemistry</i> , 2003, 278, 26992-26999.	3.4	33
23	High Density Lipoprotein Binding to Scavenger Receptor, Class B, Type I Activates Endothelial Nitric-oxide Synthase in a Ceramide-dependent Manner. <i>Journal of Biological Chemistry</i> , 2002, 277, 11058-11063.	3.4	153
24	Ceramide Mediates Age-associated Increase in Macrophage Cyclooxygenase-2 Expression. <i>Journal of Biological Chemistry</i> , 2002, 277, 30784-30791.	3.4	43
25	Ceramide modulates nicotinic receptor-dependent Ca ²⁺ signaling in rat chromaffin cells. <i>Journal of Neuroscience Research</i> , 2001, 66, 559-564.	2.9	4
26	Apoptosis and Dysregulated Ceramide Metabolism in a Murine Model of Alcohol-Enhanced Lipopolysaccharide Hepatotoxicity. <i>Alcoholism: Clinical and Experimental Research</i> , 2000, 24, 1557-1565.	2.4	81
27	Pivotal Role for Acidic Sphingomyelinase in Cerebral Ischemia-Induced Ceramide and Cytokine Production, and Neuronal Apoptosis. <i>Journal of Molecular Neuroscience</i> , 2000, 15, 85-98.	2.3	188
28	[22] Ceramidases. <i>Methods in Enzymology</i> , 2000, 311, 194-201.	1.0	49
29	[5] Assays for the biosynthesis of sphingomyelin and ceramide phosphoethanolamine. <i>Methods in Enzymology</i> , 2000, 311, 31-42.	1.0	13
30	Apoptosis and Dysregulated Ceramide Metabolism in a Murine Model of Alcohol-Enhanced Lipopolysaccharide Hepatotoxicity. <i>Alcoholism: Clinical and Experimental Research</i> , 2000, 24, 1557-1565.	2.4	6
31	Role of Sphingosine 1-Phosphate in the Mitogenesis Induced by Oxidized Low Density Lipoprotein in Smooth Muscle Cells via Activation of Sphingomyelinase, Ceramidase, and Sphingosine Kinase. <i>Journal of Biological Chemistry</i> , 1999, 274, 21533-21538.	3.4	150
32	Regulation of cytochrome P450 expression by sphingolipids. <i>Chemistry and Physics of Lipids</i> , 1999, 102, 131-139.	3.2	35
33	Dihydroceramide Biology. <i>Journal of Biological Chemistry</i> , 1997, 272, 21128-21136.	3.4	67
34	Bimodal Regulation of Ceramidase by Interleukin-1 ^β . <i>Journal of Biological Chemistry</i> , 1997, 272, 18718-18724.	3.4	146
35	Ceramide Synthase and Ceramidases in the Regulation of Sphingoid Base Metabolism. <i>Molecular Biology Intelligence Unit</i> , 1997, , 159-172.	0.2	8
36	Regulation of Cytochrome P450 2C11 (CYP2C11) Gene Expression by Interleukin-1, Sphingomyelin Hydrolysis, and Ceramides in Rat Hepatocytes. <i>Journal of Biological Chemistry</i> , 1995, 270, 25233-25238.	3.4	76

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37	Sphingolipid Biosynthesis de Novo by Rat Hepatocytes in Culture.. Journal of Biological Chemistry, 1995, 270, 13834-13841.	3.4	109