

Stefka D Spassieva

List of Publications by Year in descending order

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Version: 2024-02-01

25
papers

1,062
citations

567281

15
h-index

580821

25
g-index

26
all docs

26
docs citations

26
times ranked

1570
citing authors

#	ARTICLE	IF	CITATIONS
1	A Deficiency of Ceramide Biosynthesis Causes Cerebellar Purkinje Cell Neurodegeneration and Lipofuscin Accumulation. <i>PLoS Genetics</i> , 2011, 7, e1002063.	3.5	137
2	Disruption of ceramide synthesis by CerS2 down-regulation leads to autophagy and the unfolded protein response. <i>Biochemical Journal</i> , 2009, 424, 273-283.	3.7	115
3	Necessary Role for the Lag1p Motif in (Dihydro)ceramide Synthase Activity. <i>Journal of Biological Chemistry</i> , 2006, 281, 33931-33938.	3.4	112
4	Selective knockdown of ceramide synthases reveals complex interregulation of sphingolipid metabolism. <i>Journal of Lipid Research</i> , 2011, 52, 68-77.	4.2	104
5	Guggulsterone and bexarotene induce secretion of exosome-associated breast cancer resistance protein and reduce doxorubicin resistance in MDA-MB-231 cells. <i>International Journal of Cancer</i> , 2015, 137, 1610-1620.	5.1	69
6	Neurotoxic deoxysphingolipids and paclitaxel-induced peripheral neuropathy. <i>FASEB Journal</i> , 2015, 29, 4461-4472.	0.5	65
7	Primary cilia in stem cells and neural progenitors are regulated by neutral sphingomyelinase 2 and ceramide. <i>Molecular Biology of the Cell</i> , 2014, 25, 1715-1729.	2.1	63
8	Elevation of 20-carbon long chain bases due to a mutation in serine palmitoyltransferase small subunit b results in neurodegeneration. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 12962-12967.	7.1	61
9	Ectopic expression of ceramide synthase 2 in neurons suppresses neurodegeneration induced by ceramide synthase 1 deficiency. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 5928-5933.	7.1	46
10	Novel function of ceramide for regulation of mitochondrial ATP release in astrocytes. <i>Journal of Lipid Research</i> , 2018, 59, 488-506.	4.2	40
11	Lysosphingolipids and sphingolipidoses: Psychosine in Krabbe's disease. <i>Journal of Neuroscience Research</i> , 2016, 94, 974-981.	2.9	34
12	Regulation of <i>Chlamydomonas</i> flagella and ependymal cell motile cilia by ceramide-mediated translocation of GSK3. <i>Molecular Biology of the Cell</i> , 2015, 26, 4451-4465.	2.1	33
13	Combination of C17 Sphingoid Base Homologues and Mass Spectrometry Analysis as a New Approach to Study Sphingolipid Metabolism. <i>Methods in Enzymology</i> , 2007, 434, 233-241.	1.0	31
14	Increased liver tumor formation in neutral sphingomyelinase-2-deficient mice. <i>Journal of Lipid Research</i> , 2018, 59, 795-804.	4.2	30
15	Function of ceramide transfer protein for biogenesis and sphingolipid composition of extracellular vesicles. <i>Journal of Extracellular Vesicles</i> , 2022, 11, .	12.2	29
16	Cell density-dependent reduction of dihydroceramide desaturase activity in neuroblastoma cells. <i>Journal of Lipid Research</i> , 2012, 53, 918-928.	4.2	13
17	Palmitoylation of acetylated tubulin and association with ceramide-rich platforms is critical for cilogenesis. <i>Journal of Lipid Research</i> , 2021, 62, 100021.	4.2	13
18	Side Effects in Cancer Therapy: Are Sphingolipids to Blame?. <i>Advances in Cancer Research</i> , 2018, 140, 367-388.	5.0	12

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19	Ceramide regulates interaction of Hsd17b4 with Pex5 and function of peroxisomes. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2019, 1864, 1514-1524.	2.4	11
20	Role of 1-Deoxysphingolipids in docetaxel neurotoxicity. <i>Journal of Neurochemistry</i> , 2020, 154, 662-672.	3.9	11
21	The Gut-To-Breast Connection - Interdependence of Sterols and Sphingolipids in Multidrug Resistance and Breast Cancer Therapy. <i>Anti-Cancer Agents in Medicinal Chemistry</i> , 2011, 11, 882-890.	1.7	10
22	Extracellular Vesicles Containing Ceramide-Rich Platforms: "Mobile Raft" Isolation and Analysis. <i>Methods in Molecular Biology</i> , 2021, 2187, 87-98.	0.9	8
23	Sphingoid bases and their involvement in neurodegenerative diseases. <i>Advances in Biological Regulation</i> , 2018, 70, 65-73.	2.3	7
24	Cross-Link/Proximity Ligation Assay for Visualization of Lipid and Protein Complexes in Lipid Rafts. <i>Methods in Molecular Biology</i> , 2021, 2187, 337-348.	0.9	4
25	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