Chiara Donati

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/8246069/publications.pdf

Version: 2024-02-01

69 papers	2,199 citations	172386 29 h-index	243529 44 g-index
70 all docs	70 docs citations	70 times ranked	2335 citing authors

#	Article	IF	Citations
1	Sphingosine 1â€phosphate attenuates neuronal dysfunction induced by amyloidâ€Î² oligomers through endocytic internalization of <scp>NMDA</scp> receptors. FEBS Journal, 2023, 290, 112-133.	2.2	4
2	S1P Signalling Axis Is Necessary for Adiponectin-Directed Regulation of Electrophysiological Properties and Oxidative Metabolism in C2C12 Myotubes. Cells, 2022, 11, 713.	1.8	8
3	Sphingosine 1-phosphate pathway is dysregulated in adenomyosis. Reproductive BioMedicine Online, 2022, 45, 15-18.	1.1	3
4	Sphingosine 1-phosphate receptors are dysregulated in endometriosis: possible implication in transforming growth factor Î²â€“induced fibrosis. Fertility and Sterility, 2021, 115, 501-511.	0.5	19
5	Role of sphingosine 1-phosphate signalling in tissue fibrosis. Cellular Signalling, 2021, 78, 109861.	1.7	17
6	Role of Sphingosine 1-Phosphate Signalling Axis in Muscle Atrophy Induced by TNFÎ± in C2C12 Myotubes. International Journal of Molecular Sciences, 2021, 22, 1280.	1.8	14
7	Phosphatidic Acid Stimulates Myoblast Proliferation through Interaction with LPA1 and LPA2 Receptors. International Journal of Molecular Sciences, 2021, 22, 1452.	1.8	8
8	A2B Adenosine Receptors and Sphingosine 1-Phosphate Signaling Cross-Talk in Oligodendrogliogenesis. Frontiers in Neuroscience, 2021, 15, 677988.	1.4	3
9	Sphingosine 1-phosphate signaling in uterine fibroids: implication in activin A pro-fibrotic effect. Fertility and Sterility, 2021, 115, 1576-1585.	0.5	7
10	Antagonizing S1P3 Receptor with Cell-Penetrating Pepducins in Skeletal Muscle Fibrosis. International Journal of Molecular Sciences, 2021, 22, 8861.	1.8	1
11	Î²3-adrenoreceptor blockade reduces tumor growth and increases neuronal differentiation in neuroblastoma via SK2/S1P2 modulation. Oncogene, 2020, 39, 368-384.	2.6	37
12	Sphingosine 1-phosphate lyase blockade elicits myogenic differentiation of murine myoblasts acting via Spns2/S1P2 receptor axis. Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids, 2020, 1865, 158759.	1.2	5
13	Adenosine A2B receptors inhibit K+ currents and cell differentiation in cultured oligodendrocyte precursor cells and modulate sphingosine-1-phosphate signaling pathway. Biochemical Pharmacology, 2020, 177, 113956.	2.0	22
14	Sphingosine 1-phosphate-mediated activation of ezrin-radixin-moesin proteins contributes to cytoskeletal remodeling and changes of membrane properties in epithelial otic vesicle progenitors. Biochimica Et Biophysica Acta - Molecular Cell Research, 2019, 1866, 554-565.	1.9	16
15	Cadmium effects on superoxide dismutase 1 in human cells revealed by NMR. Redox Biology, 2019, 21, 101102.	3.9	39
16	Bradykinin mediates myogenic differentiation in murine myoblasts through the involvement of SK1/Spns2/S1P2 axis. Cellular Signalling, 2018, 45, 110-121.	1.7	25
17	Lysophosphatidic Acid Signaling Axis Mediates Ceramide 1-Phosphate-Induced Proliferation of C2C12 Myoblasts. International Journal of Molecular Sciences, 2018, 19, 139.	1.8	25
18	S1P promotes migration, differentiation and immune regulatory activity in amniotic-fluidâ€“derived stem cells. European Journal of Pharmacology, 2018, 833, 173-182.	1.7	14

#	Article	IF	Citations
19	NMR metabolomics highlights sphingosine kinaseâ€1 as a new molecular switch in the orchestration of aberrant metabolic phenotype in cancer cells. Molecular Oncology, 2017, 11, 517-533.	2.1	35
20	Sphingosine 1-phosphate signaling axis mediates fibroblast growth factor 2-induced proliferation and survival of murine auditory neuroblasts. Biochimica Et Biophysica Acta - Molecular Cell Research, 2017, 1864, 814-824.	1.9	20
21	Ablation of S1P₃receptor protects mouse soleus from age-related drop in muscle mass, force, and regenerative capacity. American Journal of Physiology - Cell Physiology, 2017, 313, C54-C67.	2.1	8
22	Targeting sphingosine kinase 1 localization as novel target for ovarian cancer therapy. Translational Cancer Research, 2017, 6, S1277-S1280.	0.4	4
23	S1P₃receptor influences key physiological properties of fast-twitch extensor digitorum longus muscle. Journal of Applied Physiology, 2016, 120, 1288-1300.	1.2	13
24	Sphingosine 1-phosphate signaling pathway in inner ear biology. New therapeutic strategies for hearing loss?. Frontiers in Aging Neuroscience, 2015, 7, 60.	1.7	21
25	Endothelial sphingosine kinase/SPNS2 axis is critical for vessel-like formation by human mesoangioblasts. Journal of Molecular Medicine, 2015, 93, 1145-1157.	1.7	18
26	CTGF/CCN2 exerts profibrotic action in myoblasts via the up-regulation of sphingosine kinase-1/S1P3 signaling axis: Implications in the action mechanism of TGFÎ². Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids, 2015, 1851, 194-202.	1.2	29
27	Lysophosphatidic acid stimulates cell migration of satellite cells. A role for the sphingosine kinase/sphingosine 1â€phosphate axis. FEBS Journal, 2014, 281, 4467-4478.	2.2	18
28	TGFÎ²1 evokes myoblast apoptotic responseviaa novel signaling pathway involving S1P₄transactivation upstream of Rhoâ€kinaseâ€2 activation. FASEB Journal, 2013, 27, 4532-4546.	0.2	41
29	New insights into the role of sphingosine 1-phosphate and lysophosphatidic acid in the regulation of skeletal muscle cell biology. Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids, 2013, 1831, 176-184.	1.2	22
30	Role of Sphingosine 1-Phosphate in Skeletal Muscle Cell Biology. Handbook of Experimental Pharmacology, 2013, , 457-467.	0.9	10
31	Sphingosine 1-phosphate axis: a new leader actor in skeletal muscle biology. Frontiers in Physiology, 2013, 4, 338.	1.3	45
32	Adenosine is present in rat brain synaptic vesicles. NeuroReport, 2013, 24, 982-987.	0.6	20
33	S1P₂receptor promotes mouse skeletal muscle regeneration. Journal of Applied Physiology, 2012, 113, 707-713.	1.2	23
34	Ceramide 1-phosphate stimulates proliferation of C2C12 myoblasts. Biochimie, 2012, 94, 597-607.	1.3	60
35	Sphingosine kinase/sphingosine 1-phosphate axis: a new player for insulin-like growth factor-1-induced myoblast differentiation. Skeletal Muscle, 2012, 2, 15.	1.9	36
36	Ecto-ATPase inhibition: ATP and adenosine release under physiological and ischemic in vivo conditions in the rat striatum. Experimental Neurology, 2012, 233, 193-204.	2.0	84

#	Article	IF	Citations
37	Sphingosine 1-phosphate stimulates proliferation and migration of satellite cells. Biochimica Et Biophysica Acta - Molecular Cell Research, 2012, 1823, 439-450.	1.9	74
38	Sphingosine 1-Phosphate Induces Differentiation of Mesoangioblasts towards Smooth Muscle. A Role for GATA6. PLoS ONE, 2011, 6, e20389.	1.1	23
39	The Sphingosine Kinase Activator K6PC-5 Stimulates C2C12 Myoblast Differentiation. International Journal of Immunopathology and Pharmacology, 2011, 24, 55-62.	1.0	11
40	Regulation of growth factor receptor degradation by ADP-ribosylation factor domain protein (ARD) 1. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 10454-10459.	3.3	15
41	Sphingosine kinase-1/S1P1 signalling axis negatively regulates mitogenic response elicited by PDGF in mouse myoblasts. Cellular Signalling, 2010, 22, 1688-1699.	1.7	35
42	An Active Form of Sphingosine Kinase-1 Is Released in the Extracellular Medium as Component of Membrane Vesicles Shed by Two Human Tumor Cell Lines. Journal of Oncology, 2010, 2010, 1-10.	0.6	29
43	Transforming Growth Factor-Î²1 Induces Transdifferentiation of Myoblasts into Myofibroblasts via Up-Regulation of Sphingosine Kinase-1/S1P₃ Axis. Molecular Biology of the Cell, 2010, 21, 1111-1124.	0.9	136
44	Sphingosine Kinase Mediates Resistance to the Synthetic Retinoid N-(4-Hydroxyphenyl)retinamide in Human Ovarian Cancer Cells. Journal of Biological Chemistry, 2010, 285, 18594-18602.	1.6	43
45	TGFÎ² protects mesoangioblasts from apoptosis via sphingosine kinase-1 regulation. Cellular Signalling, 2009, 21, 228-236.	1.7	28
46	Sphingosine 1-phosphate increases glucose uptake through trans-activation of insulin receptor. Cellular and Molecular Life Sciences, 2009, 66, 3207-3218.	2.4	76
47	Sphingosine 1-phosphate induces differentiation of adipose tissue-derived mesenchymal stem cells towards smooth muscle cells. Cellular and Molecular Life Sciences, 2009, 66, 1741-1754.	2.4	58
48	Selective adenosine A2a receptor antagonism reduces JNK activation in oligodendrocytes after cerebral ischaemia. Brain, 2009, 132, 1480-1495.	3.7	85
49	Sphingosine 1-phosphate differentially regulates proliferation of C2C12 reserve cells and myoblasts. Molecular and Cellular Biochemistry, 2008, 314, 193-199.	1.4	34
50	Pleiotropic effects of sphingolipids in skeletal muscle. Cellular and Molecular Life Sciences, 2008, 65, 3725-3736.	2.4	59
51	Sphingosine kinase activity is required for myogenic differentiation of C2C12 myoblasts. Journal of Cellular Physiology, 2008, 214, 210-220.	2.0	62
52	Sphingosine 1-phosphate receptors modulate intracellular Ca2+ homeostasis. Biochemical and Biophysical Research Communications, 2007, 353, 268-274.	1.0	21
53	Tumor necrosis factorâ€Î± exerts proâ€myogenic action in C2C12 myoblasts via sphingosine kinase/S1P₂ signaling. FEBS Letters, 2007, 581, 4384-4388.	1.3	40
54	Sphingosine 1-Phosphate Mediates Proliferation and Survival of Mesoangioblasts. Stem Cells, 2007, 25, 1713-1719.	1.4	69

#	Article	IF	Citations
55	Sphingosine 1-phosphate inhibits cell migration in C2C12 myoblasts. Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids, 2006, 1761, 43-51.	1.2	40
56	Sphingosine 1-phosphate regulates cytoskeleton dynamics: Implications in its biological response. Biochimica Et Biophysica Acta - Biomembranes, 2006, 1758, 2037-2048.	1.4	67
57	Sphingosine 1â€phosphate regulates myogenic differentiation: a major role for S1P 2 receptor. FASEB Journal, 2005, 19, 1-22.	0.2	106
58	Sphingosine kinase activity is required for sphingosine-mediated phospholipase D activation in C2C12 myoblasts. Biochemical Journal, 2004, 381, 655-663.	1.7	20
59	Neutral ceramidase secreted by endothelial cells is released in part associated with caveolin-1. Archives of Biochemistry and Biophysics, 2003, 417, 27-33.	1.4	16
60	Down-regulation of EDG5/S1P2 during myogenic differentiation results in the specific uncoupling of sphingosine 1-phosphate signalling to phospholipase D. Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids, 2003, 1633, 133-142.	1.2	42
61	Activation of Phospholipase D by Bradykinin and Sphingosine 1-Phosphate in A549 Human Lung Adenocarcinoma Cells via Different GTP-Binding Proteins and Protein Kinase C Delta Signaling Pathwaysâ€. Biochemistry, 2003, 42, 284-292.	1.2	25
62	Sphingosine 1-phosphate evokes calcium signals in C2C12 myoblasts via Edg3 and Edg5 receptors. Biochemical Journal, 2002, 362, 349.	1.7	27
63	Sphingosine 1-phosphate evokes calcium signals in C2C12 myoblasts via Edg3 and Edg5 receptors. Biochemical Journal, 2002, 362, 349-357.	1.7	43
64	A role for calcium in sphingosine 1-phosphate-induced phospholipase D activity in C2C12 myoblasts. FEBS Letters, 2002, 521, 200-204.	1.3	10
65	Dual regulation of sphingosine 1-phosphate-induced phospholipase D activity through RhoA and protein kinase C-Î± in C2C12 myoblasts. Cellular Signalling, 2001, 13, 593-598.	1.7	12
66	Sphingosine 1-phosphate induces arachidonic acid mobilization in A549 human lung adenocarcinoma cells. Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids, 2000, 1483, 154-160.	1.2	18
67	Receptor-activated phospholipase D is present in caveolin-3-enriched light membranes of C2C12 myotubes. FEBS Letters, 2000, 473, 10-14.	1.3	14
68	Permissive role of protein kinase CÎ± but not protein kinase CÎ´ in sphingosine 1-phosphate-induced RhoA activation in C2C12 myoblasts. FEBS Letters, 2000, 482, 97-101.	1.3	38
69	Receptor-mediated activation of phospholipase D by sphingosine 1-phosphate in skeletal muscle C2C12 cells. FEBS Letters, 1999, 457, 184-188.	1.3	49