

Evgeny Berdyshev

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3054218/publications.pdf>

Version: 2024-02-01

57
papers

3,015
citations

136950

32
h-index

161849

54
g-index

57
all docs

57
docs citations

57
times ranked

4034
citing authors

#	ARTICLE	IF	CITATIONS
1	Ceramide upregulation causes pulmonary cell apoptosis and emphysema-like disease in mice. <i>Nature Medicine</i> , 2005, 11, 491-498.	30.7	471
2	Lipid abnormalities in atopic skin are driven by type 2 cytokines. <i>JCI Insight</i> , 2018, 3, .	5.0	172
3	The nonlesional skin surface distinguishes atopic dermatitis with food allergy as a unique endotype. <i>Science Translational Medicine</i> , 2019, 11, .	12.4	159
4	Epithelial barrier repair and prevention of allergy. <i>Journal of Clinical Investigation</i> , 2019, 129, 1463-1474.	8.2	137
5	Sphingosine-1-Phosphate, FTY720, and Sphingosine-1-Phosphate Receptors in the Pathobiology of Acute Lung Injury. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2013, 49, 6-17.	2.9	127
6	Quantitative analysis of sphingoid base-1-phosphates as bisacetylated derivatives by liquid chromatography-tandem mass spectrometry. <i>Analytical Biochemistry</i> , 2005, 339, 129-136.	2.4	125
7	The Sphingosine Kinase 1/Sphingosine-1-Phosphate Pathway in Pulmonary Arterial Hypertension. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2014, 190, 1032-1043.	5.6	112
8	Protection of LPS-Induced Murine Acute Lung Injury by Sphingosine-1-Phosphate Lyase Suppression. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2011, 45, 426-435.	2.9	110
9	Cutaneous barrier dysfunction in allergic diseases. <i>Journal of Allergy and Clinical Immunology</i> , 2020, 145, 1485-1497.	2.9	94
10	Superoxide dismutase protects against apoptosis and alveolar enlargement induced by ceramide. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2008, 295, L44-L53.	2.9	86
11	De novo biosynthesis of dihydrosphingosine-1-phosphate by sphingosine kinase 1 in mammalian cells. <i>Cellular Signalling</i> , 2006, 18, 1779-1792.	3.6	83
12	Targeting sphingosine kinase 1 attenuates bleomycin-induced pulmonary fibrosis. <i>FASEB Journal</i> , 2013, 27, 1749-1760.	0.5	83
13	Stimulation of Sphingosine 1-Phosphate Signaling as an Alveolar Cell Survival Strategy in Emphysema. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2010, 181, 344-352.	5.6	68
14	Sphingosine-1-phosphate lyase is an endogenous suppressor of pulmonary fibrosis: role of S1P signalling and autophagy. <i>Thorax</i> , 2015, 70, 1138-1148.	5.6	62
15	Apoptotic Sphingolipid Signaling by Ceramides in Lung Endothelial Cells. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2008, 38, 639-646.	2.9	61
16	Sphingolipid regulation of lung epithelial cell mitophagy and necroptosis during cigarette smoke exposure. <i>FASEB Journal</i> , 2018, 32, 1880-1890.	0.5	59
17	Role of sphingolipids in murine radiation-induced lung injury: protection by sphingosine 1-phosphate analogs. <i>FASEB Journal</i> , 2011, 25, 3388-3400.	0.5	57
18	Ceramide Signaling and Metabolism in Pathophysiological States of the Lung. <i>Annual Review of Physiology</i> , 2016, 78, 463-480.	13.1	55

#	ARTICLE	IF	CITATIONS
19	Particulate matter causes skin barrier dysfunction. JCI Insight, 2021, 6, .	5.0	51
20	Intracellular S1P Generation Is Essential for S1P-Induced Motility of Human Lung Endothelial Cells: Role of Sphingosine Kinase 1 and S1P Lyase. PLoS ONE, 2011, 6, e16571.	2.5	49
21	Sphingosine Kinase 1 Deficiency Confers Protection against Hyperoxia-Induced Bronchopulmonary Dysplasia in a Murine Model. American Journal of Pathology, 2013, 183, 1169-1182.	3.8	48
22	CFTR Regulation of Intracellular pH and Ceramides Is Required for Lung Endothelial Cell Apoptosis. American Journal of Respiratory Cell and Molecular Biology, 2009, 41, 314-323.	2.9	45
23	Oxidized LDL signals through Rho-GTPase to induce endothelial cell stiffening and promote capillary formation. Journal of Lipid Research, 2016, 57, 791-808.	4.2	44
24	Inhibition of serine palmitoyltransferase delays the onset of radiation-induced pulmonary fibrosis through the negative regulation of sphingosine kinase-1 expression. Journal of Lipid Research, 2012, 53, 1553-1568.	4.2	43
25	Autotaxin activity increases locally following lung injury, but is not required for pulmonary lysophosphatidic acid production or fibrosis. FASEB Journal, 2016, 30, 2435-2450.	0.5	38
26	<i>Pseudomonas aeruginosa</i> stimulates nuclear sphingosine-1-phosphate generation and epigenetic regulation of lung inflammatory injury. Thorax, 2019, 74, 579-591.	5.6	38
27	Characterization of sphingosine-1-phosphate lyase activity by electrospray ionization-liquid chromatography/tandem mass spectrometry quantitation of (2E)-hexadecenal. Analytical Biochemistry, 2011, 408, 12-18.	2.4	37
28	Polyunsaturated lysophosphatidic acid as a potential asthma biomarker. Biomarkers in Medicine, 2016, 10, 123-135.	1.4	37
29	Anti-Inflammatory Effects of OxPAPC Involve Endothelial Cell-Mediated Generation of LXA4. Circulation Research, 2017, 121, 244-257.	4.5	37
30	Proatherogenic Flow Increases Endothelial Stiffness via Enhanced CD36-Mediated Uptake of Oxidized Low-Density Lipoproteins. Arteriosclerosis, Thrombosis, and Vascular Biology, 2018, 38, 64-75.	2.4	37
31	Space radiation-associated lung injury in a murine model. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2015, 308, L416-L428.	2.9	36
32	Hyperoxia-induced p47 ^{phox} activation and ROS generation is mediated through S1P transporter Spns2, and S1P/S1P ₁ & S1P ₂ signaling axis in lung endothelium. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2016, 311, L337-L351.	2.9	33
33	Role of Sphingosine Kinase 1 and S1P Transporter Spns2 in HGF-mediated Lamellipodia Formation in Lung Endothelium. Journal of Biological Chemistry, 2016, 291, 27187-27203.	3.4	32
34	Impairment of Flow-Sensitive Inwardly Rectifying K ⁺ Channels via Disruption of Glycocalyx Mediates Obesity-Induced Endothelial Dysfunction. Arteriosclerosis, Thrombosis, and Vascular Biology, 2020, 40, e240-e255.	2.4	30
35	Skin tape proteomics identifies pathways associated with transepidermal water loss and allergen polysensitization in atopic dermatitis. Journal of Allergy and Clinical Immunology, 2020, 146, 1367-1378.	2.9	30
36	Inhibition of acid sphingomyelinase disrupts LYNUS signaling and triggers autophagy. Journal of Lipid Research, 2018, 59, 596-606.	4.2	27

#	ARTICLE	IF	CITATIONS
37	Sphingolipids in Ventilator Induced Lung Injury: Role of Sphingosine-1-Phosphate Lyase. <i>International Journal of Molecular Sciences</i> , 2018, 19, 114.	4.1	26
38	Role of Glucosylceramide in Lung Endothelial Cell Fate and Emphysema. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2019, 200, 1113-1125.	5.6	19
39	Neonatal therapy with PF543, a sphingosine kinase 1 inhibitor, ameliorates hyperoxia-induced airway remodeling in a murine model of bronchopulmonary dysplasia. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2020, 319, L497-L512.	2.9	19
40	Bioactive Sphingolipids in the Pathogenesis of Chronic Obstructive Pulmonary Disease. <i>Annals of the American Thoracic Society</i> , 2018, 15, S249-S252.	3.2	18
41	Ceramide and sphingosine-1 phosphate in COPD lungs. <i>Thorax</i> , 2021, 76, 821-825.	5.6	15
42	The Roles of Sphingosine Kinase 1 and 2 in Regulating the Metabolome and Survival of Prostate Cancer Cells. <i>Biomolecules</i> , 2013, 3, 316-333.	4.0	13
43	Neutral sphingomyelinase 2 deficiency is associated with lung anomalies similar to emphysema. <i>Mammalian Genome</i> , 2012, 23, 758-763.	2.2	12
44	Group 1 CD1-restricted T cells contribute to control of systemic <i>Staphylococcus aureus</i> infection. <i>PLoS Pathogens</i> , 2020, 16, e1008443.	4.7	11
45	Unique skin abnormality in patients with peanut allergy but no atopic dermatitis. <i>Journal of Allergy and Clinical Immunology</i> , 2021, 147, 361-367.e1.	2.9	11
46	Nuclear Sphingosine-1-phosphate Lyase Generated Δ^2 -hexadecenal is A Regulator of HDAC Activity and Chromatin Remodeling in Lung Epithelial Cells. <i>Cell Biochemistry and Biophysics</i> , 2021, 79, 575-592.	1.8	10
47	Type II Natural Killer T Cells Contribute to Protection Against Systemic Methicillin-Resistant <i>Staphylococcus aureus</i> Infection. <i>Frontiers in Immunology</i> , 2020, 11, 610010.	4.8	8
48	Sphingosine 1 Phosphate (S1P) Receptor 1 Is Decreased in Human Lung Microvascular Endothelial Cells of Smokers and Mediates S1P Effect on Autophagy. <i>Cells</i> , 2021, 10, 1200.	4.1	8
49	Methodological Considerations for Lipid and Polar Component Analyses in Human Skin Stratum Corneum. <i>Cell Biochemistry and Biophysics</i> , 2021, 79, 659-668.	1.8	8
50	Signaling sphingolipids are biomarkers for atopic dermatitis prone to disseminated viral infections. <i>Journal of Allergy and Clinical Immunology</i> , 2022, 150, 640-648.	2.9	8
51	GFI1-Dependent Repression of SGPP1 Increases Multiple Myeloma Cell Survival. <i>Cancers</i> , 2022, 14, 772.	3.7	5
52	IGSF3 mutation identified in patient with severe COPD alters cell function and motility. <i>JCI Insight</i> , 2020, 5, .	5.0	4
53	Association of atopic dermatitis and suicide: more than a coincidence?. <i>Annals of Allergy, Asthma and Immunology</i> , 2020, 125, 4-5.	1.0	3
54	Hyperlinear palms as a clinical finding in peanut allergy. <i>Journal of Allergy and Clinical Immunology: in Practice</i> , 2020, 8, 2823-2825.	3.8	2

#	ARTICLE	IF	CITATIONS
55	Olive oil is for eating and not skin moisturization. Journal of Allergy and Clinical Immunology, 2021, 148, 652.	2.9	2
56	9 A NOVEL ROLE OF SPHINGOSINE KINASE 1 IN THE DE NOVO BIOSYNTHESIS OF DIHYDROSPHINGOSINE-1-PHOSPHATE IN MAMMALIAN CELLS.. Journal of Investigative Medicine, 2006, 54, S345.3-S345.	1.6	0
57	GFI1-Dependent SGPP1 Repression Promotes Growth and Survival of Myeloma Cells. Blood, 2019, 134, 4387-4387.	1.4	0