Erich Gulbins

List of Publications by Year
in descending order

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Version: 2024-02-01

386 papers	29,004 citations	3731 89 h-index	7745 150 g-index
402 all docs	402 docs citations	402 times ranked	22587 citing authors

#	Article	IF	Citations
1	Risk of Death in Individuals Hospitalized for COVID-19 With and Without Psychiatric Disorders: An Observational Multicenter Study in France. Biological Psychiatry Global Open Science, 2023, 3, 56-67.	2.2	12
2	The acid sphingomyelinase/ceramide system in COVID-19. Molecular Psychiatry, 2022, 27, 307-314.	7.9	71
3	Comorbid medical conditions are a key factor to understand the relationship between psychiatric disorders and COVID-19-related mortality: Results from 49,089 COVID-19 inpatients. Molecular Psychiatry, 2022, 27, 1278-1280.	7.9	18
4	CFTR modulator therapy alters plasma sphingolipid profiles in people with cystic fibrosis. Journal of Cystic Fibrosis, 2022, 21, 713-720.	0.7	13
5	Lung Transplantation for Adult Respiratory Distress Syndrome after SARS-CoV-2 Infection. The Thoracic and Cardiovascular Surgeon Reports, 2022, 11, e23-e26.	0.3	1
6	Pharmacological modulation of Kv1.3 potassium channel selectively triggers pathological B lymphocyte apoptosis in vivo in a genetic CLL model. Journal of Experimental and Clinical Cancer Research, 2022, 41, 64.	8.6	14
7	Association between FIASMA psychotropic medications and reduced risk of intubation or death in individuals with psychiatric disorders hospitalized for severe COVID-19: an observational multicenter study. Translational Psychiatry, 2022, 12, 90.	4.8	23
8	Sphingolipid control of cognitive functions in health and disease. Progress in Lipid Research, 2022, 86, 101162.	11.6	21
9	Mitochondrial Kv1.3 Channels as Target for Treatment of Multiple Myeloma. Cancers, 2022, 14, 1955.	3.7	9
10	Inhibition of a Mitochondrial Potassium Channel in Combination with Gemcitabine and Abraxane Drastically Reduces Pancreatic Ductal Adenocarcinoma in an Immunocompetent Orthotopic Murine Model. Cancers, 2022, 14, 2618.	3.7	11
11	Ceramide levels in blood plasma correlate with major depressive disorder severity and its neutralization abrogates depressive behavior in mice. Journal of Biological Chemistry, 2022, 298, 102185.	3.4	14
12	Neutral Sphingomyelinase is an Affective Valence-Dependent Regulator of Learning and Memory. Cerebral Cortex, 2021, 31, 1316-1333.	2.9	12
13	The Role of Acid Sphingomyelinase Inhibition in Repetitive Mild Traumatic Brain Injury. Journal of Surgical Research, 2021, 259, 296-304.	1.6	9
14	Cocaine attenuates acid sphingomyelinase activity during establishment of addictionâ€related behaviorâ€”A translational study in rats and monkeys. Addiction Biology, 2021, 26, e12955.	2.6	1
15	Neutral ceramidase is a marker for cognitive performance in rats and monkeys. Pharmacological Reports, 2021, 73, 73-84.	3.3	7
16	Acid Ceramidase Rescues Cystic Fibrosis Mice from Pulmonary Infections. Infection and Immunity, 2021, 89, .	2.2	10
17	Interferon regulatory factor 8 regulates expression of acid ceramidase and infection susceptibility in cystic fibrosis. Journal of Biological Chemistry, 2021, 296, 100650.	3.4	3
18	Inhibition of acid sphingomyelinase by ambroxol prevents SARS-CoV-2 entry into epithelial cells. Journal of Biological Chemistry, 2021, 296, 100701.	3.4	63

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19	Acid sphingomyelinase promotes SGK1-dependent vascular calcification. Clinical Science, 2021, 135, 515-534.	4.3	9
20	Ex vivo assay to evaluate the efficacy of drugs targeting sphingolipids in preventing SARS-CoV-2 infection of nasal epithelial cells. STAR Protocols, 2021, 2, 100356.	1.2	7
21	The Anti-Infectious Role of Sphingosine in Microbial Diseases. Cells, 2021, 10, 1105.	4.1	23
22	mRNA Expression of SMPD1 Encoding Acid Sphingomyelinase Decreases upon Antidepressant Treatment. International Journal of Molecular Sciences, 2021, 22, 5700.	4.1	10
23	Staphylococcus aureus Î±-Toxin Induces Acid Sphingomyelinase Release From a Human Endothelial Cell Line. Frontiers in Microbiology, 2021, 12, 694489.	3.5	4
24	Association Between FIASMAs and Reduced Risk of Intubation or Death in Individuals Hospitalized for Severe COVIDâ€19: An Observational Multicenter Study. Clinical Pharmacology and Therapeutics, 2021, 110, 1498-1511.	4.7	59
25	Repurposing antidepressants inhibiting the sphingomyelinase acid/ceramide system against COVID-19: current evidence and potential mechanisms. Molecular Psychiatry, 2021, 26, 7098-7099.	7.9	38
26	New Molecular Targets for Antidepressant Drugs. Pharmaceuticals, 2021, 14, 894.	3.8	22
27	Inhaled sphingosine has no adverse side effects in isolated ventilated and perfused pig lungs. Scientific Reports, 2021, 11, 18607.	3.3	2
28	Neutral sphingomyelinase mediates the co-morbidity trias of alcohol abuse, major depression and bone defects. Molecular Psychiatry, 2021, 26, 7403-7416.	7.9	20
29	Antimicrobial coating prevents ventilator-associated pneumonia in a 72 hour large animal model. Journal of Surgical Research, 2021, 267, 424-431.	1.6	2
30	Mitochondrial K+ channels and their implications for disease mechanisms. , 2021, 227, 107874.		29
31	Burn Injury Impairs Neutrophil Chemotaxis Through Increased Ceramide. Shock, 2021, 56, 125-132.	2.1	7
32	P. aeruginosa Induced Lipid Peroxidation Causes Ferroptotic Cell Death in Airways. Cellular Physiology and Biochemistry, 2021, 55, 590-604.	1.6	17
33	Analysis of Lipids in Ceramide-Enriched Membrane Domains. Methods in Molecular Biology, 2021, 2187, 207-213.	0.9	1
34	Acid sphingomyelinase regulates T_H2Âcytokine release and bronchial asthma. Allergy: European Journal of Allergy and Clinical Immunology, 2020, 75, 603-615.	5.7	14
35	Sphingosine is able to prevent and eliminate Staphylococcus epidermidis biofilm formation on different orthopedic implant materials in vitro. Journal of Molecular Medicine, 2020, 98, 209-219.	3.9	18
36	Ceramides affect alcohol consumption and depressiveâ€like and anxietyâ€like behavior in a brain regionâ€• and ceramide speciesâ€specific way in male mice. Addiction Biology, 2020, 25, e12847.	2.6	26

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37	Homozygous Smpd1 deficiency aggravates brain ischemia/ reperfusion injury by mechanisms involving polymorphonuclear neutrophils, whereas heterozygous Smpd1 deficiency protects against mild focal cerebral ischemia. Basic Research in Cardiology, 2020, 115, 64.	5.9	13
38	Insight into the mechanism of cytotoxicity of membrane-permeant psoralenic Kv1.3 channel inhibitors by chemical dissection of a novel member of the family. Redox Biology, 2020, 37, 101705.	9.0	22
39	Doxycycline-Coated Silicone Breast Implants Reduce Acute Surgical-Site Infection and Inflammation. Plastic and Reconstructive Surgery, 2020, 146, 1029-1041.	1.4	12
40	Sphingosine prevents binding of SARSâ€“CoV-2 spike to its cellular receptor ACE2. Journal of Biological Chemistry, 2020, 295, 15174-15182.	3.4	34
41	Characterization of the small molecule ARC39, a direct and specific inhibitor of acid sphingomyelinase in vitro. Journal of Lipid Research, 2020, 61, 896-910.	4.2	39
42	Voltage-Gated Potassium Channels as Regulators of Cell Death. Frontiers in Cell and Developmental Biology, 2020, 8, 611853.	3.7	36
43	Pharmacological Inhibition of Acid Sphingomyelinase Prevents Uptake of SARS-CoV-2 by Epithelial Cells. Cell Reports Medicine, 2020, 1, 100142.	6.5	142
44	Acid Sphingomyelinase Contributes to the Control of Mycobacterial Infection via a Signaling Cascade Leading from Reactive Oxygen Species to Cathepsin D. Cells, 2020, 9, 2406.	4.1	6
45	Veno-Venous Extracorporeal Membrane Oxygenation in Adult Patients with Sickle Cell Disease and Acute Chest Syndrome: a Single-Center Experience. Hemoglobin, 2020, 44, 71-77.	0.8	4
46	Anxiety and Depression Are Related to Higher Activity of Sphingolipid Metabolizing Enzymes in the Rat Brain. Cells, 2020, 9, 1239.	4.1	16
47	Acid Sphingomyelinase Inhibition Mitigates Histopathological and Behavioral Changes in a Murine Model of Traumatic Brain Injury. Journal of Neurotrauma, 2020, 37, 1902-1909.	3.4	8
48	Podocytopathy and Nephrotic Syndrome in Mice with Podocyte-Specific Deletion of the Asah1 Gene. American Journal of Pathology, 2020, 190, 1211-1223.	3.8	26
49	Acid ceramidase of macrophages traps herpes simplex virus in multivesicular bodies and protects from severe disease. Nature Communications, 2020, 11, 1338.	12.8	32
50	Recombinant Acid Ceramidase Reduces Inflammation and Infection in Cystic Fibrosis. American Journal of Respiratory and Critical Care Medicine, 2020, 202, 1133-1145.	5.6	26
51	Arterial Medial Calcification through Enhanced small Extracellular Vesicle Release in Smooth Muscle-Specific Asah1 Gene Knockout Mice. Scientific Reports, 2020, 10, 1645.	3.3	28
52	Role of 1â€Deoxysphingolipids in docetaxel neurotoxicity. Journal of Neurochemistry, 2020, 154, 662-672.	3.9	11
53	Serotonin â€“ lipid interactions and their role in behavior. Handbook of Behavioral Neuroscience, 2020, 31, 289-308.	0.7	2
54	Sphingosine kills bacteria by binding to cardiolipin. Journal of Biological Chemistry, 2020, 295, 7686-7696.	3.4	36

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55	Therapeutic Inhaled Sphingosine for Treating Lung Infection in a Mouse Model of Critical Illness. Cellular Physiology and Biochemistry, 2020, 54, 1054-1067.	1.6	3
56	The Forebrain-Specific Overexpression of Acid Sphingomyelinase Induces Depressive-Like Symptoms in Mice. Cells, 2020, 9, 1244.	4.1	15
57	Role of Sphingolipids in Bacterial Infections. , 2020, , 165-177.		0
58	The Role of Chemoprophylactic Agents in Modulating Platelet Aggregability After TraumaticÂBrain Injury. Journal of Surgical Research, 2019, 244, 1-8.	1.6	11
59	Enhanced Alcohol Preference and Anxiolytic Alcohol Effects in Niemann-Pick Disease Model in Mice. Frontiers in Neurology, 2019, 10, 731.	2.4	17
60	Sphingosine-coating of plastic surfaces prevents ventilator-associated pneumonia. Journal of Molecular Medicine, 2019, 97, 1195-1211.	3.9	23
61	Specific Inhibition of the NLRP3 Inflammasome as an Antiinflammatory Strategy in Cystic Fibrosis. American Journal of Respiratory and Critical Care Medicine, 2019, 200, 1381-1391.	5.6	74
62	Monitoring the Sphingolipid de novo Synthesis by Stable-Isotope Labeling and Liquid Chromatography-Mass Spectrometry. Frontiers in Cell and Developmental Biology, 2019, 7, 210.	3.7	44
63	Acid sphingomyelinase controls dopamine activity and responses to appetitive stimuli in mice. Brain Research Bulletin, 2019, 146, 310-319.	3.0	18
64	Secretory Acid Sphingomyelinase in the Serum of Medicated Patients Predicts the Prospective Course of Depression. Journal of Clinical Medicine, 2019, 8, 846.	2.4	25
65	Acid Sphingomyelinase Deficiency Ameliorates Farber Disease. International Journal of Molecular Sciences, 2019, 20, 6253.	4.1	13
66	Role of Sphingolipids in Bacterial Infections. , 2019, , 1-14.		0
67	Autophagy augmentation alleviates cigarette smoke-induced CFTR-dysfunction, ceramide-accumulation and COPD-emphysema pathogenesis. Free Radical Biology and Medicine, 2019, 131, 81-97.	2.9	36
68	Amitriptyline Treatment Mitigates Sepsis-Induced Tumor Necrosis Factor Expression and Coagulopathy. Shock, 2019, 51, 356-363.	2.1	17
69	Acid Sphingomyelinase-Ceramide System in Bacterial Infections. Cellular Physiology and Biochemistry, 2019, 52, 280-301.	1.6	31
70	Amitriptyline Reduces Inflammation and Mortality in a Murine Model of Sepsis. Cellular Physiology and Biochemistry, 2019, 52, 565-579.	1.6	23
71	Signalling Effects Induced by Acid Ceramidase in Human Epithelial Or Leukemic Cell Lines. Cellular Physiology and Biochemistry, 2019, 52, 1092-1102.	1.6	3
72	Pharmacological Inhibition of Acid Sphingomyelinase Ameliorates Experimental Autoimmune Encephalomyelitis. NeuroSignals, 2019, 27, 20-31.	0.9	5

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73	Clinical Development of Sphingosine as Anti-Bacterial Drug: Inhalation of Sphingosine in Mini Pigs has no Adverse Side Effects. Cellular Physiology and Biochemistry, 2019, 53, 1015-1028.	1.6	16
74	Pulmonary infection of cystic fibrosis mice with Staphylococcus aureus requires expression of Î±-toxin. Biological Chemistry, 2018, 399, 1203-1213.	2.5	16
75	Sphingomyelinase, Acidic. , 2018, , 5112-5119.		0
76	The role of sphingolipids in psychoactive drug use and addiction. Journal of Neural Transmission, 2018, 125, 651-672.	2.8	20
77	Sphingolipids as targets for inhalation treatment of cystic fibrosis. Advanced Drug Delivery Reviews, 2018, 133, 66-75.	13.7	25
78	Crosstalk Between Sphingomyelinases and Reactive Oxygen Species in Mycobacterial Infection. Antioxidants and Redox Signaling, 2018, 28, 935-948.	5.4	8
79	Regulation ofStaphylococcus aureusInfection of Macrophages by CD44, Reactive Oxygen Species, and Acid Sphingomyelinase. Antioxidants and Redox Signaling, 2018, 28, 916-934.	5.4	28
80	Endocytosis of Red Blood Cell Microparticles by Pulmonary Endothelial Cells is Mediated By Rab5. Shock, 2018, 49, 288-294.	2.1	16
81	Bioactive Lipids and Redox Signaling: Molecular Mechanism and Disease Pathogenesis. Antioxidants and Redox Signaling, 2018, 28, 911-915.	5.4	18
82	Staphylococcus aureus Alpha-Toxin Disrupts Endothelial-Cell Tight Junctions via Acid Sphingomyelinase and Ceramide. Infection and Immunity, 2018, 86, .	2.2	37
83	Peripheral Acid Sphingomyelinase Activity Is Associated with Biomarkers and Phenotypes of Alcohol Use and Dependence in Patients and Healthy Controls. International Journal of Molecular Sciences, 2018, 19, 4028.	4.1	32
84	Antidepressants regulate autophagy by targeting acid sphingomyelinase. Molecular Psychiatry, 2018, 23, 2251-2251.	7.9	4
85	Mycobacterial Infection is Promoted by Neutral Sphingomyelinase 2 Regulating a Signaling Cascade Leading to Activation of Î²1-Integrin. Cellular Physiology and Biochemistry, 2018, 51, 1815-1829.	1.6	15
86	Chronic Psychosocial Stress in Mice Is Associated With Increased Acid Sphingomyelinase Activity in Liver and Serum and With Hepatic C16:0-Ceramide Accumulation. Frontiers in Psychiatry, 2018, 9, 496.	2.6	12
87	Sphingolipids and Innate Immunity: A New Approach to Infection in the Post-Antibiotic Era?. Surgical Infections, 2018, 19, 792-803.	1.4	11
88	Vascular and Neurogenic Rejuvenation in Aging Mice by Modulation of ASM. Neuron, 2018, 100, 167-182.e9.	8.1	39
89	Derivatization of common antidepressant drugs increases inhibition of acid sphingomyelinase and reduces induction of phospholipidosis. Journal of Neural Transmission, 2018, 125, 1837-1845.	2.8	11
90	Antidepressants act by inducing autophagy controlled by sphingomyelinâ€“ceramide. Molecular Psychiatry, 2018, 23, 2324-2346.	7.9	166

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91	Sphingolipids in early viral replication and innate immune activation. Biological Chemistry, 2018, 399, 1115-1123.	2.5	27
92	Highlight: sphingolipids in infectious biology and immunology. Biological Chemistry, 2018, 399, 1113-1113.	2.5	1
93	The function of sphingomyelinases in mycobacterial infections. Biological Chemistry, 2018, 399, 1125-1133.	2.5	7
94	Pathological manifestations of Farber disease in a new mouse model. Biological Chemistry, 2018, 399, 1183-1202.	2.5	24
95	Inflammatory cells, ceramides, and expression of proteases in perivascular adipose tissue adjacent to human abdominal aortic aneurysms. Journal of Vascular Surgery, 2017, 65, 1171-1179.e1.	1.1	47
96	Lipids in psychiatric disorders and preventive medicine. Neuroscience and Biobehavioral Reviews, 2017, 76, 336-362.	6.1	116
97	Acid Sphingomyelinase Inhibition in Stored Erythrocytes Reduces Transfusion-Associated Lung Inflammation. Annals of Surgery, 2017, 265, 218-226.	4.2	41
98	Burn injury influences the T cell homeostasis in a butyrate-acid sphingomyelinase dependent manner. Cellular Immunology, 2017, 313, 25-31.	3.0	13
99	Contribution of p62 to Phenotype Transition of Coronary Arterial Myocytes with Defective Autophagy. Cellular Physiology and Biochemistry, 2017, 41, 555-568.	1.6	6
100	Direct Pharmacological Targeting of a Mitochondrial Ion Channel Selectively Kills Tumor Cells InÂVivo. Cancer Cell, 2017, 31, 516-531.e10.	16.8	138
101	The sphingosine 1-phosphate breakdown product, (2E)-hexadecenal, forms protein adducts and glutathione conjugates in vitro. Journal of Lipid Research, 2017, 58, 1648-1660.	4.2	21
102	Î²1-Integrin Accumulates in Cystic Fibrosis Luminal Airway Epithelial Membranes and Decreases Sphingosine, Promoting Bacterial Infections. Cell Host and Microbe, 2017, 21, 707-718.e8.	11.0	86
103	Staphylococcus aureus Survives in Cystic Fibrosis Macrophages, Forming a Reservoir for Chronic Pneumonia. Infection and Immunity, 2017, 85, .	2.2	33
104	Acid sphingomyelinase deficiency in Western diet-fed mice protects against adipocyte hypertrophy and diet-induced liver steatosis. Molecular Metabolism, 2017, 6, 416-427.	6.5	9
105	Paradoxical antidepressant effects of alcohol are related to acid sphingomyelinase and its control of sphingolipid homeostasis. Acta Neuropathologica, 2017, 133, 463-483.	7.7	68
106	Staphylococcus aureus Î±-Toxin Induces Inflammatory Cytokines via Lysosomal Acid Sphingomyelinase and Ceramides. Cellular Physiology and Biochemistry, 2017, 43, 2170-2184.	1.6	32
107	Lysophosphatidic Acid Inhibits Insulin Signaling in Primary Rat Hepatocytes via the LPA3 Receptor Subtype and is Increased in Obesity. Cellular Physiology and Biochemistry, 2017, 43, 445-456.	1.6	22
108	Regulation of Arthritis Severity by the Acid Sphingomyelinase. Cellular Physiology and Biochemistry, 2017, 43, 1460-1471.	1.6	20

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109	Neutrophils Kill Reactive Oxygen Species-Resistant Pseudomonas aeruginosa by Sphingosine. Cellular Physiology and Biochemistry, 2017, 43, 1603-1616.	1.6	11
110	Fas cell surface death receptor controls hepatic lipid metabolism by regulating mitochondrial function. Nature Communications, 2017, 8, 480.	12.8	40
111	Glucosylceramide Critically Contributes to the Host Defense of Cystic Fibrosis Lungs. Cellular Physiology and Biochemistry, 2017, 41, 1208-1218.	1.6	10
112	Targeting the Potassium Channel Kv1.3 Kills Glioblastoma Cells. NeuroSignals, 2017, 25, 26-38.	0.9	40
113	Bronchoalveolar Lavage Microvesicles Protect Burn-Injured Mice from Pulmonary Infection. Journal of the American College of Surgeons, 2017, 225, 538-547.	0.5	9
114	Sphingosine rescues aged mice from pulmonary pseudomonas infection. Journal of Surgical Research, 2017, 219, 354-359.	1.6	12
115	Sphingosine's role in epithelial host defense: A natural antimicrobial and novel therapeutic. Biochimie, 2017, 141, 91-96.	2.6	27
116	Melanoma cell metastasis via P-selectin-mediated activation of acid sphingomyelinase in platelets. Clinical and Experimental Metastasis, 2017, 34, 25-35.	3.3	25
117	Alternative splicing of SMPD1 coding for acid sphingomyelinase in major depression. Journal of Affective Disorders, 2017, 209, 10-15.	4.1	18
118	Blockade of Experimental Multiple Sclerosis by Inhibition of the Acid Sphingomyelinase/Ceramide System. NeuroSignals, 2017, 25, 88-97.	0.9	18
119	Acid sphingomyelinase deficiency enhances myelin repair after acute and chronic demyelination. PLoS ONE, 2017, 12, e0178622.	2.5	29
120	Implication of CD38 gene in autophagic degradation of collagen I in mouse coronary arterial myocytes. Frontiers in Bioscience - Landmark, 2017, 22, 558-569.	3.0	11
121	Enhancement of endothelial permeability by free fatty acid through lysosomal cathepsin B-mediated Nlrp3 inflammasome activation. Oncotarget, 2016, 7, 73229-73241.	1.8	95
122	Chemokine Receptors, CXCR1 and CXCR2, Differentially Regulate Exosome Release in Hepatocytes. PLoS ONE, 2016, 11, e0161443.	2.5	28
123	Acid Sphingomyelinase Inhibition Prevents Hemolysis During Erythrocyte Storage. Cellular Physiology and Biochemistry, 2016, 39, 331-340.	1.6	9
124	Inhibition of neutral sphingomyelinase protects mice against systemic tuberculosis. Frontiers in Bioscience - Elite, 2016, 8, 311-325.	1.8	8
125	Role of Acid Sphingomyelinase in the Regulation of Social Behavior and Memory. PLoS ONE, 2016, 11, e0162498.	2.5	19
126	Amitriptyline Usage Exacerbates the Immune Suppression Following Burn Injury. Shock, 2016, 46, 541-548.	2.1	23

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127	Frontline Science: Sphingosine rescues burn-injured mice from pulmonary Pseudomonas aeruginosa infection. Journal of Leukocyte Biology, 2016, 100, 1233-1237.	3.3	33
128	Role of Janus-Kinases in Major Depressive Disorder. NeuroSignals, 2016, 24, 71-80.	0.9	16
129	A sphingolipid mechanism for behavioral extinction. Journal of Neurochemistry, 2016, 137, 589-603.	3.9	46
130	Inhibition of Acid Sphingomyelinase Allows for Selective Targeting of CD4+ Conventional versus Foxp3+ Regulatory T Cells. Journal of Immunology, 2016, 197, 3130-3141.	0.8	42
131	Long-Term Pulmonal Therapy of Cystic Fibrosis-Patients with Amitriptyline. Cellular Physiology and Biochemistry, 2016, 39, 565-572.	1.6	29
132	Quantitative Determination of Ceramide Molecular Species in Dendritic Cells. Cellular Physiology and Biochemistry, 2016, 39, 1608-1617.	1.6	9
133	Regulation of Neuronal Stem Cell Proliferation in the Hippocampus by Endothelial Ceramide. Cellular Physiology and Biochemistry, 2016, 39, 790-801.	1.6	26
134	Role of Acid Sphingomyelinase-Induced Signaling in Melanoma Cells for Hematogenous Tumor Metastasis. Cellular Physiology and Biochemistry, 2016, 38, 1-14.	1.6	19
135	Lack of Sphingosine Causes Susceptibility to Pulmonary Staphylococcus Aureus Infections in Cystic Fibrosis. Cellular Physiology and Biochemistry, 2016, 38, 2094-2102.	1.6	59
136	Melatonin Acts as an Antidepressant by Inhibition of the Acid Sphingomyelinase/Ceramide System. NeuroSignals, 2016, 24, 48-58.	0.9	13
137	Acid Sphingomyelinase (ASM) is a Negative Regulator of Regulatory T Cell (Treg) Development. Cellular Physiology and Biochemistry, 2016, 39, 985-995.	1.6	42
138	Pharmacological targeting of ion channels for cancer therapy: In vivo evidences. Biochimica Et Biophysica Acta - Molecular Cell Research, 2016, 1863, 1385-1397.	4.1	82
139	Hepatocyte exosomes mediate liver repair and regeneration via sphingosine-1-phosphate. Journal of Hepatology, 2016, 64, 60-68.	3.7	235
140	Sphingomyelinase, Acidic. , 2016, , 1-8.		0
141	Regulation of hematogenous tumor metastasis by acid sphingomyelinase. EMBO Molecular Medicine, 2015, 7, 714-734.	6.9	83
142	Inhibition of Acid Sphingomyelinase by Antidepressants Counteracts Stress-Induced Activation of P38-Kinase in Major Depression. NeuroSignals, 2015, 23, 84-92.	0.9	18
143	Highly sensitive isotope-dilution liquid-chromatographyâ€“electrospray ionizationâ€“tandem-mass spectrometry approach to study the drug-mediated modulation of dopamine and serotonin levels in Caenorhabditis elegans. Talanta, 2015, 144, 71-79.	5.5	18
144	Ceramide and sphingosine in pulmonary infections. Biological Chemistry, 2015, 396, 611-620.	2.5	41

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145	Sphingolipids in Major Depression. NeuroSignals, 2015, 23, 49-58.	0.9	24
146	Brain membrane lipids in major depression and anxiety disorders. Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids, 2015, 1851, 1052-1065.	2.4	222
147	Ceramide in the regulation of eryptosis, the suicidal erythrocyte death. Apoptosis: an International Journal on Programmed Cell Death, 2015, 20, 758-767.	4.9	54
148	Conjugated bilirubin triggers anemia by inducing erythrocyte death. Hepatology, 2015, 61, 275-284.	7.3	141
149	Acid sphingomyelinase inhibition protects mice from lung edema and lethal Staphylococcus aureus sepsis. Journal of Molecular Medicine, 2015, 93, 675-689.	3.9	62
150	Highlight: Molecular Medicine of Sphingolipids. Biological Chemistry, 2015, 396, 569-571.	2.5	0
151	Inhibition of acidic sphingomyelinase reduces established hepatic fibrosis in mice. Hepatology Research, 2015, 45, 305-314.	3.4	21
152	Pseudomonas aeruginosaPyocyanin Induces Neutrophil DeathviaMitochondrial Reactive Oxygen Species and Mitochondrial Acid Sphingomyelinase. Antioxidants and Redox Signaling, 2015, 22, 1097-1110.	5.4	122
153	A central role for the acid sphingomyelinase/ceramide system in neurogenesis and major depression. Journal of Neurochemistry, 2015, 134, 183-192.	3.9	67
154	Alterations of plasma glycerophospholipid and sphingolipid species in male alcohol-dependent patients. Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids, 2015, 1851, 1501-1510.	2.4	23
155	Sphingolipids in liver injury, repair and regeneration. Biological Chemistry, 2015, 396, 633-643.	2.5	39
156	Endothelial Nlrp3 inflammasome activation associated with lysosomal destabilization during coronary arteritis. Biochimica Et Biophysica Acta - Molecular Cell Research, 2015, 1853, 396-408.	4.1	102
157	Targeting a mitochondrial potassium channel to fight cancer. Cell Calcium, 2015, 58, 131-138.	2.4	48
158	Engineered liposomes sequester bacterial exotoxins and protect from severe invasive infections in mice. Nature Biotechnology, 2015, 33, 81-88.	17.5	187
159	Activation of Nlrp3 Inflammasomes Enhances Macrophage Lipid-Deposition and Migration: Implication of a Novel Role of Inflammasome in Atherogenesis. PLoS ONE, 2014, 9, e87552.	2.5	100
160	Effects of Green Tea Compound Epigallocatechin-3-Gallate against Stenotrophomonas maltophilia Infection and Biofilm. PLoS ONE, 2014, 9, e92876.	2.5	40
161	Regulation of the Inflammasome by Ceramide in Cystic Fibrosis Lungs. Cellular Physiology and Biochemistry, 2014, 34, 45-55.	1.6	49
162	Invariant Natural Killer T (iNKT) Cells Prevent Autoimmunity, but Induce Pulmonary Inflammation in Cystic Fibrosis. Cellular Physiology and Biochemistry, 2014, 34, 56-70.	1.6	24

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163	Inhibition of acid sphingomyelinase by tricyclic antidepressants and analogons. Frontiers in Physiology, 2014, 5, 331.	2.8	103
164	Differential Activation of Acid Sphingomyelinase and Ceramide Release Determines Invasiveness of Neisseria meningitidis into Brain Endothelial Cells. PLoS Pathogens, 2014, 10, e1004160.	4.7	67
165	Loss of Cystic Fibrosis Transmembrane Conductance Regulator Impairs Lung Endothelial Cell Barrier Function and Increases Susceptibility to Microvascular Damage from Cigarette Smoke. Pulmonary Circulation, 2014, 4, 260-268.	1.7	30
166	Sphingoid long chain bases prevent lung infection by Pseudomonas aeruginosa. EMBO Molecular Medicine, 2014, 6, 1205-1214.	6.9	109
167	Role of acid sphingomyelinase in the regulation of mast cell function. Clinical and Experimental Allergy, 2014, 44, 79-90.	2.9	11
168	Sex-Dependent Decrease of Sphingomyelinase Activity During Alcohol Withdrawal Treatment. Cellular Physiology and Biochemistry, 2014, 34, 71-81.	1.6	24
169	The Common Acid Sphingomyelinase Polymorphism p.G508R is Associated with Self-Reported Allergy. Cellular Physiology and Biochemistry, 2014, 34, 82-91.	1.6	11
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