

Erich Gulbins

List of Publications by Year in Descending Order

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Version: 2024-04-26

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

375
papers

22,171
citations

79
h-index

134
g-index

402
ext. papers

24,593
ext. citations

6.8
avg, IF

6.7
L-index

#	Paper	IF	Citations
375	Risk of death in individuals hospitalized for COVID-19 with and without psychiatric disorders: an observational multicenter study in France.. <i>Biological Psychiatry Global Open Science</i> , 2022 ,		1
374	CFTR modulator therapy alters plasma sphingolipid profiles in people with cystic fibrosis.. <i>Journal of Cystic Fibrosis</i> , 2022 ,	4.1	2
373	Lung Transplantation for Adult Respiratory Distress Syndrome after SARS-CoV-2 Infection.. <i>The Thoracic and Cardiovascular Surgeon Reports</i> , 2022 , 11, e23-e26	0.3	0
372	Pharmacological modulation of Kv1.3 potassium channel selectively triggers pathological B lymphocyte apoptosis in vivo in a genetic CLL model.. <i>Journal of Experimental and Clinical Cancer Research</i> , 2022 , 41, 64	12.8	1
371	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.. <i>Translational Psychiatry</i> , 2022 , 12, 90	8.6	4
370	Sphingolipid control of cognitive functions in health and disease.. <i>Progress in Lipid Research</i> , 2022 , 86, 101162	14.3	1
369	Inhibition of a Mitochondrial Potassium Channel in Combination with Gemcitabine and Abraxane Drastically Reduces Pancreatic Ductal Adenocarcinoma in an Immunocompetent Orthotopic Murine Model. <i>Cancers</i> , 2022 , 14, 2618	6.6	1
368	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. <i>Molecular Psychiatry</i> , 2021 ,	15.1	4
367	The acid sphingomyelinase/ceramide system in COVID-19. <i>Molecular Psychiatry</i> , 2021 ,	15.1	18
366	<i>P. aeruginosa</i> Induced Lipid Peroxidation Causes Ferroptotic Cell Death in Airways. <i>Cellular Physiology and Biochemistry</i> , 2021 , 55, 590-604	3.9	0
365	Analysis of Lipids in Ceramide-Enriched Membrane Domains. <i>Methods in Molecular Biology</i> , 2021 , 2187, 207-213	1.4	
364	Burn Injury Impairs Neutrophil Chemotaxis Through Increased Ceramide. <i>Shock</i> , 2021 , 56, 125-132	3.4	2
363	assay to evaluate the efficacy of drugs targeting sphingolipids in preventing SARS-CoV-2 infection of nasal epithelial cells. <i>STAR Protocols</i> , 2021 , 2, 100356	1.4	3
362	The Anti-Infectious Role of Sphingosine in Microbial Diseases. <i>Cells</i> , 2021 , 10,	7.9	4
361	mRNA Expression of Encoding Acid Sphingomyelinase Decreases upon Antidepressant Treatment. <i>International Journal of Molecular Sciences</i> , 2021 , 22,	6.3	3
360	Neutral Sphingomyelinase is an Affective Valence-Dependent Regulator of Learning and Memory. <i>Cerebral Cortex</i> , 2021 , 31, 1316-1333	5.1	5
359	The Role of Acid Sphingomyelinase Inhibition in Repetitive Mild Traumatic Brain Injury. <i>Journal of Surgical Research</i> , 2021 , 259, 296-304	2.5	5

358	Cocaine attenuates acid sphingomyelinase activity during establishment of addiction-related behavior-A translational study in rats and monkeys. <i>Addiction Biology</i> , 2021 , 26, e12955	4.6	1
357	Neutral ceramidase is a marker for cognitive performance in rats and monkeys. <i>Pharmacological Reports</i> , 2021 , 73, 73-84	3.9	4
356	Acid Ceramidase Rescues Cystic Fibrosis Mice from Pulmonary Infections. <i>Infection and Immunity</i> , 2021 , 89,	3.7	4
355	Interferon regulatory factor 8 regulates expression of acid ceramidase and infection susceptibility in cystic fibrosis. <i>Journal of Biological Chemistry</i> , 2021 , 296, 100650	5.4	0
354	Inhibition of acid sphingomyelinase by ambroxol prevents SARS-CoV-2 entry into epithelial cells. <i>Journal of Biological Chemistry</i> , 2021 , 296, 100701	5.4	31
353	Acid sphingomyelinase promotes SGK1-dependent vascular calcification. <i>Clinical Science</i> , 2021 , 135, 515-534	6.34	3
352	Toxin Induces Acid Sphingomyelinase Release From a Human Endothelial Cell Line. <i>Frontiers in Microbiology</i> , 2021 , 12, 694489	5.7	0
351	Association Between FIASMAs and Reduced Risk of Intubation or Death in Individuals Hospitalized for Severe COVID-19: An Observational Multicenter Study. <i>Clinical Pharmacology and Therapeutics</i> , 2021 , 110, 1498-1511	6.1	34
350	Repurposing antidepressants inhibiting the sphingomyelinase acid/ceramide system against COVID-19: current evidence and potential mechanisms. <i>Molecular Psychiatry</i> , 2021 ,	15.1	12
349	New Molecular Targets for Antidepressant Drugs. <i>Pharmaceuticals</i> , 2021 , 14,	5.2	4
348	Inhaled sphingosine has no adverse side effects in isolated ventilated and perfused pig lungs. <i>Scientific Reports</i> , 2021 , 11, 18607	4.9	0
347	Neutral sphingomyelinase mediates the co-morbidity trias of alcohol abuse, major depression and bone defects. <i>Molecular Psychiatry</i> , 2021 ,	15.1	4
346	Antimicrobial coating prevents ventilator-associated pneumonia in a 72 hour large animal model. <i>Journal of Surgical Research</i> , 2021 , 267, 424-431	2.5	1
345	Mitochondrial K channels and their implications for disease mechanisms. <i>Pharmacology & Therapeutics</i> , 2021 , 227, 107874	13.9	7
344	Pharmacological Inhibition of Acid Sphingomyelinase Prevents Uptake of SARS-CoV-2 by Epithelial Cells. <i>Cell Reports Medicine</i> , 2020 , 1, 100142	18	76
343	Acid Sphingomyelinase Contributes to the Control of Mycobacterial Infection via a Signaling Cascade Leading from Reactive Oxygen Species to Cathepsin D. <i>Cells</i> , 2020 , 9,	7.9	3
342	Veno-Venous Extracorporeal Membrane Oxygenation in Adult Patients with Sickle Cell Disease and Acute Chest Syndrome: a Single-Center Experience. <i>Hemoglobin</i> , 2020 , 44, 71-77	0.6	1
341	Anxiety and Depression Are Related to Higher Activity of Sphingolipid Metabolizing Enzymes in the Rat Brain. <i>Cells</i> , 2020 , 9,	7.9	7

340	Acid Sphingomyelinase Inhibition Mitigates Histopathological and Behavioral Changes in a Murine Model of Traumatic Brain Injury. <i>Journal of Neurotrauma</i> , 2020 , 37, 1902-1909	5.4	5
339	Podocytopathy and Nephrotic Syndrome in Mice with Podocyte-Specific Deletion of the Asah1 Gene: Role of Ceramide Accumulation in Glomeruli. <i>American Journal of Pathology</i> , 2020 , 190, 1211-1223 ^{5,8}	5.8	14
338	Acid ceramidase of macrophages traps herpes simplex virus in multivesicular bodies and protects from severe disease. <i>Nature Communications</i> , 2020 , 11, 1338	17.4	17
337	Recombinant Acid Ceramidase Reduces Inflammation and Infection in Cystic Fibrosis. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2020 , 202, 1133-1145	10.2	10
336	Arterial Medial Calcification through Enhanced small Extracellular Vesicle Release in Smooth Muscle-Specific Asah1 Gene Knockout Mice. <i>Scientific Reports</i> , 2020 , 10, 1645	4.9	11
335	Role of 1-Deoxysphingolipids in docetaxel neurotoxicity. <i>Journal of Neurochemistry</i> , 2020 , 154, 662-672	6	8
334	Serotonin Lipid interactions and their role in behavior. <i>Handbook of Behavioral Neuroscience</i> , 2020 , 31, 289-308	0.7	1
333	Sphingosine kills bacteria by binding to cardiolipin. <i>Journal of Biological Chemistry</i> , 2020 , 295, 7686-7696 ^{5,4}	5.4	12
332	Therapeutic Inhaled Sphingosine for Treating Lung Infection in a Mouse Model of Critical Illness. <i>Cellular Physiology and Biochemistry</i> , 2020 , 54, 1054-1067	3.9	2
331	The Forebrain-Specific Overexpression of Acid Sphingomyelinase Induces Depressive-Like Symptoms in Mice. <i>Cells</i> , 2020 , 9,	7.9	4
330	Role of Sphingolipids in Bacterial Infections 2020 , 165-177		
329	Acid sphingomyelinase regulates T2 cytokine release and bronchial asthma. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2020 , 75, 603-615	9.3	7
328	Sphingosine is able to prevent and eliminate Staphylococcus epidermidis biofilm formation on different orthopedic implant materials in vitro. <i>Journal of Molecular Medicine</i> , 2020 , 98, 209-219	5.5	8
327	Ceramides affect alcohol consumption and depressive-like and anxiety-like behavior in a brain region- and ceramide species-specific way in male mice. <i>Addiction Biology</i> , 2020 , 25, e12847	4.6	8
326	Homozygous Smpd1 deficiency aggravates brain ischemia/ reperfusion injury by mechanisms involving polymorphonuclear neutrophils, whereas heterozygous Smpd1 deficiency protects against mild focal cerebral ischemia. <i>Basic Research in Cardiology</i> , 2020 , 115, 64	11.8	4
325	Insight into the mechanism of cytotoxicity of membrane-permeant psoralenic Kv1.3 channel inhibitors by chemical dissection of a novel member of the family. <i>Redox Biology</i> , 2020 , 37, 101705	11.3	10
324	Doxycycline-Coated Silicone Breast Implants Reduce Acute Surgical-Site Infection and Inflammation. <i>Plastic and Reconstructive Surgery</i> , 2020 , 146, 1029-1041	2.7	4
323	Sphingosine prevents binding of SARS-CoV-2 spike to its cellular receptor ACE2. <i>Journal of Biological Chemistry</i> , 2020 , 295, 15174-15182	5.4	19

322	Characterization of the small molecule ARC39, a direct and specific inhibitor of acid sphingomyelinase in vitro. <i>Journal of Lipid Research</i> , 2020 , 61, 896-910	6.3	19
321	Voltage-Gated Potassium Channels as Regulators of Cell Death. <i>Frontiers in Cell and Developmental Biology</i> , 2020 , 8, 611853	5.7	11
320	Specific Inhibition of the NLRP3 Inflammasome as an Antiinflammatory Strategy in Cystic Fibrosis. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2019 , 200, 1381-1391	10.2	45
319	Monitoring the Sphingolipid Synthesis by Stable-Isotope Labeling and Liquid Chromatography-Mass Spectrometry. <i>Frontiers in Cell and Developmental Biology</i> , 2019 , 7, 210	5.7	20
318	Acid sphingomyelinase controls dopamine activity and responses to appetitive stimuli in mice. <i>Brain Research Bulletin</i> , 2019 , 146, 310-319	3.9	11
317	Secretory Acid Sphingomyelinase in the Serum of Medicated Patients Predicts the Prospective Course of Depression. <i>Journal of Clinical Medicine</i> , 2019 , 8,	5.1	13
316	The Role of Chemoprophylactic Agents in Modulating Platelet Aggregability After Traumatic Brain Injury. <i>Journal of Surgical Research</i> , 2019 , 244, 1-8	2.5	4
315	Enhanced Alcohol Preference and Anxiolytic Alcohol Effects in Niemann-Pick Disease Model in Mice. <i>Frontiers in Neurology</i> , 2019 , 10, 731	4.1	9
314	Sphingosine-coating of plastic surfaces prevents ventilator-associated pneumonia. <i>Journal of Molecular Medicine</i> , 2019 , 97, 1195-1211	5.5	15
313	Acid Sphingomyelinase-Ceramide System in Bacterial Infections. <i>Cellular Physiology and Biochemistry</i> , 2019 , 52, 280-301	3.9	21
312	Amitriptyline Reduces Inflammation and Mortality in a Murine Model of Sepsis. <i>Cellular Physiology and Biochemistry</i> , 2019 , 52, 565-579	3.9	14
311	Signalling Effects Induced by Acid Ceramidase in Human Epithelial Or Leukemic Cell Lines. <i>Cellular Physiology and Biochemistry</i> , 2019 , 52, 1092-1102	3.9	2
310	Pharmacological Inhibition of Acid Sphingomyelinase Ameliorates Experimental Autoimmune Encephalomyelitis. <i>NeuroSignals</i> , 2019 , 27, 20-31	1.9	4
309	Clinical Development of Sphingosine as Anti-Bacterial Drug: Inhalation of Sphingosine in Mini Pigs has no Adverse Side Effects. <i>Cellular Physiology and Biochemistry</i> , 2019 , 53, 1015-1028	3.9	10
308	Acid Sphingomyelinase Deficiency Ameliorates Farber Disease. <i>International Journal of Molecular Sciences</i> , 2019 , 20,	6.3	8
307	Role of Sphingolipids in Bacterial Infections 2019 , 1-14		
306	Autophagy augmentation alleviates cigarette smoke-induced CFTR-dysfunction, ceramide-accumulation and COPD-emphysema pathogenesis. <i>Free Radical Biology and Medicine</i> , 2019 , 131, 81-97	7.8	22
305	Amitriptyline Treatment Mitigates Sepsis-Induced Tumor Necrosis Factor Expression and Coagulopathy. <i>Shock</i> , 2019 , 51, 356-363	3.4	11

304	Pulmonary infection of cystic fibrosis mice with <i>Staphylococcus aureus</i> requires expression of β -toxin. <i>Biological Chemistry</i> , 2018 , 399, 1203-1213	4.5	12
303	The role of sphingolipids in psychoactive drug use and addiction. <i>Journal of Neural Transmission</i> , 2018 , 125, 651-672	4.3	12
302	Sphingolipids as targets for inhalation treatment of cystic fibrosis. <i>Advanced Drug Delivery Reviews</i> , 2018 , 133, 66-75	18.5	18
301	Crosstalk Between Sphingomyelinases and Reactive Oxygen Species in Mycobacterial Infection. <i>Antioxidants and Redox Signaling</i> , 2018 , 28, 935-948	8.4	4
300	Regulation of Infection of Macrophages by CD44, Reactive Oxygen Species, and Acid Sphingomyelinase. <i>Antioxidants and Redox Signaling</i> , 2018 , 28, 916-934	8.4	17
299	Endocytosis of Red Blood Cell Microparticles by Pulmonary Endothelial Cells is Mediated By Rab5. <i>Shock</i> , 2018 , 49, 288-294	3.4	10
298	Antidepressants act by inducing autophagy controlled by sphingomyelin-ceramide. <i>Molecular Psychiatry</i> , 2018 , 23, 2324-2346	15.1	101
297	Sphingolipids in early viral replication and innate immune activation. <i>Biological Chemistry</i> , 2018 , 399, 1115-1123	4.5	16
296	The function of sphingomyelinases in mycobacterial infections. <i>Biological Chemistry</i> , 2018 , 399, 1125-1135	4.5	6
295	Pathological manifestations of Farber disease in a new mouse model. <i>Biological Chemistry</i> , 2018 , 399, 1183-1202	4.5	12
294	<i>Staphylococcus aureus</i> Alpha-Toxin Disrupts Endothelial-Cell Tight Junctions via Acid Sphingomyelinase and Ceramide. <i>Infection and Immunity</i> , 2018 , 86,	3.7	19
293	Peripheral Acid Sphingomyelinase Activity Is Associated with Biomarkers and Phenotypes of Alcohol Use and Dependence in Patients and Healthy Controls. <i>International Journal of Molecular Sciences</i> , 2018 , 19,	6.3	16
292	Antidepressants regulate autophagy by targeting acid sphingomyelinase. <i>Molecular Psychiatry</i> , 2018 , 23, 2251-2251	15.1	3
291	Mycobacterial Infection is Promoted by Neutral Sphingomyelinase 2 Regulating a Signaling Cascade Leading to Activation of β -Integrin. <i>Cellular Physiology and Biochemistry</i> , 2018 , 51, 1815-1829	3.9	6
290	Chronic Psychosocial Stress in Mice Is Associated With Increased Acid Sphingomyelinase Activity in Liver and Serum and With Hepatic C16:0-Ceramide Accumulation. <i>Frontiers in Psychiatry</i> , 2018 , 9, 496	5	8
289	Sphingolipids and Innate Immunity: A New Approach to Infection in the Post-Antibiotic Era?. <i>Surgical Infections</i> , 2018 , 19, 792-803	2	8
288	Vascular and Neurogenic Rejuvenation in Aging Mice by Modulation of ASM. <i>Neuron</i> , 2018 , 100, 167-182	15.9	21
287	Derivatization of common antidepressant drugs increases inhibition of acid sphingomyelinase and reduces induction of phospholipidosis. <i>Journal of Neural Transmission</i> , 2018 , 125, 1837-1845	4.3	9

286	Inflammatory cells, ceramides, and expression of proteases in perivascular adipose tissue adjacent to human abdominal aortic aneurysms. <i>Journal of Vascular Surgery</i> , 2017 , 65, 1171-1179.e1	3.5	35
285	Lipids in psychiatric disorders and preventive medicine. <i>Neuroscience and Biobehavioral Reviews</i> , 2017 , 76, 336-362	9	77
284	Acid Sphingomyelinase Inhibition in Stored Erythrocytes Reduces Transfusion-Associated Lung Inflammation. <i>Annals of Surgery</i> , 2017 , 265, 218-226	7.8	28
283	Burn injury influences the T cell homeostasis in a butyrate-acid sphingomyelinase dependent manner. <i>Cellular Immunology</i> , 2017 , 313, 25-31	4.4	10
282	Contribution of p62 to Phenotype Transition of Coronary Arterial Myocytes with Defective Autophagy. <i>Cellular Physiology and Biochemistry</i> , 2017 , 41, 555-568	3.9	4
281	Direct Pharmacological Targeting of a Mitochondrial Ion Channel Selectively Kills Tumor Cells In Vivo. <i>Cancer Cell</i> , 2017 , 31, 516-531.e10	24.3	92
280	The sphingosine 1-phosphate breakdown product, (2)-hexadecenal, forms protein adducts and glutathione conjugates in vitro. <i>Journal of Lipid Research</i> , 2017 , 58, 1648-1660	6.3	16
279	β -Integrin Accumulates in Cystic Fibrosis Luminal Airway Epithelial Membranes and Decreases Sphingosine, Promoting Bacterial Infections. <i>Cell Host and Microbe</i> , 2017 , 21, 707-718.e8	23.4	60
278	Staphylococcus aureus Survives in Cystic Fibrosis Macrophages, Forming a Reservoir for Chronic Pneumonia. <i>Infection and Immunity</i> , 2017 , 85,	3.7	15
277	Acid sphingomyelinase deficiency in Western diet-fed mice protects against adipocyte hypertrophy and diet-induced liver steatosis. <i>Molecular Metabolism</i> , 2017 , 6, 416-427	8.8	6
276	Paradoxical antidepressant effects of alcohol are related to acid sphingomyelinase and its control of sphingolipid homeostasis. <i>Acta Neuropathologica</i> , 2017 , 133, 463-483	14.3	53
275	Staphylococcus aureus α -Toxin Induces Inflammatory Cytokines via Lysosomal Acid Sphingomyelinase and Ceramides. <i>Cellular Physiology and Biochemistry</i> , 2017 , 43, 2170-2184	3.9	23
274	Lysophosphatidic Acid Inhibits Insulin Signaling in Primary Rat Hepatocytes via the LPA3 Receptor Subtype and is Increased in Obesity. <i>Cellular Physiology and Biochemistry</i> , 2017 , 43, 445-456	3.9	16
273	Regulation of Arthritis Severity by the Acid Sphingomyelinase. <i>Cellular Physiology and Biochemistry</i> , 2017 , 43, 1460-1471	3.9	9
272	Neutrophils Kill Reactive Oxygen Species-Resistant Pseudomonas aeruginosa by Sphingosine. <i>Cellular Physiology and Biochemistry</i> , 2017 , 43, 1603-1616	3.9	9
271	Acid sphingomyelinase deficiency enhances myelin repair after acute and chronic demyelination. <i>PLoS ONE</i> , 2017 , 12, e0178622	3.7	19
270	Implication of CD38 gene in autophagic degradation of collagen I in mouse coronary arterial myocytes. <i>Frontiers in Bioscience - Landmark</i> , 2017 , 22, 558-569	2.8	10
269	Fas cell surface death receptor controls hepatic lipid metabolism by regulating mitochondrial function. <i>Nature Communications</i> , 2017 , 8, 480	17.4	27

268	Glucosylceramide Critically Contributes to the Host Defense of Cystic Fibrosis Lungs. <i>Cellular Physiology and Biochemistry</i> , 2017 , 41, 1208-1218	3.9	7
267	Targeting the Potassium Channel Kv1.3 Kills Glioblastoma Cells. <i>NeuroSignals</i> , 2017 , 25, 26-38	1.9	22
266	Bronchoalveolar Lavage Microvesicles Protect Burn-Injured Mice from Pulmonary Infection. <i>Journal of the American College of Surgeons</i> , 2017 , 225, 538-547	4.4	8
265	Sphingosine rescues aged mice from pulmonary pseudomonas infection. <i>Journal of Surgical Research</i> , 2017 , 219, 354-359	2.5	9
264	Sphingosine ^Q role in epithelial host defense: A natural antimicrobial and novel therapeutic. <i>Biochimie</i> , 2017 , 141, 91-96	4.6	19
263	Melanoma cell metastasis via P-selectin-mediated activation of acid sphingomyelinase in platelets. <i>Clinical and Experimental Metastasis</i> , 2017 , 34, 25-35	4.7	22
262	Alternative splicing of SMPD1 coding for acid sphingomyelinase in major depression. <i>Journal of Affective Disorders</i> , 2017 , 209, 10-15	6.6	15
261	Blockade of Experimental Multiple Sclerosis by Inhibition of the Acid Sphingomyelinase/Ceramide System. <i>NeuroSignals</i> , 2017 , 25, 88-97	1.9	12
260	Hepatocyte exosomes mediate liver repair and regeneration via sphingosine-1-phosphate. <i>Journal of Hepatology</i> , 2016 , 64, 60-8	13.4	168
259	Inhibition of Acid Sphingomyelinase Allows for Selective Targeting of CD4+ Conventional versus Foxp3+ Regulatory T Cells. <i>Journal of Immunology</i> , 2016 , 197, 3130-3141	5.3	28
258	Long-Term Pulmonal Therapy of Cystic Fibrosis-Patients with Amitriptyline. <i>Cellular Physiology and Biochemistry</i> , 2016 , 39, 565-72	3.9	22
257	Quantitative Determination of Ceramide Molecular Species in Dendritic Cells. <i>Cellular Physiology and Biochemistry</i> , 2016 , 39, 1608-17	3.9	7
256	Regulation of Neuronal Stem Cell Proliferation in the Hippocampus by Endothelial Ceramide. <i>Cellular Physiology and Biochemistry</i> , 2016 , 39, 790-801	3.9	20
255	Role of Acid Sphingomyelinase-Induced Signaling in Melanoma Cells for Hematogenous Tumor Metastasis. <i>Cellular Physiology and Biochemistry</i> , 2016 , 38, 1-14	3.9	17
254	Lack of Sphingosine Causes Susceptibility to Pulmonary Staphylococcus Aureus Infections in Cystic Fibrosis. <i>Cellular Physiology and Biochemistry</i> , 2016 , 38, 2094-102	3.9	43
253	Melatonin Acts as an Antidepressant by Inhibition of the Acid Sphingomyelinase/Ceramide System. <i>NeuroSignals</i> , 2016 , 24, 48-58	1.9	8
252	Acid Sphingomyelinase (ASM) is a Negative Regulator of Regulatory T Cell (Treg) Development. <i>Cellular Physiology and Biochemistry</i> , 2016 , 39, 985-95	3.9	35
251	Pharmacological targeting of ion channels for cancer therapy: In vivo evidences. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2016 , 1863, 1385-97	4.9	63

250	Enhancement of endothelial permeability by free fatty acid through lysosomal cathepsin B-mediated Nlrp3 inflammasome activation. <i>Oncotarget</i> , 2016 , 7, 73229-73241	3.3	71
249	Chemokine Receptors, CXCR1 and CXCR2, Differentially Regulate Exosome Release in Hepatocytes. <i>PLoS ONE</i> , 2016 , 11, e0161443	3.7	17
248	Acid Sphingomyelinase Inhibition Prevents Hemolysis During Erythrocyte Storage. <i>Cellular Physiology and Biochemistry</i> , 2016 , 39, 331-40	3.9	8
247	Inhibition of neutral sphingomyelinase protects mice against systemic tuberculosis. <i>Frontiers in Bioscience - Elite</i> , 2016 , 8, 311-25	1.6	6
246	Role of Acid Sphingomyelinase in the Regulation of Social Behavior and Memory. <i>PLoS ONE</i> , 2016 , 11, e0162498	3.7	13
245	Amitriptyline Usage Exacerbates the Immune Suppression Following Burn Injury. <i>Shock</i> , 2016 , 46, 541-548	3.4	16
244	Frontline Science: Sphingosine rescues burn-injured mice from pulmonary <i>Pseudomonas aeruginosa</i> infection. <i>Journal of Leukocyte Biology</i> , 2016 , 100, 1233-1237	6.5	21
243	Role of Janus-Kinases in Major Depressive Disorder. <i>NeuroSignals</i> , 2016 , 24, 71-80	1.9	10
242	A sphingolipid mechanism for behavioral extinction. <i>Journal of Neurochemistry</i> , 2016 , 137, 589-603	6	37
241	Conjugated bilirubin triggers anemia by inducing erythrocyte death. <i>Hepatology</i> , 2015 , 61, 275-84	11.2	109
240	Acid sphingomyelinase inhibition protects mice from lung edema and lethal <i>Staphylococcus aureus</i> sepsis. <i>Journal of Molecular Medicine</i> , 2015 , 93, 675-89	5.5	50
239	Inhibition of acidic sphingomyelinase reduces established hepatic fibrosis in mice. <i>Hepatology Research</i> , 2015 , 45, 305-14	5.1	16
238	<i>Pseudomonas aeruginosa</i> pyocyanin induces neutrophil death via mitochondrial reactive oxygen species and mitochondrial acid sphingomyelinase. <i>Antioxidants and Redox Signaling</i> , 2015 , 22, 1097-110	8.4	82
237	A central role for the acid sphingomyelinase/ceramide system in neurogenesis and major depression. <i>Journal of Neurochemistry</i> , 2015 , 134, 183-92	6	49
236	Alterations of plasma glycerophospholipid and sphingolipid species in male alcohol-dependent patients. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2015 , 1851, 1501-10	5	17
235	Sphingolipids in liver injury, repair and regeneration. <i>Biological Chemistry</i> , 2015 , 396, 633-43	4.5	28
234	Endothelial Nlrp3 inflammasome activation associated with lysosomal destabilization during coronary arteritis. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2015 , 1853, 396-408	4.9	73
233	Targeting a mitochondrial potassium channel to fight cancer. <i>Cell Calcium</i> , 2015 , 58, 131-8	4	38

232	Engineered liposomes sequester bacterial exotoxins and protect from severe invasive infections in mice. <i>Nature Biotechnology</i> , 2015 , 33, 81-8	44.5	145
231	Regulation of hematogenous tumor metastasis by acid sphingomyelinase. <i>EMBO Molecular Medicine</i> , 2015 , 7, 714-34	12	60
230	Inhibition of Acid Sphingomyelinase by Antidepressants Counteracts Stress-Induced Activation of P38-Kinase in Major Depression. <i>NeuroSignals</i> , 2015 , 23, 84-92	1.9	16
229	Highly sensitive isotope-dilution liquid-chromatography-electrospray ionization-tandem-mass spectrometry approach to study the drug-mediated modulation of dopamine and serotonin levels in <i>Caenorhabditis elegans</i> . <i>Talanta</i> , 2015 , 144, 71-9	6.2	9
228	Ceramide and sphingosine in pulmonary infections. <i>Biological Chemistry</i> , 2015 , 396, 611-20	4.5	34
227	Sphingolipids in Major Depression. <i>NeuroSignals</i> , 2015 , 23, 49-58	1.9	17
226	Brain membrane lipids in major depression and anxiety disorders. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2015 , 1851, 1052-65	5	173
225	Ceramide in the regulation of eryptosis, the suicidal erythrocyte death. <i>Apoptosis: an International Journal on Programmed Cell Death</i> , 2015 , 20, 758-67	5.4	36
224	Acid sphingomyelinase regulates platelet cell membrane scrambling, secretion, and thrombus formation. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2014 , 34, 61-71	9.4	41
223	Defective autophagosome trafficking contributes to impaired autophagic flux in coronary arterial myocytes lacking CD38 gene. <i>Cardiovascular Research</i> , 2014 , 102, 68-78	9.9	41
222	Activation of Nlrp3 inflammasomes enhances macrophage lipid-deposition and migration: implication of a novel role of inflammasome in atherogenesis. <i>PLoS ONE</i> , 2014 , 9, e87552	3.7	73
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