

Gerd Geisslinger

List of Publications by Year in Descending Order

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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.

422 papers	17,764 citations	68 h-index	109 g-index
433 ext. papers	19,986 ext. citations	6.3 avg, IF	6.59 L-index

#	Paper	IF	Citations
422	Oxidized linoleic acid metabolites maintain mechanical and thermal hypersensitivity during sub-chronic inflammatory pain.. <i>Biochemical Pharmacology</i> , 2022 , 198, 114953	6	0
421	Drug Repurposing to Target Neuroinflammation and Sensory Neuron-Dependent Pain.. <i>Drugs</i> , 2022 , 82, 357	12.1	0
420	Formation, Signaling and Occurrence of Specialized Pro-Resolving Lipid Mediators-What is the Evidence so far?. <i>Frontiers in Pharmacology</i> , 2022 , 13, 838782	5.6	0
419	Lecanoric acid mediates anti-proliferative effects by an M phase arrest in colon cancer cells.. <i>Biomedicine and Pharmacotherapy</i> , 2022 , 148, 112734	7.5	0
418	Contribution of cyclooxygenase-1-dependent prostacyclin synthesis to bradykinin-induced dermal extravasation.. <i>Biomedicine and Pharmacotherapy</i> , 2022 , 148, 112786	7.5	0
417	The Roles of Long-Term Hyperhomocysteinemia and Micronutrient Supplementation in the Model of Alzheimer's Disease.. <i>Frontiers in Aging Neuroscience</i> , 2022 , 14, 876826	5.3	
416	Inhibitors of Human 5-Lipoxygenase Potently Interfere With Prostaglandin Transport.. <i>Frontiers in Pharmacology</i> , 2021 , 12, 782584	5.6	1
415	Differences between intrinsic and acquired nucleoside analogue resistance in acute myeloid leukaemia cells. <i>Journal of Experimental and Clinical Cancer Research</i> , 2021 , 40, 317	12.8	1
414	Increased glucosylceramide production leads to decreased cell energy metabolism and lowered tumor marker expression in non-cancerous liver cells. <i>Cellular and Molecular Life Sciences</i> , 2021 , 78, 7025-7041	10.3	0
413	Hyperhomocysteinemia: Metabolic Role and Animal Studies with a Focus on Cognitive Performance and Decline-A Review. <i>Biomolecules</i> , 2021 , 11,	5.9	2
412	The immunomodulatory potential of the arylmethylaminosteroid sc10. <i>Journal of Molecular Medicine</i> , 2021 , 99, 261-272	5.5	1
411	Identification of Inhibitors of SARS-CoV-2 3CL-Pro Enzymatic Activity Using a Small Molecule in Vitro Repurposing Screen. <i>ACS Pharmacology and Translational Science</i> , 2021 , 4, 1096-1110	5.9	31
410	Sapropterin (BH4) Aggravates Autoimmune Encephalomyelitis in Mice. <i>Neurotherapeutics</i> , 2021 , 18, 1865-1879	5.1	1
409	Prodromal sensory neuropathy in Pink1 SNCA double mutant Parkinson mice. <i>Neuropathology and Applied Neurobiology</i> , 2021 , 47, 1060-1079	5.2	1
408	AGMO Inhibitor Reduces 3T3-L1 Adipogenesis. <i>Cells</i> , 2021 , 10,	7.9	1
407	Lipidomic analysis of local inflammation models shows a specific systemic acute phase response to lipopolysaccharides. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2021 , 1866, 158822	5.2	2
406	Validation of highly selective sphingosine kinase 2 inhibitors SLM6031434 and HWG-35D as effective anti-fibrotic treatment options in a mouse model of tubulointerstitial fibrosis. <i>Cellular Signalling</i> , 2021 , 79, 109881	4.9	4

405	Autophagy activation, lipotoxicity and lysosomal membrane permeabilization synergize to promote pimozone- and loperamide-induced glioma cell death. <i>Autophagy</i> , 2021 , 17, 3424-3443	10.2	10
404	A SARS-CoV-2 cytopathicity dataset generated by high-content screening of a large drug repurposing collection. <i>Scientific Data</i> , 2021 , 8, 70	8.2	30
403	Characterization of ACE Inhibitors and ATR Antagonists with Regard to Their Effect on ACE2 Expression and Infection with SARS-CoV-2 Using a Caco-2 Cell Model. <i>Life</i> , 2021 , 11,	3	2
402	Proton-Sensing GPCRs in Health and Disease. <i>Cells</i> , 2021 , 10,	7.9	4
401	Sphingolipid and Endocannabinoid Profiles in Adult Attention Deficit Hyperactivity Disorder. <i>Biomedicines</i> , 2021 , 9,	4.8	2
400	Effects of Alzheimer-Like Pathology on Homocysteine and Homocysteic Acid Levels-An Exploratory In Vivo Kinetic Study. <i>International Journal of Molecular Sciences</i> , 2021 , 22,	6.3	3
399	Monoacylglycerol lipase deficiency in the tumor microenvironment slows tumor growth in non-small cell lung cancer. <i>Oncotmunology</i> , 2021 , 10, 1965319	7.2	1
398	Lysophospholipids Contribute to Oxaliplatin-Induced Acute Peripheral Pain. <i>Journal of Neuroscience</i> , 2020 , 40, 9519-9532	6.6	9
397	UGCG overexpression leads to increased glycolysis and increased oxidative phosphorylation of breast cancer cells. <i>Scientific Reports</i> , 2020 , 10, 8182	4.9	13
396	Natural antiviral compound silvestrol modulates human monocyte-derived macrophages and dendritic cells. <i>Journal of Cellular and Molecular Medicine</i> , 2020 , 24, 6988-6999	5.6	11
395	In-vitro safety and off-target profile of the anti-parasitic arylmethylaminosteroid 1o. <i>Scientific Reports</i> , 2020 , 10, 7534	4.9	1
394	Rab27a Contributes to the Processing of Inflammatory Pain in Mice. <i>Cells</i> , 2020 , 9,	7.9	3
393	Machine-Learned Association of Next-Generation Sequencing-Derived Variants in Thermosensitive Ion Channels Genes with Human Thermal Pain Sensitivity Phenotypes. <i>International Journal of Molecular Sciences</i> , 2020 , 21,	6.3	1
392	Influence of glycosphingolipids on cancer cell energy metabolism. <i>Progress in Lipid Research</i> , 2020 , 79, 101050	14.3	5
391	Tumors Provoke Inflammation and Perineural Microlesions at Adjacent Peripheral Nerves. <i>Cells</i> , 2020 , 9,	7.9	3
390	The omega-3 lipid 17,18-EEQ sensitizes TRPV1 and TRPA1 in sensory neurons through the prostacyclin receptor (IP). <i>Neuropharmacology</i> , 2020 , 166, 107952	5.5	4
389	Neuropathic and cAMP-induced pain behavior is ameliorated in mice lacking CNGB1. <i>Neuropharmacology</i> , 2020 , 171, 108087	5.5	2
388	A data science approach to the selection of most informative readouts of the human intradermal capsaicin pain model to assess pregabalin effects. <i>Basic and Clinical Pharmacology and Toxicology</i> , 2020 , 126, 318-331	3.1	2

387	Implementation of lipidomics in clinical routine: Can fluoride/citrate blood sampling tubes improve preanalytical stability?. <i>Talanta</i> , 2020 , 209, 120593	6.2	12
386	Unraveling the Pharmacological Potential of Lichen Extracts in the Context of Cancer and Inflammation With a Broad Screening Approach. <i>Frontiers in Pharmacology</i> , 2020 , 11, 1322	5.6	10
385	Design, Synthesis, and Structure-Activity Relationship Studies of Dual Inhibitors of Soluble Epoxide Hydrolase and 5-Lipoxygenase. <i>Journal of Medicinal Chemistry</i> , 2020 , 63, 11498-11521	8.3	7
384	Alox12/15 Deficiency Exacerbates, While Lipoxin A Ameliorates Hepatic Inflammation in Murine Alcoholic Hepatitis. <i>Frontiers in Immunology</i> , 2020 , 11, 1447	8.4	2
383	Exploring CYP2J2: lipid mediators, inhibitors and therapeutic implications. <i>Drug Discovery Today</i> , 2020 , 25, 1744-1753	8.8	6
382	High Glucosylceramides and Low Anandamide Contribute to Sensory Loss and Pain in Parkinson's Disease. <i>Movement Disorders</i> , 2020 , 35, 1822-1833	7	7
381	Ether lipid and sphingolipid expression patterns are estrogen receptor-dependently altered in breast cancer cells. <i>International Journal of Biochemistry and Cell Biology</i> , 2020 , 127, 105834	5.6	4
380	Inhibition of HDAC Enzymes Contributes to Differential Expression of Pro-Inflammatory Proteins in the TLR-4 Signaling Cascade. <i>International Journal of Molecular Sciences</i> , 2020 , 21,	6.3	9
379	12/15-Lipoxygenase choreographs the resolution of IgG-mediated skin inflammation. <i>Journal of Autoimmunity</i> , 2020 , 115, 102528	15.5	3
378	The Lipid Receptor G2A (GPR132) Mediates Macrophage Migration in Nerve Injury-Induced Neuropathic Pain. <i>Cells</i> , 2020 , 9,	7.9	3
377	Impact of Hyperhomocysteinemia and Different Dietary Interventions on Cognitive Performance in a Knock-in Mouse Model for Alzheimer's Disease. <i>Nutrients</i> , 2020 , 12,	6.7	4
376	Inhibitors of Oxidative Phosphorylation Modulate Astrocyte Inflammatory Responses through AMPK-Dependent Ptg2 mRNA Stabilization. <i>Cells</i> , 2019 , 8,	7.9	13
375	Omega-3 and -6 fatty acid plasma levels are not associated with liver cirrhosis-associated systemic inflammation. <i>PLoS ONE</i> , 2019 , 14, e0211537	3.7	6
374	Computer-Aided Selective Optimization of Side Activities of Talinolol. <i>ACS Medicinal Chemistry Letters</i> , 2019 , 10, 899-903	4.3	5
373	Novel Approaches to Persistent Pain Therapy. <i>Trends in Pharmacological Sciences</i> , 2019 , 40, 367-377	13.2	3
372	GP1B influences cellular homeostasis and cytostatic drug resistance via influencing long chain ceramide synthesis in breast cancer cells. <i>International Journal of Biochemistry and Cell Biology</i> , 2019 , 112, 95-106	5.6	10
371	Targeted lipidomics reveal derangement of ceramides in major depression and bipolar disorder. <i>Metabolism: Clinical and Experimental</i> , 2019 , 95, 65-76	12.7	37
370	Zafirlukast Is a Dual Modulator of Human Soluble Epoxide Hydrolase and Peroxisome Proliferator-Activated Receptor α . <i>Frontiers in Pharmacology</i> , 2019 , 10, 263	5.6	14

369	Role of ceramide synthase 2 in G-CSF signaling and G-CSF-R translocation into detergent-resistant membranes. <i>Scientific Reports</i> , 2019 , 9, 747	4.9	1
368	Thromboxane-Induced ECGRP Release from Peripheral Neurons Is an Essential Positive Feedback Loop in Capsaicin-Induced Neurogenic Inflammation. <i>Journal of Investigative Dermatology</i> , 2019 , 139, 656-664	4.3	4
367	Potential biomarkers for persistent and neuropathic pain therapy. <i>Pharmacology & Therapeutics</i> , 2019 , 199, 16-29	13.9	12
366	The histone demethylase Jarid1b mediates angiotensin II-induced endothelial dysfunction by controlling the 3QTR of soluble epoxide hydrolase. <i>Acta Physiologica</i> , 2019 , 225, e13168	5.6	3
365	Selective inactivation of hypomethylating agents by SAMHD1 provides a rationale for therapeutic stratification in AML. <i>Nature Communications</i> , 2019 , 10, 3475	17.4	16
364	The Lipid Status in Patients with Ulcerative Colitis: Sphingolipids are Disease-Dependent Regulated. <i>Journal of Clinical Medicine</i> , 2019 , 8,	5.1	14
363	5-Amino-1- β -D-Ribofuranosyl-Imidazole-4-Carboxamide (AICAR) Reduces Peripheral Inflammation by Macrophage Phenotype Shift. <i>International Journal of Molecular Sciences</i> , 2019 , 20,	6.3	6
362	UGCG influences glutamine metabolism of breast cancer cells. <i>Scientific Reports</i> , 2019 , 9, 15665	4.9	15
361	Pathophysiological role of prostanoids in coagulation of the portal venous system in liver cirrhosis. <i>PLoS ONE</i> , 2019 , 14, e0222840	3.7	2
360	4 Ds in health research-working together toward rapid precision medicine. <i>EMBO Molecular Medicine</i> , 2019 , 11, e10917	12	5
359	A Data Science-Based Analysis Points at Distinct Patterns of Lipid Mediator Plasma Concentrations in Patients With Dementia. <i>Frontiers in Psychiatry</i> , 2019 , 10, 41	5	5
358	Cancer-induced inflammation and inflammation-induced cancer in colon: a role for S1P lyase. <i>Oncogene</i> , 2019 , 38, 4788-4803	9.2	21
357	Pharmacological plasticity-How do you hit a moving target?. <i>Pharmacology Research and Perspectives</i> , 2019 , 7, e00532	3.1	3
356	Sphingosine-1-phosphate (S1P) induces potent anti-inflammatory effects in vitro and in vivo by S1P receptor 4-mediated suppression of 5-lipoxygenase activity. <i>FASEB Journal</i> , 2019 , 33, 1711-1726	0.9	20
355	Ceramides as Novel Disease Biomarkers. <i>Trends in Molecular Medicine</i> , 2019 , 25, 20-32	11.5	85
354	Predictive PBPK modeling as a tool in the formulation of the drug candidate TMP-001. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2019 , 134, 144-152	5.7	7
353	Cytokine-induced endogenous production of prostaglandin D is essential for human group 2 innate lymphoid cell activation. <i>Journal of Allergy and Clinical Immunology</i> , 2019 , 143, 2202-2214.e5	11.5	40
352	Mast cell tetrahydrobiopterin contributes to itch in mice. <i>Journal of Cellular and Molecular Medicine</i> , 2019 , 23, 985-1000	5.6	4

351	Inhibition of the protein kinase IKKepsilon attenuates neuropathic pain in mice. <i>Neuropharmacology</i> , 2019 , 146, 198-211	5.5	8
350	CXCL16/CXCR6-mediated adhesion of human peripheral blood mononuclear cells to inflamed endothelium. <i>Cytokine</i> , 2019 , 122, 154081	4	9
349	Pathophysiological mechanisms of neuropathic pain: comparison of sensory phenotypes in patients and human surrogate pain models. <i>Pain</i> , 2018 , 159, 1090-1102	8	47
348	Mutual inversion of flurbiprofen enantiomers in various rat and mouse strains. <i>Chirality</i> , 2018 , 30, 632-641	4.1	3
347	The oxidized linoleic acid metabolite 12,13-DiHOME mediates thermal hyperalgesia during inflammatory pain. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2018 , 1863, 669-678	5.8	37
346	Bovine embryo elongation is altered due to maternal fatty acid supplementation. <i>Biology of Reproduction</i> , 2018 , 99, 600-610	3.9	8
345	Machine-learned analysis of the association of next-generation sequencing-based human TRPV1 and TRPA1 genotypes with the sensitivity to heat stimuli and topically applied capsaicin. <i>Pain</i> , 2018 , 159, 1366-1381	8	12
344	Activation of Adenylyl Cyclase Causes Stimulation of Adenosine Receptors. <i>Cellular Physiology and Biochemistry</i> , 2018 , 45, 2516-2528	3.9	14
343	UDP-glucose ceramide glucosyltransferase activates AKT, promoted proliferation, and doxorubicin resistance in breast cancer cells. <i>Cellular and Molecular Life Sciences</i> , 2018 , 75, 3393-3410	10.3	30
342	Mitochondrial fragmentation in human macrophages attenuates palmitate-induced inflammatory responses. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2018 , 1863, 433-446	5	10
341	Quantitative sensory testing response patterns to capsaicin- and ultraviolet-B-induced local skin hypersensitization in healthy subjects: a machine-learned analysis. <i>Pain</i> , 2018 , 159, 11-24	8	8
340	Drug-Mediated Intracellular Donation of Nitric Oxide Potently Inhibits 5-Lipoxygenase: A Possible Key to Future Antileukotriene Therapy. <i>Antioxidants and Redox Signaling</i> , 2018 , 28, 1265-1285	8.4	2
339	Chemosensitivity of human colon cancer cells is influenced by a p53-dependent enhancement of ceramide synthase 5 and induction of autophagy. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2018 , 1863, 1214-1227	5	24
338	Non-invasive bioluminescence imaging as a standardized assessment measure in mouse models of dermal inflammation. <i>Journal of Dermatological Science</i> , 2018 ,	4.3	1
337	The prostaglandin E2 receptor EP3 controls CC-chemokine ligand 2-mediated neuropathic pain induced by mechanical nerve damage. <i>Journal of Biological Chemistry</i> , 2018 , 293, 9685-9695	5.4	15
336	Synaptic phospholipids as a new target for cortical hyperexcitability and E/I balance in psychiatric disorders. <i>Molecular Psychiatry</i> , 2018 , 23, 1699-1710	15.1	21
335	The UDP-glucose ceramide glycosyltransferase (UGCG) and the link to multidrug resistance protein 1 (MDR1). <i>BMC Cancer</i> , 2018 , 18, 153	4.8	29
334	Dietary phytol reduces clinical symptoms in experimental autoimmune encephalomyelitis (EAE) at least partially by modulating NOX2 expression. <i>Journal of Molecular Medicine</i> , 2018 , 96, 1131-1144	5.5	4

333	The relevance of ceramides and their synthesizing enzymes for multiple sclerosis. <i>Clinical Science</i> , 2018 , 132, 1963-1976	6.5	22
332	Boosting Anti-Inflammatory Potency of Zafirlukast by Designed Polypharmacology. <i>Journal of Medicinal Chemistry</i> , 2018 , 61, 5758-5764	8.3	23
331	Oxidized phospholipids regulate amino acid metabolism through MTHFD2 to facilitate nucleotide release in endothelial cells. <i>Nature Communications</i> , 2018 , 9, 2292	17.4	26
330	An in vitro test system for compounds that modulate human inflammatory macrophage polarization. <i>European Journal of Pharmacology</i> , 2018 , 833, 328-338	5.3	20
329	Apoptotic Cancer Cells Suppress 5-Lipoxygenase in Tumor-Associated Macrophages. <i>Journal of Immunology</i> , 2018 , 200, 857-868	5.3	24
328	Astrocytic ATX fuels synaptic phospholipid signaling involved in psychiatric disorders. <i>Molecular Psychiatry</i> , 2018 , 23, 1685-1686	15.1	0
327	Machine-learning based lipid mediator serum concentration patterns allow identification of multiple sclerosis patients with high accuracy. <i>Scientific Reports</i> , 2018 , 8, 14884	4.9	26
326	The structural basis for cancer drug interactions with the catalytic and allosteric sites of SAMHD1. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018 , 115, E10022-E10031	11.5	14
325	The G2A Receptor Controls Polarization of Macrophage by Determining Their Localization Within the Inflamed Tissue. <i>Frontiers in Immunology</i> , 2018 , 9, 2261	8.4	16
324	A Novel Function for 15-Lipoxygenases in Cholesterol Homeostasis and CCL17 Production in Human Macrophages. <i>Frontiers in Immunology</i> , 2018 , 9, 1906	8.4	14
323	Simultaneous determination of PUFA-derived pro-resolving metabolites and pathway markers using chiral chromatography and tandem mass spectrometry. <i>Analytica Chimica Acta</i> , 2018 , 1031, 185-194	6.6	12
322	Ceramide synthase 2 deficiency aggravates AOM-DSS-induced colitis in mice: role of colon barrier integrity. <i>Cellular and Molecular Life Sciences</i> , 2017 , 74, 3039-3055	10.3	27
321	Rab7-a novel redox target that modulates inflammatory pain processing. <i>Pain</i> , 2017 , 158, 1354-1365	8	6
320	The G2A receptor (GPR132) contributes to oxaliplatin-induced mechanical pain hypersensitivity. <i>Scientific Reports</i> , 2017 , 7, 446	4.9	27
319	AMPK contributes to aerobic exercise-induced antinociception downstream of endocannabinoids. <i>Neuropharmacology</i> , 2017 , 124, 134-142	5.5	9
318	GPVI and Thromboxane Receptor on Platelets Promote Proinflammatory Macrophage Phenotypes during Cutaneous Inflammation. <i>Journal of Investigative Dermatology</i> , 2017 , 137, 686-695	4.3	30
317	Drugging the pain epigenome. <i>Nature Reviews Neurology</i> , 2017 , 13, 434-447	15	47
316	THP-1 and human peripheral blood mononuclear cell-derived macrophages differ in their capacity to polarize in vitro. <i>Molecular Immunology</i> , 2017 , 88, 58-68	4.3	67

315	AMP-activated kinase and the endogenous endocannabinoid system might contribute to antinociceptive effects of prolonged moderate caloric restriction in mice. <i>Molecular Pain</i> , 2017 , 13, 1744806917703111	3.4	4
314	The leukotriene B4 receptors BLT1 and BLT2 form an antagonistic sensitizing system in peripheral sensory neurons. <i>Journal of Biological Chemistry</i> , 2017 , 292, 6123-6134	5.4	17
313	Characterization of the molecular mechanism of 5-lipoxygenase inhibition by 2-aminothiazoles. <i>Biochemical Pharmacology</i> , 2017 , 123, 52-62	6	8
312	SAMHD1 is a biomarker for cytarabine response and a therapeutic target in acute myeloid leukemia. <i>Nature Medicine</i> , 2017 , 23, 250-255	50.5	72
311	Epigenetic control of microsomal prostaglandin E synthase-1 by HDAC-mediated recruitment of p300. <i>Journal of Lipid Research</i> , 2017 , 58, 386-392	6.3	5
310	Activated Platelets Induce an Anti-Inflammatory Response of Monocytes/Macrophages through Cross-Regulation of PGE and Cytokines. <i>Mediators of Inflammation</i> , 2017 , 2017, 1463216	4.3	138
309	A Dual Modulator of Farnesoid X Receptor and Soluble Epoxide Hydrolase To Counter Nonalcoholic Steatohepatitis. <i>Journal of Medicinal Chemistry</i> , 2017 , 60, 7703-7724	8.3	51
308	CD200 selectively upregulates prostaglandin E and D synthesis in LPS-treated bone marrow-derived macrophages. <i>Prostaglandins and Other Lipid Mediators</i> , 2017 , 133, 53-59	3.7	8
307	Sphingosine Kinase-2 Deficiency Ameliorates Kidney Fibrosis by Up-Regulating Smad7 in a Mouse Model of Unilateral Ureteral Obstruction. <i>American Journal of Pathology</i> , 2017 , 187, 2413-2429	5.8	27
306	Michael acceptor containing drugs are a novel class of 5-lipoxygenase inhibitor targeting the surface cysteines C416 and C418. <i>Biochemical Pharmacology</i> , 2017 , 125, 55-74	6	13
305	Investigational drugs targeting the prostaglandin E2 signaling pathway for the treatment of inflammatory pain. <i>Expert Opinion on Investigational Drugs</i> , 2017 , 26, 51-61	5.9	28
304	Machine-Learned Data Structures of Lipid Marker Serum Concentrations in Multiple Sclerosis Patients Differ from Those in Healthy Subjects. <i>International Journal of Molecular Sciences</i> , 2017 , 18,	6.3	16
303	Targeting CYP2J to reduce paclitaxel-induced peripheral neuropathic pain. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016 , 113, 12544-12549	11.5	57
302	Induction of Experimental Autoimmune Encephalomyelitis in Mice and Evaluation of the Disease-dependent Distribution of Immune Cells in Various Tissues. <i>Journal of Visualized Experiments</i> , 2016 ,	1.6	15
301	Tetrahydrobiopterin Attenuates DSS-evoked Colitis in Mice by Rebalancing Redox and Lipid Signalling. <i>Journal of Crohn's and Colitis</i> , 2016 , 10, 965-78	1.5	21
300	The protein kinase IKKepsilon contributes to tumour growth and tumour pain in a melanoma model. <i>Biochemical Pharmacology</i> , 2016 , 103, 64-73	6	10
299	S1P2/G12/13 Signaling Negatively Regulates Macrophage Activation and Indirectly Shapes the Atheroprotective B1-Cell Population. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2016 , 36, 37-48	9.4	16
298	Drug Repurposing for the Development of Novel Analgesics. <i>Trends in Pharmacological Sciences</i> , 2016 , 37, 172-183	13.2	37

297	N-Benzylbenzamides: A Novel Merged Scaffold for Orally Available Dual Soluble Epoxide Hydrolase/Peroxisome Proliferator-Activated Receptor Modulators. <i>Journal of Medicinal Chemistry</i> , 2016 , 59, 61-81	8.3	33
296	Small molecules with anti-inflammatory properties in clinical development. <i>Pharmacology & Therapeutics</i> , 2016 , 157, 163-87	13.9	37
295	Design, Synthesis and Cellular Characterization of a Dual Inhibitor of 5-Lipoxygenase and Soluble Epoxide Hydrolase. <i>Molecules</i> , 2016 , 22,	4.8	13
294	R-Flurbiprofen Traps Prostaglandins within Cells by Inhibition of Multidrug Resistance-Associated Protein-4. <i>International Journal of Molecular Sciences</i> , 2016 , 18,	6.3	4
293	Loss of HIF-1 α in macrophages attenuates AhR/ARNT-mediated tumorigenesis in a PAH-driven tumor model. <i>Oncotarget</i> , 2016 , 7, 25915-29	3.3	9
292	High-Throughput Analysis of Global DNA Methylation Using Methyl-Sensitive Digestion. <i>PLoS ONE</i> , 2016 , 11, e0163184	3.7	7
291	Alpha-methylacyl-CoA racemase deletion has mutually counteracting effects on T-cell responses, associated with unchanged course of EAE. <i>European Journal of Immunology</i> , 2016 , 46, 570-81	6.1	7
290	PAFAH1B1 and the lncRNA NONHSAT073641 maintain an angiogenic phenotype in human endothelial cells. <i>Acta Physiologica</i> , 2016 , 218, 13-27	5.6	15
289	Pharmacoeugenetics of the role of DNA methylation in μ -opioid receptor expression in different human brain regions. <i>Epigenomics</i> , 2016 , 8, 1583-1599	4.4	12
288	Disagreement between two common biomarkers of global DNA methylation. <i>Clinical Epigenetics</i> , 2016 , 8, 60	7.7	10
287	The enigma of ceramide synthase regulation in mammalian cells. <i>Progress in Lipid Research</i> , 2016 , 63, 93-119	14.3	69
286	The impact of endurance exercise on global and AMPK gene-specific DNA methylation. <i>Biochemical and Biophysical Research Communications</i> , 2016 , 474, 284-290	3.4	36
285	Slack channels expressed in sensory neurons control neuropathic pain in mice. <i>Journal of Neuroscience</i> , 2015 , 35, 1125-35	6.6	42
284	Activation of AMPK and its Impact on Exercise Capacity. <i>Sports Medicine</i> , 2015 , 45, 1497-509	10.6	13
283	Lack of ceramide synthase 2 suppresses the development of experimental autoimmune encephalomyelitis by impairing the migratory capacity of neutrophils. <i>Brain, Behavior, and Immunity</i> , 2015 , 46, 280-92	16.6	43
282	Quantitation of endogenous nucleoside triphosphates and nucleosides in human cells by liquid chromatography tandem mass spectrometry. <i>Analytical and Bioanalytical Chemistry</i> , 2015 , 407, 3693-704	4.4	26
281	Exacerbation of experimental autoimmune encephalomyelitis in ceramide synthase 6 knockout mice is associated with enhanced activation/migration of neutrophils. <i>Immunology and Cell Biology</i> , 2015 , 93, 825-36	5	35
280	Pattern of neuropathic pain induced by topical capsaicin application in healthy subjects. <i>Pain</i> , 2015 , 156, 405-414	8	34

279	AMP-activated protein kinase suppresses arachidonate 15-lipoxygenase expression in interleukin 4-polarized human macrophages. <i>Journal of Biological Chemistry</i> , 2015 , 290, 24484-94	5.4	25
278	Antinociceptive effects of FTY720 during trauma-induced neuropathic pain are mediated by spinal S1P receptors. <i>Biological Chemistry</i> , 2015 , 396, 783-94	4.5	16
277	The H2S-producing enzyme CSE is dispensable for the processing of inflammatory and neuropathic pain. <i>Brain Research</i> , 2015 , 1624, 380-389	3.7	12
276	Telaprevir drug monitoring during antiviral therapy of hepatitis C graft infection after liver transplantation. <i>Liver International</i> , 2015 , 35, 176-83	7.9	3
275	TANK-binding kinase 1 (TBK1) modulates inflammatory hyperalgesia by regulating MAP kinases and NF- κ B dependent genes. <i>Journal of Neuroinflammation</i> , 2015 , 12, 100	10.1	23
274	MPGES-1-derived PGE2 suppresses CD80 expression on tumor-associated phagocytes to inhibit anti-tumor immune responses in breast cancer. <i>Oncotarget</i> , 2015 , 6, 10284-96	3.3	38
273	Age-Dependent Changes in the Inflammatory Nociceptive Behavior of Mice. <i>International Journal of Molecular Sciences</i> , 2015 , 16, 27508-19	6.3	5
272	AMP-activated protein kinase is activated by non-steroidal anti-inflammatory drugs. <i>European Journal of Pharmacology</i> , 2015 , 762, 299-305	5.3	9
271	Lipoxin and resolvins biosynthesis is dependent on 5-lipoxygenase activating protein. <i>FASEB Journal</i> , 2015 , 29, 5029-43	0.9	52
270	In Vivo Availability of Pro-Resolving Lipid Mediators in Oxazolone Induced Dermal Inflammation in the Mouse. <i>PLoS ONE</i> , 2015 , 10, e0143141	3.7	9
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1	Autophagy activation, lipotoxicity and lysosomal membrane permeabilization synergize to promote pimozone- and loperamide-induced glioma cell death		1