

Steffany A L Bennett

List of Publications by Year in descending order

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72
papers

3,034
citations

145106

33
h-index

190340

53
g-index

76
all docs

76
docs citations

76
times ranked

5604
citing authors

#	ARTICLE	IF	CITATIONS
1	Serine palmitoyltransferase assembles at ER-mitochondria contact sites. <i>Life Science Alliance</i> , 2022, 5, e202101278.	1.3	17
2	BATL: Bayesian annotations for targeted lipidomics. <i>Bioinformatics</i> , 2022, 38, 1593-1599.	1.8	3
3	A variant near DHCR24 associates with microstructural properties of white matter and peripheral lipid metabolism in adolescents. <i>Molecular Psychiatry</i> , 2021, 26, 3795-3805.	4.1	14
4	Identification of pannexin 1-regulated genes, interactome, and pathways in rhabdomyosarcoma and its tumor inhibitory interaction with AHNAK. <i>Oncogene</i> , 2021, 40, 1868-1883.	2.6	11
5	Metabolomics and computational analysis of the role of monoamine oxidase activity in delirium and SARS-COV-2 infection. <i>Scientific Reports</i> , 2021, 11, 10629.	1.6	20
6	Relative Ratios of Human Seasonal Coronavirus Antibodies Predict the Efficiency of Cross-Neutralization of SARS-CoV-2 Spike Binding to ACE2. <i>EBioMedicine</i> , 2021, 74, 103700.	2.7	37
7	Computational Identification of Human Biological Processes and Protein Sequence Motifs Putatively Targeted by SARS-CoV-2 Proteins Using Protein-Protein Interaction Networks. <i>Journal of Proteome Research</i> , 2020, 19, 4553-4566.	1.8	13
8	Distinct disruptions in Land's cycle remodeling of glycerophosphocholines in murine cortex mark symptomatic onset and progression in two Alzheimer's disease mouse models. <i>Journal of Neurochemistry</i> , 2019, 149, 499-517.	2.1	23
9	Growth environment and organ specific variation in in-vitro cytoprotective activities of <i>Picea mariana</i> in PC12 cells exposed to glucose toxicity: a plant used for treatment of diabetes symptoms by the Cree of Eeyou Istchee (Quebec, Canada). <i>BMC Complementary and Alternative Medicine</i> , 2019, 19, 137.	3.7	3
10	Dysregulated Lipid Metabolism and Its Role in α -Synucleinopathy in Parkinson's Disease. <i>Frontiers in Neuroscience</i> , 2019, 13, 328.	1.4	169
11	Visceral fat-related systemic inflammation and the adolescent brain: a mediating role of circulating glycerophosphocholines. <i>International Journal of Obesity</i> , 2019, 43, 1223-1230.	1.6	20
12	DMS as an orthogonal separation to LC/ESI/MS/MS for quantifying isomeric cerebrosides in plasma and cerebrospinal fluid. <i>Journal of Lipid Research</i> , 2019, 60, 200-211.	2.0	15
13	Choline transport links macrophage phospholipid metabolism and inflammation. <i>Journal of Biological Chemistry</i> , 2018, 293, 11600-11611.	1.6	78
14	Whole-transcriptome sequencing in blood provides a diagnosis of spinal muscular atrophy with progressive myoclonic epilepsy. <i>Human Mutation</i> , 2017, 38, 611-614.	1.1	25
15	Cardamonin reduces chemotherapy-enriched breast cancer stem-like cells <i>in vitro</i> and <i>in vivo</i> . <i>Oncotarget</i> , 2016, 7, 771-785.	0.8	66
16	A Signaling Lipid Associated with Alzheimer's Disease Promotes Mitochondrial Dysfunction. <i>Scientific Reports</i> , 2016, 6, 19332.	1.6	25
17	A TgCRND8 Mouse Model of Alzheimer's Disease Exhibits Sexual Dimorphisms in Behavioral Indices of Cognitive Reserve. <i>Journal of Alzheimer's Disease</i> , 2016, 51, 757-773.	1.2	30
18	Connexins and pannexins in neuronal development and adult neurogenesis. <i>BMC Cell Biology</i> , 2016, 17, 10.	3.0	47

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19	The aPKC-CBP Pathway Regulates Adult Hippocampal Neurogenesis in an Age-Dependent Manner. <i>Stem Cell Reports</i> , 2016, 7, 719-734.	2.3	12
20	Glycerophosphocholine Metabolites and Cardiovascular Disease Risk Factors in Adolescents. <i>Circulation</i> , 2016, 134, 1629-1636.	1.6	55
21	Preparation of Gap Junctions in Membrane Microdomains for Immunoprecipitation and Mass Spectrometry Interactome Analysis. <i>Methods in Molecular Biology</i> , 2016, 1437, 113-132.	0.4	1
22	Platelet activating factors are associated with depressive symptoms in coronary artery disease patients: a hypothesis-generating study. <i>Neuropsychiatric Disease and Treatment</i> , 2015, 11, 2309.	1.0	13
23	Evaluation by microarray of the potential safety of <i>Sarracenia purpurea</i> L. (Sarraceniaceae) a traditional medicine used by the Cree of Eeyou Istchee. <i>Journal of Pharmacy and Pharmaceutical Sciences</i> , 2015, 18, 562.	0.9	1
24	A Regulatory Network Involving β -Catenin, e-Cadherin, PI3k/Akt, and Slug Balances Self-Renewal and Differentiation of Human Pluripotent Stem Cells In Response to Wnt Signaling. <i>Stem Cells</i> , 2015, 33, 1419-1433.	1.4	69
25	Predicting Glycerophosphoinositol Identities in Lipidomic Datasets Using VaLID (Visualization and) Tj ETQq1 1 0.784314 rgBT /Overlo 2014, 2014, 1-8.	0.9	1
26	A Neurotoxic Glycerophosphocholine Impacts PtdIns-4, 5-Bisphosphate and TORC2 Signaling by Altering Ceramide Biosynthesis in Yeast. <i>PLoS Genetics</i> , 2014, 10, e1004010.	1.5	4
27	Investigating Wild Berries as a Dietary Approach to Reducing the Formation of Advanced Glycation Endproducts: Chemical Correlates of In Vitro Antiglycation Activity. <i>Plant Foods for Human Nutrition</i> , 2014, 69, 71-77.	1.4	73
28	The Liver Connexin32 Interactome Is a Novel Plasma Membrane-Mitochondrial Signaling Nexus. <i>Journal of Proteome Research</i> , 2013, 12, 2597-2610.	1.8	45
29	Targeted lipidomics " advances in profiling lysophosphocholine and platelet-activating factor second messengers. <i>FEBS Journal</i> , 2013, 280, 5652-5667.	2.2	38
30	In vitro inhibition of metabolism but not transport of gliclazide and repaglinide by Cree medicinal plant extracts. <i>Journal of Ethnopharmacology</i> , 2013, 150, 1087-1095.	2.0	9
31	Platelet activating factors in depression and coronary artery disease: A potential biomarker related to inflammatory mechanisms and neurodegeneration. <i>Neuroscience and Biobehavioral Reviews</i> , 2013, 37, 1611-1621.	2.9	40
32	15-Deoxy- $\Delta^12,14$ -prostaglandin J2 (15- Δ -PGJ ₂) protects neurons from oxidative death via an Nrf2 astrocyte-specific mechanism independent of PPAR γ . <i>Journal of Neurochemistry</i> , 2013, 124, 536-547.	2.1	33
33	Phosphoproteome analysis of an early onset mouse model (TgCRND8) of Alzheimer's disease reveals temporal changes in neuronal and glia signaling pathways. <i>Proteomics</i> , 2013, 13, 1292-1305.	1.3	17
34	Using neurolipidomics to identify phospholipid mediators of synaptic (dys)function in Alzheimer's Disease. <i>Frontiers in Physiology</i> , 2013, 4, 168.	1.3	60
35	Visualization and Phospholipid Identification (VaLID): online integrated search engine capable of identifying and visualizing glycerophospholipids with given mass. <i>Bioinformatics</i> , 2013, 29, 284-285.	1.8	12
36	Role of E-cadherin and other cell adhesion molecules in survival and differentiation of human pluripotent stem cells. <i>Cell Adhesion and Migration</i> , 2012, 6, 59-73.	1.1	169

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37	The opiate analgesic buprenorphine decreases proliferation of adult hippocampal neuroblasts and increases survival of their progeny. <i>Neuroscience</i> , 2012, 200, 211-222.	1.1	17
38	Inhibition of Advanced Glycation End Product Formation by Medicinal Plant Extracts Correlates with Phenolic Metabolites and Antioxidant Activity. <i>Planta Medica</i> , 2011, 77, 196-204.	0.7	82
39	Lysoform fragment ions facilitate the determination of stereospecificity of diacyl glycerophospholipids. <i>Rapid Communications in Mass Spectrometry</i> , 2011, 25, 205-217.	0.7	31
40	Expression and detrimental role of hematopoietic prostaglandin D synthase in spinal cord contusion injury. <i>Glia</i> , 2011, 59, 603-614.	2.5	23
41	Srf1 Is a Novel Regulator of Phospholipase D Activity and Is Essential to Buffer the Toxic Effects of C16:0 Platelet Activating Factor. <i>PLoS Genetics</i> , 2011, 7, e1001299.	1.5	12
42	Inhibitory effect of the cree traditional medicine wiishichimanaanh (<i>Vaccinium vitis-idaea</i>) on advanced glycation endproduct formation: identification of active principles. <i>Phytotherapy Research</i> , 2010, 24, 741-747.	2.8	40
43	Lipidomics era: Accomplishments and challenges. <i>Mass Spectrometry Reviews</i> , 2010, 29, 877-929.	2.8	161
44	Pannexin 2 Is Expressed by Postnatal Hippocampal Neural Progenitors and Modulates Neuronal Commitment. <i>Journal of Biological Chemistry</i> , 2010, 285, 24977-24986.	1.6	88
45	Tissue-Specific Cross-Reactivity of Connexin32 Antibodies: Problems and Solutions Unique to the Central Nervous System. <i>Cell Communication and Adhesion</i> , 2010, 16, 117-130.	1.0	6
46	Amyloid- β_{42} signals tau hyperphosphorylation and compromises neuronal viability by disrupting alkylacylglycerophosphocholine metabolism. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009, 106, 20936-20941.	3.3	64
47	The extracellular matrix controls gap junction protein expression and function in postnatal hippocampal neural progenitor cells. <i>BMC Neuroscience</i> , 2009, 10, 13.	0.8	50
48	Evaluation of the antidiabetic potential of selected medicinal plant extracts from the Canadian boreal forest used to treat symptoms of diabetes: part II. <i>Canadian Journal of Physiology and Pharmacology</i> , 2009, 87, 479-492.	0.7	74
49	Identification of lysophosphatidylcholine (LPC) and platelet activating factor (PAF) from PC12 cells and mouse cortex using liquid chromatography/multistage mass spectrometry (LC/MS ³). <i>Rapid Communications in Mass Spectrometry</i> , 2008, 22, 3579-3587.	0.7	14
50	Heterogeneity in the sn-1 carbon chain of platelet-activating factor glycerophospholipids determines pro- or anti-apoptotic signaling in primary neurons. <i>Journal of Lipid Research</i> , 2008, 49, 2250-2258.	2.0	28
51	Technological developments in lipidomics. <i>Briefings in Functional Genomics & Proteomics</i> , 2008, 7, 395-409.	3.8	37
52	Plant phenolics regulate neoplastic cell growth and survival: a quantitative structure-activity and biochemical analysis This article is one of a selection of papers published in this special issue (part 2 of) Tj ETQq0 0 0 rgBT /Overlock 10 T <i>Pharmacology</i> , 2007, 85, 1124-1138.	0.7	46
53	Identification and Quantitation of Changes in the Platelet Activating Factor Family of Glycerophospholipids over the Course of Neuronal Differentiation by High-Performance Liquid Chromatography Electrospray Ionization Tandem Mass Spectrometry. <i>Analytical Chemistry</i> , 2007, 79, 8539-8548.	3.2	26
54	Platelet activating factor-induced neuronal apoptosis is initiated independently of its G-protein coupled PAF receptor and is inhibited by the benzoate orsellinic acid. <i>Journal of Neurochemistry</i> , 2007, 103, 070630082917002-???	2.1	36

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55	HIV protease inhibitors modulate apoptosis signaling in vitro and in vivo. Apoptosis: an International Journal on Programmed Cell Death, 2007, 12, 969-977.	2.2	37
56	Selected plant species from the Cree pharmacopoeia of northern Quebec possess anti-diabetic potential. Canadian Journal of Physiology and Pharmacology, 2006, 84, 847-858.	0.7	97
57	Apoptosis-Inducing Factor Is a Key Factor in Neuronal Cell Death Propagated by BAX-Dependent and BAX-Independent Mechanisms. Journal of Neuroscience, 2005, 25, 1324-1334.	1.7	176
58	Inhibition of adenine nucleotide translocator pore function and protection against apoptosis in vivo by an HIV protease inhibitor. Journal of Clinical Investigation, 2005, 115, 1828-1838.	3.9	84
59	Anti-apoptotic Actions of the Platelet-activating Factor Acetylhydrolase I $\hat{I}\pm 2$ Catalytic Subunit. Journal of Biological Chemistry, 2004, 279, 52425-52436.	1.6	40
60	Analysis of Protein Expression in Brain Tissue by ELISA. , 2003, 79, 283-296.		1
61	Primary Culture of Adult Neural Progenitors. , 2003, 79, 397-404.		1
62	Differential connexin expression, gap junction intercellular coupling, and hemichannel formation in NT2/D1 human neural progenitors and terminally differentiated hNT neurons. Journal of Neuroscience Research, 2003, 72, 393-404.	1.3	29
63	Oligodendrocyte Progenitor Enrichment in the Connexin32 Null-Mutant Mouse. Journal of Neuroscience, 2003, 23, 1759-1768.	1.7	34
64	Platelet activating factor-induced apoptosis is inhibited by ectopic expression of the platelet activating factor G-protein coupled receptor. Journal of Neurochemistry, 2002, 82, 1502-1511.	2.1	28
65	Chronic cerebral hypoperfusion: loss of pupillary reflex, visual impairment and retinal neurodegeneration. Brain Research, 2000, 859, 96-103.	1.1	59
66	Long-term changes in connexin32 gap junction protein and mRNA expression following cocaine self-administration in rats. European Journal of Neuroscience, 1999, 11, 3329-3338.	1.2	26
67	Platelet activating factor receptor expression is associated with neuronal apoptosis in an in vivo model of excitotoxicity. Cell Death and Differentiation, 1998, 5, 867-875.	5.0	40
68	Clusterin Biogenesis Is Altered during Apoptosis in the Regressing Rat Ventral Prostate. Journal of Biological Chemistry, 1998, 273, 27887-27895.	1.6	105
69	Chronic cerebral hypoperfusion elicits neuronal apoptosis and behavioral impairment. NeuroReport, 1998, 9, 161-166.	0.6	116
70	Receptor-mediated and protein kinase-dependent growth enhancement of primary human fibroblasts by platelet activating factor. Molecular Carcinogenesis, 1997, 20, 366-375.	1.3	13
71	Effects of androgen deprivation on prostate alpha1-adrenergic receptors. Urology, 1996, 48, 335-341.	0.5	17
72	Immunoselection of GRP94/endoplasmic reticulum chaperone library using antibodies directed against a putative heparanase amino-terminal peptide. International Journal of Cancer, 1994, 56, 286-294.	2.3	26