

Laura Bindila

List of Publications by Year in descending order

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Version: 2024-02-01

65
papers

2,175
citations

186265

28
h-index

254184

43
g-index

66
all docs

66
docs citations

66
times ranked

2785
citing authors

#	ARTICLE	IF	CITATIONS
1	Behavioral Studies of p62 KO Animals with Implications of a Modulated Function of the Endocannabinoid System. <i>Cells</i> , 2022, 11, 1517.	4.1	0
2	Salivary endocannabinoids as mediators in the relationship between omega-6 and omega-3 fatty acid ratio intake from highly-processed foods and anthropometric markers of health in women. <i>International Journal of Food Sciences and Nutrition</i> , 2020, 71, 235-241.	2.8	1
3	The novel seizure quality index for the antidepressant outcome prediction in electroconvulsive therapy: association with biomarkers in the cerebrospinal fluid. <i>European Archives of Psychiatry and Clinical Neuroscience</i> , 2020, 270, 911-919.	3.2	12
4	Altered brain levels of arachidonic acid-derived inflammatory eicosanoids in a rodent model of anorexia nervosa. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2020, 1865, 158578.	2.4	8
5	Lipid metabolism adaptations are reduced in human compared to murine Schwann cells following injury. <i>Nature Communications</i> , 2020, 11, 2123.	12.8	18
6	Cerebrospinal fluid endocannabinoid levels in Gilles de la Tourette syndrome. <i>Neuropsychopharmacology</i> , 2020, 45, 1323-1329.	5.4	41
7	Biomarkers for Antidepressant Efficacy of Electroconvulsive Therapy: An Exploratory Cerebrospinal Fluid Study. <i>Neuropsychobiology</i> , 2019, 77, 13-22.	1.9	20
8	Broad Lipidomic and Transcriptional Changes of Prophylactic PEA Administration in Adult Mice. <i>Frontiers in Neuroscience</i> , 2019, 13, 527.	2.8	16
9	Myocardial maladaptation to pressure overload in CB2 receptor-deficient mice. <i>Journal of Molecular and Cellular Cardiology</i> , 2019, 133, 86-98.	1.9	16
10	Endocannabinoid 2-arachidonoylglycerol is elevated in the coronary circulation during acute coronary syndrome. <i>PLoS ONE</i> , 2019, 14, e0227142.	2.5	7
11	Impaired anandamide/palmitoylethanolamide signaling in hippocampal glutamatergic neurons alters synaptic plasticity, learning, and emotional responses. <i>Neuropsychopharmacology</i> , 2019, 44, 1377-1388.	5.4	39
12	Age-related regulation of bone formation by the sympathetic cannabinoid CB1 receptor. <i>Bone</i> , 2018, 108, 34-42.	2.9	20
13	Prophylactic Palmitoylethanolamide Prolongs Survival and Decreases Detrimental Inflammation in Aged Mice With Bacterial Meningitis. <i>Frontiers in Immunology</i> , 2018, 9, 2671.	4.8	15
14	Antiepileptogenic Effect of Subchronic Palmitoylethanolamide Treatment in a Mouse Model of Acute Epilepsy. <i>Frontiers in Molecular Neuroscience</i> , 2018, 11, 67.	2.9	28
15	Electroconvulsive therapy enhances endocannabinoids in the cerebrospinal fluid of patients with major depression: a preliminary prospective study. <i>European Archives of Psychiatry and Clinical Neuroscience</i> , 2017, 267, 781-786.	3.2	31
16	Targeting brain and peripheral plasticity of the lipidome in acute kainic acid-induced epileptic seizures in mice via quantitative mass spectrometry. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2017, 1862, 255-267.	2.4	39
17	Masturbation to Orgasm Stimulates the Release of the Endocannabinoid 2-Arachidonoylglycerol in Humans. <i>Journal of Sexual Medicine</i> , 2017, 14, 1372-1379.	0.6	19
18	Developmental programming of somatic growth, behavior and endocannabinoid metabolism by variation of early postnatal nutrition in a cross-fostering mouse model. <i>PLoS ONE</i> , 2017, 12, e0182754.	2.5	5

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19	Adipocyte cannabinoid receptor CB1 regulates energy homeostasis and alternatively activated macrophages. <i>Journal of Clinical Investigation</i> , 2017, 127, 4148-4162.	8.2	128
20	A moderate diet restriction during pregnancy alters the levels of endocannabinoids and endocannabinoid-related lipids in the hypothalamus, hippocampus and olfactory bulb of rat offspring in a sex-specific manner. <i>PLoS ONE</i> , 2017, 12, e0174307.	2.5	15
21	Exposure to a Highly Caloric Palatable Diet During Pregestational and Gestational Periods Affects Hypothalamic and Hippocampal Endocannabinoid Levels at Birth and Induces Adiposity and Anxiety-Like Behaviors in Male Rat Offspring. <i>Frontiers in Behavioral Neuroscience</i> , 2016, 9, 339.	2.0	25
22	Adverse Social Experiences in Adolescent Rats Result in Enduring Effects on Social Competence, Pain Sensitivity and Endocannabinoid Signaling. <i>Frontiers in Behavioral Neuroscience</i> , 2016, 10, 203.	2.0	60
23	Maternal Caloric Restriction Implemented during the Preconceptional and Pregnancy Period Alters Hypothalamic and Hippocampal Endocannabinoid Levels at Birth and Induces Overweight and Increased Adiposity at Adulthood in Male Rat Offspring. <i>Frontiers in Behavioral Neuroscience</i> , 2016, 10, 208.	2.0	22
24	Myeloid-Specific Deletion of Diacylglycerol Lipase $\hat{1}$ Inhibits Atherogenesis in ApoE-Deficient Mice. <i>PLoS ONE</i> , 2016, 11, e0146267.	2.5	16
25	Extraction and Simultaneous Quantification of Endocannabinoids and Endocannabinoid-Like Lipids in Biological Tissues. <i>Methods in Molecular Biology</i> , 2016, 1412, 9-18.	0.9	32
26	Restricted vs. unrestricted wheel running in mice: Effects on brain, behavior and endocannabinoids. <i>Hormones and Behavior</i> , 2016, 86, 45-54.	2.1	13
27	Peripheral and central CB1 cannabinoid receptors control stress-induced impairment of memory consolidation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 9904-9909.	7.1	63
28	Anxiety, Stress, and Fear Response in Mice With Reduced Endocannabinoid Levels. <i>Biological Psychiatry</i> , 2016, 79, 858-868.	1.3	142
29	Lack of hippocampal CB1 receptor desensitization by $\hat{1}$ -tetrahydrocannabinol in aged mice and by low doses of JZL 184. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , 2016, 389, 603-612.	3.0	17
30	Impaired 2-AG Signaling in Hippocampal Glutamatergic Neurons: Aggravation of Anxiety-Like Behavior and Unaltered Seizure Susceptibility. <i>International Journal of Neuropsychopharmacology</i> , 2016, 19, pyv091.	2.1	33
31	Pharmacological blockade of the fatty acid amide hydrolase (FAAH) alters neural proliferation, apoptosis and gliosis in the rat hippocampus, hypothalamus and striatum in a negative energy context. <i>Frontiers in Cellular Neuroscience</i> , 2015, 9, 98.	3.7	43
32	Pharmacological activation of CB2 receptors counteracts the deleterious effect of ethanol on cell proliferation in the main neurogenic zones of the adult rat brain. <i>Frontiers in Cellular Neuroscience</i> , 2015, 9, 379.	3.7	21
33	Activation of Endocannabinoid System Is Associated with Persistent Inflammation in Human Aortic Aneurysm. <i>BioMed Research International</i> , 2015, 2015, 1-13.	1.9	8
34	Endocannabinoid Levels in Newborns in Relation to the Mode of Delivery. <i>American Journal of Perinatology</i> , 2015, 32, 1145-1150.	1.4	2
35	Quantitative profiling of endocannabinoids in lipoproteins by LC-MS/MS. <i>Analytical and Bioanalytical Chemistry</i> , 2015, 407, 5125-5131.	3.7	21
36	A runner's high depends on cannabinoid receptors in mice. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 13105-13108.	7.1	153

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37	Impaired border zone formation and adverse remodeling after reperfused myocardial infarction in cannabinoid CB2 receptor deficient mice. <i>Life Sciences</i> , 2015, 138, 8-17.	4.3	24
38	Age-related changes in the endocannabinoid system in the mouse hippocampus. <i>Mechanisms of Ageing and Development</i> , 2015, 150, 55-64.	4.6	68
39	Therapeutic Potential of Inhibitors of Endocannabinoid Degradation for the Treatment of Stress-Related Hyperalgesia in an Animal Model of Chronic Pain. <i>Neuropsychopharmacology</i> , 2015, 40, 488-501.	5.4	116
40	O-2050 facilitates noradrenaline release and increases the CB1 receptor inverse agonistic effect of rimonabant in the guinea pig hippocampus. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , 2014, 387, 621-628.	3.0	5
41	Endocannabinoid anandamide mediates hypoxic pulmonary vasoconstriction. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 18710-18715.	7.1	50
42	The structural basis of blood group A-related glycolipids in an A3 red cell phenotype and a potential explanation to a serological phenomenon. <i>Glycobiology</i> , 2011, 21, 162-174.	2.5	13
43	Software utilities for the interpretation of mass spectrometric data of glycoconjugates: application to glycosphingolipids of human serum. <i>Rapid Communications in Mass Spectrometry</i> , 2010, 24, 1039-1048.	1.5	8
44	Separation and identification of GM1b pathway Neu5Ac- and Neu5Gc gangliosides by on-line nanoHPLC-QToF MS and tandem MS: toward glycolipidomics screening of animal cell lines. <i>Glycobiology</i> , 2010, 20, 118-126.	2.5	18
45	On-line nano-HPLC/ESI QTOF MS monitoring of β 3 and β 6 sialylation in granulocyte glycosphingolipidome. <i>Biological Chemistry</i> , 2009, 390, 657-72.	2.5	32
46	Chip-mass spectrometry for glycomic studies. <i>Mass Spectrometry Reviews</i> , 2009, 28, 223-253.	5.4	41
47	Nano-LC and HPLC-chip-ESI-MS: an emerging technique for glycobioanalysis. <i>Bioanalysis</i> , 2009, 1, 1307-1327.	1.5	23
48	Automated normal phase nano high performance liquid chromatography/matrix assisted laser desorption/ionization mass spectrometry for analysis of neutral and acidic glycosphingolipids. <i>Analytical and Bioanalytical Chemistry</i> , 2008, 391, 289-297.	3.7	22
49	A sialylation study of mouse brain gangliosides by MALDI τ TOF and ω τ TOF mass spectrometry. <i>Journal of Mass Spectrometry</i> , 2008, 43, 716-725.	1.6	32
50	Determination of dithiothreitol in complex protein mixtures by HPLC-MS. <i>Journal of Separation Science</i> , 2008, 31, 3489-3496.	2.5	13
51	On-Line Nano-HPLC/ESI QTOF MS and Tandem MS for Separation, Detection, and Structural Elucidation of Human Erythrocytes Neutral Glycosphingolipid Mixture. <i>Analytical Chemistry</i> , 2008, 80, 4711-4722.	6.5	35
52	Human gliosarcoma-associated ganglioside composition is complex and distinctive as evidenced by high-performance mass spectrometric determination and structural characterization. <i>Glycobiology</i> , 2007, 17, 504-515.	2.5	71
53	Sequencing of O-Glycopeptides Derived from an S-Layer Glycoprotein of <i>Geobacillus stearothermophilus</i> NRS 2004/3a Containing up to 51 Monosaccharide Residues at a Single Glycosylation Site by Fourier Transform Ion Cyclotron Resonance Infrared Multiphoton Dissociation Mass Spectrometry. <i>Analytical Chemistry</i> , 2007, 79, 3271-3279.	6.5	20
54	Structural characterization of PEGylated rHuG-CSF and location of PEG attachment sites. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2007, 44, 388-395.	2.8	37

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55	Mass Spectrometry-Based Glycoproteomic Approach Involving Lysine Derivatization for Structural Characterization of Recombinant Human Erythropoietin. <i>Journal of Proteome Research</i> , 2006, 5, 3066-3076.	3.7	14
56	Accelerated on-column lysine derivatization and cysteine methylation by imidazole reaction in a deuterated environment for enhanced product ion analysis. <i>Rapid Communications in Mass Spectrometry</i> , 2006, 20, 694-702.	1.5	25
57	Screening and sequencing of complex sialylated and sulfated glycosphingolipid mixtures by negative ion electrospray Fourier transform ion cyclotron resonance mass spectrometry. <i>Journal of the American Society for Mass Spectrometry</i> , 2005, 16, 571-580.	2.8	56
58	Sheathless reverse-polarity capillary electrophoresis-electrospray-mass spectrometry for analysis of underivatized glycoconjugates. <i>Electrophoresis</i> , 2005, 26, 1488-1499.	2.4	32
59	Chip electrospray mass spectrometry for carbohydrate analysis. <i>Electrophoresis</i> , 2005, 26, 3650-3673.	2.4	56
60	Thin chip microsyrayer system coupled to quadrupole time-of-flight mass spectrometer for glycoconjugate analysis. <i>Lab on A Chip</i> , 2005, 5, 298.	6.0	39
61	A thin chip microsyrayer system coupled to Fourier transform ion cyclotron resonance mass spectrometry for glycopeptide screening. <i>Rapid Communications in Mass Spectrometry</i> , 2004, 18, 2913-2920.	1.5	32
62	Off-line capillary electrophoresis/fully automated nanoelectrospray chip quadrupole time-of-flight mass spectrometry and tandem mass spectrometry for glycoconjugate analysis. <i>Journal of Mass Spectrometry</i> , 2004, 39, 1190-1201.	1.6	32
63	Fully-automated chip-based nanoelectrospray tandem mass spectrometry of gangliosides from human cerebellum. <i>Journal of the American Society for Mass Spectrometry</i> , 2004, 15, 1649-1657.	2.8	74
64	Sialylation analysis of O-glycosylated sialylated peptides from urine of patients suffering from Schindler's disease by Fourier transform ion cyclotron resonance mass spectrometry and sustained off-resonance irradiation collision-induced dissociation. <i>Rapid Communications in Mass Spectrometry</i> , 2003, 17, 2822-2832.	1.5	31
65	Characterization of peptides by capillary zone electrophoresis and electrospray ionization quadrupole time-of-flight tandem mass spectrometry. <i>Journal of Separation Science</i> , 2002, 25, 1101-1111.	2.5	7