Britta J Eickholt

List of Publications by Year
in descending order

59	2,800	201674	182427
papers	citations	27 h-index	51 g-index

67	67	67	4336
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Adiponectin, leptin and resistin levels in first-episode, drug-naÃ¯ve patients with psychosis before and after short-term antipsychotic treatment. Journal of Psychosomatic Research, 2022, 157, 110789.	2.6	3
2	The impact of phosphorylated PTEN at threonine 366 on cortical connectivity and behaviour. Brain, 2022, 145, 3608-3621.	7.6	4
3	GSK3Î² and mTORC1 Represent 2 Distinct Signaling Markers in Peripheral Blood Mononuclear Cells of Drug-Naive, First Episode of Psychosis Patients. Schizophrenia Bulletin, 2022, 48, 1136-1144.	4.3	0
4	Drebrin controls scar formation and astrocyte reactivity upon traumatic brain injury by regulating membrane trafficking. Nature Communications, 2021, 12, 1490.	12.8	25
5	Synthesis, characterization and pharmacological evaluation of quinoline derivatives and their complexes with copper(Î™Î™) in in vitro cell models of Alzheimer's disease. Journal of Inorganic Biochemistry, 2021, 217, 111393.	3.5	13
6	The actin binding protein drebrin helps to protect against the development of seizure-like events in the entorhinal cortex. Scientific Reports, 2021, 11, 8662.	3.3	3
7	Precursor types predict the stability of neuronal branches. Journal of Cell Science, 2021, 134, .	2.0	3
8	Harnessing PTENâ€™s Growth Potential in Neuronal Development and Disease. Neuroscience Insights, 2020, 15, 263310552095905.	1.6	3
9	Secretory Phospholipase A2-IIA Protein and mRNA Pools in Extracellular Vesicles of Bronchoalveolar Lavage Fluid from Patients with Early Acute Respiratory Distress Syndrome: A New Perception in the Dissemination of Inflammation?. Pharmaceuticals, 2020, 13, 415.	3.8	19
10	Effect of exercise on key pharmacokinetic parameters related to metformin absorption in healthy humans: A pilot study. Scandinavian Journal of Medicine and Science in Sports, 2020, 30, 858-864.	2.9	4
11	<scp>PI</scp> 3â€kinase delta enhances axonal <scp>PIP</scp> ₃ to support axon regeneration in the adult <scp>CNS</scp>. EMBO Molecular Medicine, 2020, 12, e11674.	6.9	31
12	The Axonal Membrane Protein PRG2 Inhibits PTEN and Directs Growth to Branches. Cell Reports, 2019, 29, 2028-2040.e8.	6.4	25
13	PTEN in Autism and Neurodevelopmental Disorders. Cold Spring Harbor Perspectives in Medicine, 2019, 9, a036780.	6.2	59
14	Optically Induced Calcium-Dependent Gene Activation and Labeling of Active Neurons Using CaMPARI and Cal-Light. Frontiers in Synaptic Neuroscience, 2019, 11, 16.	2.5	21
15	ATM phosphorylation of the actin-binding protein drebrin controls oxidation stress-resistance in mammalian neurons and C. elegans. Nature Communications, 2019, 10, 486.	12.8	25
16	Unique properties of PTEN-L contribute to neuroprotection in response to ischemic-like stress. Scientific Reports, 2019, 9, 3183.	3.3	11
17	Importin Î±5 Regulates Anxiety through MeCP2 and Sphingosine Kinase 1. Cell Reports, 2018, 25, 3169-3179.e7.	6.4	25
18	Improved methods for marking active neuron populations. Nature Communications, 2018, 9, 4440.	12.8	110

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19	Important Shapeshifter: Mechanisms Allowing Astrocytes to Respond to the Changing Nervous System During Development, Injury and Disease. Frontiers in Cellular Neuroscience, 2018, 12, 261.	3.7	149
20	Investigation of hippocampal synaptic transmission and plasticity in mice deficient in the actin-binding protein Drebrin. Scientific Reports, 2017, 7, 42652.	3.3	13
21	RIM-binding protein 2 regulates release probability by fine-tuning calcium channel localization at murine hippocampal synapses. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, 11615-11620.	7.1	86
22	Capillary Isoelectric Focusing of Akt Isoforms Identifies Highly Dynamic Phosphorylation in Neuronal Cells and Brain Tissue. Journal of Biological Chemistry, 2016, 291, 10239-10251.	3.4	23
23	The intermediate filament protein vimentin is essential for axonotrophic effects of Clostridium botulinum C3 exoenzyme. Journal of Neurochemistry, 2016, 139, 234-244.	3.9	14
24	Drebrin Regulates Neuroblast Migration in the Postnatal Mammalian Brain. PLoS ONE, 2015, 10, e0126478.	2.5	31
25	Short Lives with Long-Lasting Effects: Filopodia Protrusions in Neuronal Branching Morphogenesis. PLoS Biology, 2015, 13, e1002241.	5.6	7
26	Engineering FKBP-Based Destabilizing Domains to Build Sophisticated Protein Regulation Systems. PLoS ONE, 2015, 10, e0145783.	2.5	9
27	Functionally distinct groups of inherited PTEN mutations in autism and tumour syndromes. Journal of Medical Genetics, 2015, 52, 128-134.	3.2	99
28	Effects of metformin on fertilisation of bovine oocytes and early embryo development: possible involvement of AMPK3-mediated TSC2 activation. Zygote, 2015, 23, 58-67.	1.1	9
29	Mutations in PTRH2 cause novel infantileâ€onset multisystem disease with intellectual disability, microcephaly, progressive ataxia, and muscle weakness. Annals of Clinical and Translational Neurology, 2014, 1, 1024-1035.	3.7	29
30	A Unified Nomenclature and Amino Acid Numbering for Human PTEN. Science Signaling, 2014, 7, pe15.	3.6	50
31	Ubiquitin E3 ligase Nedd4-1 acts as a downstream target of PI3K/PTEN-mTORC1 signaling to promote neurite growth. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 13205-13210.	7.1	110
32	Subcellular targeting and dynamic regulation of PTEN: implications for neuronal cells and neurological disorders. Frontiers in Molecular Neuroscience, 2014, 7, 23.	2.9	72
33	Genome-Wide Analysis of the Phosphoinositide Kinome from Two Ciliates Reveals Novel Evolutionary Links for Phosphoinositide Kinases in Eukaryotic Cells. PLoS ONE, 2013, 8, e78848.	2.5	10
34	Phosphorylation of the Actin Binding Protein Drebrin at S647 Is Regulated by Neuronal Activity and PTEN. PLoS ONE, 2013, 8, e71957.	2.5	33
35	Neuronal activity drives matching of pre- and postsynaptic function during synapse maturation. Nature Neuroscience, 2011, 14, 688-690.	14.8	36
36	Robo1 Regulates Semaphorin Signaling to Guide the Migration of Cortical Interneurons through the Ventral Forebrain. Journal of Neuroscience, 2011, 31, 6174-6187.	3.6	92

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37	Emerging roles of phosphoinositide-specific phospholipases C in the ciliatesTetrahymenaandParamecium. Communicative and Integrative Biology, 2011, 4, 576-578.	1.4	7
38	New WAVEs in neuronal PI3K signalling. EMBO Journal, 2011, 30, 4693-4695.	7.8	2
39	Emerging roles of phosphoinositide-specific phospholipases C in the ciliates Tetrahymena and Paramecium. Communicative and Integrative Biology, 2011, 4, 576-8.	1.4	2
40	Regulation of PTEN in neurons by myosin-based transport mechanisms. Advances in Enzyme Regulation, 2010, 50, 119-124.	2.6	5
41	The Neurodevelopmental Implications of PI3K Signaling. Current Topics in Microbiology and Immunology, 2010, 346, 245-265.	1.1	55
42	Semaphorin signalling. Current Biology, 2009, 19, R504-R507.	3.9	21
43	MyosinV controls PTEN function and neuronal cell size. Nature Cell Biology, 2009, 11, 1191-1196.	10.3	82
44	Regulation of PI3K signalling by the phosphatidylinositol transfer protein PITPÎ± during axonal extension in hippocampal neurons. Journal of Cell Science, 2008, 121, 796-803.	2.0	49
45	Function of PTEN during the Formation and Maintenance of Neuronal Circuits in the Brain. Developmental Neuroscience, 2008, 30, 59-64.	2.0	62
46	Intracellular Kinases in Semaphorin Signaling. Advances in Experimental Medicine and Biology, 2007, 600, 24-37.	1.6	19
47	Control of Axonal Growth and Regeneration of Sensory Neurons by the p110Î´ PI 3-Kinase. PLoS ONE, 2007, 2, e869.	2.5	106
48	PTEN couples Sema3A signalling to growth cone collapse. Journal of Cell Science, 2006, 119, 951-957.	2.0	124
49	Distinct Priming Kinases Contribute to Differential Regulation of Collapsin Response Mediator Proteins by Glycogen Synthase Kinase-3 in Vivo. Journal of Biological Chemistry, 2006, 281, 16591-16598.	3.4	198
50	A complementary peptide approach applied to the design of novel semaphorin/neuropilin antagonists. Journal of Neurochemistry, 2005, 92, 1180-1190.	3.9	29
51	Semaphorin/neuropilin signaling influences the positioning of migratory neural crest cells within the hindbrain region of the chick. Developmental Dynamics, 2005, 232, 939-949.	1.8	96
52	Mood stabilizers and the cell biology of neuronal growth cones. Clinical Neuroscience Research, 2004, 4, 189-199.	0.8	4
53	Functional knockdown of neuropilin-1 in the developing chick nervous system by siRNA hairpins phenocopies genetic ablation in the mouse. Developmental Dynamics, 2004, 230, 299-308.	1.8	47
54	Competing autocrine pathways involving alternative neuropilin-1 ligands regulate chemotaxis of carcinoma cells. Cancer Research, 2003, 63, 5230-3.	0.9	167

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55	An inactive pool of GSK-3 at the leading edge of growth cones is implicated in Semaphorin 3A signaling. Journal of Cell Biology, 2002, 157, 211-217.	5.2	226
56	Essential Role of Type Iî± Phosphatidylinositol 4-Phosphate 5-Kinase in Neurite Remodeling. Current Biology, 2002, 12, 241-245.	3.9	68
57	Rhombomere Interactions Control the Segmental Differentiation of Hindbrain Neurons. Molecular and Cellular Neurosciences, 2001, 18, 141-148.	2.2	12
58	Sema3A-induced growth-cone collapse is mediated by Rac1 amino acids 17â€“32. Current Biology, 1999, 9, 991-998.	3.9	123
59	Structural Features of Collapsin Required for Biological Activity and Distribution of Binding Sites in the Developing Chick. Molecular and Cellular Neurosciences, 1997, 9, 358-371.	2.2	28