

Kristen R Maynard

List of Publications by Year in descending order

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Version: 2024-02-01

23
papers

1,313
citations

567281

15
h-index

580821

25
g-index

33
all docs

33
docs citations

33
times ranked

1455
citing authors

#	ARTICLE	IF	CITATIONS
1	Transcriptome-scale spatial gene expression in the human dorsolateral prefrontal cortex. <i>Nature Neuroscience</i> , 2021, 24, 425-436.	14.8	418
2	Functional Role of BDNF Production from Unique Promoters in Aggression and Serotonin Signaling. <i>Neuropsychopharmacology</i> , 2016, 41, 1943-1955.	5.4	108
3	Single-nucleus transcriptome analysis reveals cell-type-specific molecular signatures across reward circuitry in the human brain. <i>Neuron</i> , 2021, 109, 3088-3103.e5.	8.1	95
4	Antidepressant-like Effects of Electroconvulsive Seizures Require Adult Neurogenesis in a Neuroendocrine Model of Depression. <i>Brain Stimulation</i> , 2015, 8, 862-867.	1.6	70
5	Profiling gene expression in the human dentate gyrus granule cell layer reveals insights into schizophrenia and its genetic risk. <i>Nature Neuroscience</i> , 2020, 23, 510-519.	14.8	67
6	DSCAM Contributes to Dendrite Arborization and Spine Formation in the Developing Cerebral Cortex. <i>Journal of Neuroscience</i> , 2012, 32, 16637-16650.	3.6	57
7	Loss of promoter IV-driven BDNF expression impacts oscillatory activity during sleep, sensory information processing and fear regulation. <i>Translational Psychiatry</i> , 2016, 6, e873-e873.	4.8	53
8	Activity-dependent brain-derived neurotrophic factor expression regulates cortistatin-interneurons and sleep behavior. <i>Molecular Brain</i> , 2011, 4, 11.	2.6	52
9	Bdnf mRNA splice variants differentially impact CA1 and CA3 dendrite complexity and spine morphology in the hippocampus. <i>Brain Structure and Function</i> , 2017, 222, 3295-3307.	2.3	48
10	dotdotdot: an automated approach to quantify multiplex single molecule fluorescent in situ hybridization (smFISH) images in complex tissues. <i>Nucleic Acids Research</i> , 2020, 48, e66-e66.	14.5	46
11	BDNF-TrkB signaling in oxytocin neurons contributes to maternal behavior. <i>ELife</i> , 2018, 7, .	6.0	38
12	Rebound Potentiation of Inhibition in Juvenile Visual Cortex Requires Vision-Induced BDNF Expression. <i>Journal of Neuroscience</i> , 2014, 34, 10770-10779.	3.6	28
13	Electroconvulsive seizures influence dendritic spine morphology and BDNF expression in a neuroendocrine model of depression. <i>Brain Stimulation</i> , 2018, 11, 856-859.	1.6	26
14	Differential HHV-6A gene expression in T cells and primary human astrocytes based on multi-virus array analysis. <i>Glia</i> , 2006, 53, 789-798.	4.9	24
15	Manipulation of a genetically and spatially defined sub-population of BDNF-expressing neurons potentiates learned fear and decreases hippocampal-prefrontal synchrony in mice. <i>Neuropsychopharmacology</i> , 2019, 44, 2239-2246.	5.4	21
16	Disruption of brain-derived neurotrophic factor production from individual promoters generates distinct body composition phenotypes in mice. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2018, 315, E1168-E1184.	3.5	19
17	Spatial transcriptomics: putting genome-wide expression on the map. <i>Neuropsychopharmacology</i> , 2020, 45, 232-233.	5.4	17
18	Narp Mediates Antidepressant-Like Effects of Electroconvulsive Seizures. <i>Neuropsychopharmacology</i> , 2018, 43, 1088-1098.	5.4	16

#	ARTICLE	IF	CITATIONS
19	Cortistatin-expressing interneurons require TrkB signaling to suppress neural hyper-excitability. <i>Brain Structure and Function</i> , 2019, 224, 471-483.	2.3	10
20	TrkB Signaling Influences Gene Expression in Cortistatin-Expressing Interneurons. <i>ENeuro</i> , 2020, 7, ENEURO.0310-19.2019.	1.9	10
21	Developmental and adult expression of semaphorin 2a in the cricket <i>Gryllus bimaculatus</i> . <i>Journal of Comparative Neurology</i> , 2007, 503, 169-181.	1.6	7
22	Single molecule in situ hybridization reveals distinct localizations of schizophrenia risk-related transcripts SNX19 and AS3MT in human brain. <i>Molecular Psychiatry</i> , 2021, 26, 3536-3547.	7.9	5
23	Induction of Bdnf from promoter I following electroconvulsive seizures contributes to structural plasticity in neurons of the piriform cortex. <i>Brain Stimulation</i> , 2022, 15, 427-433.	1.6	4