

Kafui Dzirasa

List of Publications by Year in descending order

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Version: 2024-02-01

43
papers

1,934
citations

394421
19
h-index

414414
32
g-index

52
all docs

52
docs citations

52
times ranked

3030
citing authors

#	ARTICLE	IF	CITATIONS
1	Altered mGluR5-Homer scaffolds and corticostriatal connectivity in a Shank3 complete knockout model of autism. <i>Nature Communications</i> , 2016, 7, 11459.	12.8	292
2	Dopaminergic Control of Sleep–Wake States. <i>Journal of Neuroscience</i> , 2006, 26, 10577-10589.	3.6	262
3	Brain-wide Electrical Spatiotemporal Dynamics Encode Depression Vulnerability. <i>Cell</i> , 2018, 173, 166-180.e14.	28.9	135
4	A Shared Vision for Machine Learning in Neuroscience. <i>Journal of Neuroscience</i> , 2018, 38, 1601-1607.	3.6	121
5	Prefrontal cortex reactivity underlies trait vulnerability to chronic social defeat stress. <i>Nature Communications</i> , 2014, 5, 4537.	12.8	104
6	A Common Neuroendocrine Substrate for Diverse General Anesthetics and Sleep. <i>Neuron</i> , 2019, 102, 1053-1065.e4.	8.1	102
7	Dysregulation of Prefrontal Cortex-Mediated Slow-Evolving Limbic Dynamics Drives Stress-Induced Emotional Pathology. <i>Neuron</i> , 2016, 91, 439-452.	8.1	98
8	Cortical Control of Affective Networks. <i>Journal of Neuroscience</i> , 2013, 33, 1116-1129.	3.6	94
9	Hyperdopaminergia and NMDA Receptor Hypofunction Disrupt Neural Phase Signaling. <i>Journal of Neuroscience</i> , 2009, 29, 8215-8224.	3.6	86
10	Lithium Ameliorates Nucleus Accumbens Phase-Signaling Dysfunction in a Genetic Mouse Model of Mania. <i>Journal of Neuroscience</i> , 2010, 30, 16314-16323.	3.6	76
11	Increased Metabotropic Glutamate Receptor 5 Signaling Underlies Obsessive-Compulsive Disorder-like Behavioral and Striatal Circuit Abnormalities in Mice. <i>Biological Psychiatry</i> , 2016, 80, 522-533.	1.3	63
12	Chronic in vivo multi-circuit neurophysiological recordings in mice. <i>Journal of Neuroscience Methods</i> , 2011, 195, 36-46.	2.5	51
13	Burnout and Mental Health Problems in Biomedical Doctoral Students. <i>CBE Life Sciences Education</i> , 2019, 18, ar27.	2.3	47
14	Increasing the validity of experimental models for depression. <i>Annals of the New York Academy of Sciences</i> , 2012, 1265, 36-45.	3.8	40
15	Noradrenergic Control of Cortico-Striato-Thalamic and Mesolimbic Cross-Structural Synchrony. <i>Journal of Neuroscience</i> , 2010, 30, 6387-6397.	3.6	38
16	Impaired Limbic Gamma Oscillatory Synchrony during Anxiety-Related Behavior in a Genetic Mouse Model of Bipolar Mania. <i>Journal of Neuroscience</i> , 2011, 31, 6449-6456.	3.6	38
17	Cortical–Amygdalar Circuit Dysfunction in a Genetic Mouse Model of Serotonin Deficiency. <i>Journal of Neuroscience</i> , 2013, 33, 4505-4513.	3.6	35
18	Concrete steps to diversify the scientific workforce. <i>Science</i> , 2021, 372, 133-135.	12.6	33

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19	Dynamically Timed Stimulation of Corticolimbic Circuitry Activates a Stress-Compensatory Pathway. <i>Biological Psychiatry</i> , 2017, 82, 904-913.	1.3	28
20	Revising the a Priori Hypothesis: Systemic Racism Has Penetrated Scientific Funding. <i>Cell</i> , 2020, 183, 576-579.	28.9	22
21	Applying the Stress Process Model to Stressâ€œBurnout and Stressâ€œDepression Relationships in Biomedical Doctoral Students: A Cross-Sectional Pilot Study. <i>CBE Life Sciences Education</i> , 2019, 18, ar51.	2.3	20
22	For Black Scientists, the Sorrow Is Also Personal. <i>Cell</i> , 2020, 182, 263-264.	28.9	20
23	Brain-wide electrical dynamics encode individual appetitive social behavior. <i>Neuron</i> , 2022, 110, 1728-1741.e7.	8.1	20
24	Persistent Hyperdopaminergia Decreases the Peak Frequency of Hippocampal Theta Oscillations during Quiet Waking and REM Sleep. <i>PLoS ONE</i> , 2009, 4, e5238.	2.5	19
25	Rat intersubjective decisions are encoded by frequencyâ€œspecific oscillatory contexts. <i>Brain and Behavior</i> , 2017, 7, e00710.	2.2	17
26	Missing in Action: African Ancestry Brain Research. <i>Neuron</i> , 2020, 107, 407-411.	8.1	12
27	Incubating the Research Independence of a Medical Scientist Training Program Graduate. <i>Academic Medicine</i> , 2015, 90, 176-179.	1.6	11
28	Animal models of psychiatric disorders. <i>Neuroscience</i> , 2016, 321, 1-2.	2.3	8
29	Localization of Metal Electrodes in the Intact Rat Brain Using Registration of 3D Microcomputed Tomography Images to a Magnetic Resonance Histology Atlas. <i>ENeuro</i> , 2015, 2, ENEURO.0017-15.2015.	1.9	7
30	Is depression a disorder of electrical brain networks?. <i>Neuropsychopharmacology</i> , 2020, 45, 230-231.	5.4	6
31	How Does Deep Brain Stimulation Work?. <i>Biological Psychiatry</i> , 2012, 72, 892-894.	1.3	5
32	A brilliant approach to study the basis of intelligence?. <i>Science Translational Medicine</i> , 2017, 9, .	12.4	1
33	Regulation of sensorimotor gating via Disc1/Huntingtin-mediated Bdnf transport in the cortico-striatal circuit. <i>Molecular Psychiatry</i> , 2022, , .	7.9	1
34	Marc G. Caron (1946â€œ2022). <i>Neuron</i> , 2022, 110, 2050-2051.	8.1	1
35	Tuning the Brain-Gut Axis in Health and Disease. <i>Current Stem Cell Reports</i> , 2015, 1, 60-66.	1.6	0
36	The neural substrates of super memory. <i>Science Translational Medicine</i> , 2017, 9, .	12.4	0

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37	Working memory: The real VIP. Science Translational Medicine, 2017, 9, .	12.4	0
38	When they go low, we go high. Science Translational Medicine, 2017, 9, .	12.4	0
39	In the mood for food. Science Translational Medicine, 2017, 9, .	12.4	0
40	The new stars of synaptic regulation. Science Translational Medicine, 2017, 9, .	12.4	0
41	Brain leak, mind bleak. Science Translational Medicine, 2017, 9, .	12.4	0
42	Neuronal suppression causing depression?. Science Translational Medicine, 2018, 10, .	12.4	0
43	Acceptability and Perceived Effectiveness of Approaches to Support Biomedical Doctoral Student Wellness: One Size Doesn't Fit All. International Journal of Doctoral Studies, 0, 15, 653-684.	1.0	0