

Avishek Adhikari

List of Publications by Year in descending order

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Version: 2024-02-01

28
papers

6,120
citations

304743

22
h-index

552781

26
g-index

34
all docs

34
docs citations

34
times ranked

8807
citing authors

#	ARTICLE	IF	CITATIONS
1	GABAergic CA1 neurons are more stable following context changes than glutamatergic cells. <i>Scientific Reports</i> , 2022, 12, .	3.3	5
2	Shared Dorsal Periaqueductal Gray Activation Patterns during Exposure to Innate and Conditioned Threats. <i>Journal of Neuroscience</i> , 2021, 41, 5399-5420.	3.6	13
3	Dorsal periaqueductal gray ensembles represent approach and avoidance states. <i>ELife</i> , 2021, 10, .	6.0	26
4	Coordination of escape and spatial navigation circuits orchestrates versatile flight from threats. <i>Neuron</i> , 2021, 109, 1848-1860.e8.	8.1	47
5	Dorsal premammillary projection to periaqueductal gray controls escape vigor from innate and conditioned threats. <i>ELife</i> , 2021, 10, .	6.0	22
6	Long-Term Characterization of Hippocampal Remapping during Contextual Fear Acquisition and Extinction. <i>Journal of Neuroscience</i> , 2020, 40, 8329-8342.	3.6	39
7	To Approach or Avoid: An Introductory Overview of the Study of Anxiety Using Rodent Assays. <i>Frontiers in Behavioral Neuroscience</i> , 2020, 14, 145.	2.0	69
8	Estrogen-sensitive medial preoptic area neurons coordinate torpor in mice. <i>Nature Communications</i> , 2020, 11, 6378.	12.8	49
9	Integration of optogenetics with complementary methodologies in systems neuroscience. <i>Nature Reviews Neuroscience</i> , 2017, 18, 222-235.	10.2	562
10	Wiring and Molecular Features of Prefrontal Ensembles Representing Distinct Experiences. <i>Cell</i> , 2016, 165, 1776-1788.	28.9	295
11	Basomedial amygdala mediates top-down control of anxiety and fear. <i>Nature</i> , 2015, 527, 179-185.	27.8	399
12	Natural Neural Projection Dynamics Underlying Social Behavior. <i>Cell</i> , 2014, 157, 1535-1551.	28.9	1,121
13	Distributed circuits underlying anxiety. <i>Frontiers in Behavioral Neuroscience</i> , 2014, 8, 112.	2.0	174
14	Dopamine neurons modulate neural encoding and expression of depression-related behaviour. <i>Nature</i> , 2013, 493, 537-541.	27.8	874
15	Diverging neural pathways assemble a behavioural state from separable features in anxiety. <i>Nature</i> , 2013, 496, 219-223.	27.8	543
16	A prefrontal cortex-brainstem neuronal projection that controls response to behavioural challenge. <i>Nature</i> , 2012, 492, 428-432.	27.8	526
17	Single Units in the Medial Prefrontal Cortex with Anxiety-Related Firing Patterns Are Preferentially Influenced by Ventral Hippocampal Activity. <i>Neuron</i> , 2011, 71, 898-910.	8.1	227
18	Disrupted Activity in the Hippocampal-Accumbens Circuit of Type III Neuregulin 1 Mutant Mice. <i>Neuropsychopharmacology</i> , 2011, 36, 488-496.	5.4	23

#	ARTICLE	IF	CITATIONS
19	Influence of spontaneous calcium events on cell-cycle progression in embryonal carcinoma and adult stem cells. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2010, 1803, 246-260.	4.1	70
20	Cross-correlation of instantaneous amplitudes of field potential oscillations: A straightforward method to estimate the directionality and lag between brain areas. <i>Journal of Neuroscience Methods</i> , 2010, 191, 191-200.	2.5	96
21	Learned fear and innate anxiety in rodents and their relevance to human anxiety disorders. , 2010, , 180-191.		1
22	Intracellular Ca ²⁺ Regulation During Neuronal Differentiation of Murine Embryonal Carcinoma and Mesenchymal Stem Cells. <i>Stem Cells and Development</i> , 2010, 19, 379-394.	2.1	47
23	Synchronized Activity between the Ventral Hippocampus and the Medial Prefrontal Cortex during Anxiety. <i>Neuron</i> , 2010, 65, 257-269.	8.1	599
24	Cholinergic receptor pathways involved in apoptosis, cell proliferation and neuronal differentiation. <i>Cell Communication and Signaling</i> , 2009, 7, 20.	6.5	153
25	Mechanism of acetylcholine-induced calcium signaling during neuronal differentiation of P19 embryonal carcinoma cells in vitro. <i>Cell Calcium</i> , 2008, 43, 107-121.	2.4	44
26	The dual face of endogenous $\hat{\pm}$ -aminoketones: Pro-oxidizing metabolic weapons. <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2007, 146, 88-110.	2.6	44
27	5-Aminolevulinate and 4, 5-dioxovalerate ions decrease GABAA receptor density in neuronal cells, synaptosomes and rat brain. <i>Brain Research</i> , 2006, 1093, 95-104.	2.2	39
28	Sparse genetically defined neurons refine the canonical role of periaqueductal gray columnar organization. <i>ELife</i> , 0, 11, .	6.0	9