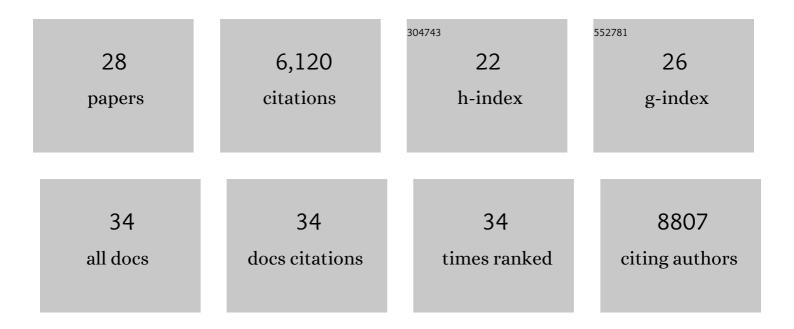
Avishek Adhikari

List of Publications by Year in descending order

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Δυιςήεκ Δημικλρι

#	Article	IF	CITATIONS
1	Natural Neural Projection Dynamics Underlying Social Behavior. Cell, 2014, 157, 1535-1551.	28.9	1,121
2	Dopamine neurons modulate neural encoding and expression of depression-related behaviour. Nature, 2013, 493, 537-541.	27.8	874
3	Synchronized Activity between the Ventral Hippocampus and the Medial Prefrontal Cortex during Anxiety. Neuron, 2010, 65, 257-269.	8.1	599
4	Integration of optogenetics with complementary methodologies in systems neuroscience. Nature Reviews Neuroscience, 2017, 18, 222-235.	10.2	562
5	Diverging neural pathways assemble a behavioural state from separable features in anxiety. Nature, 2013, 496, 219-223.	27.8	543
6	A prefrontal cortex–brainstem neuronal projection that controls response to behavioural challenge. Nature, 2012, 492, 428-432.	27.8	526
7	Basomedial amygdala mediates top-down control of anxiety and fear. Nature, 2015, 527, 179-185.	27.8	399
8	Wiring and Molecular Features of Prefrontal Ensembles Representing Distinct Experiences. Cell, 2016, 165, 1776-1788.	28.9	295
9	Single Units in the Medial Prefrontal Cortex with Anxiety-Related Firing Patterns Are Preferentially Influenced by Ventral Hippocampal Activity. Neuron, 2011, 71, 898-910.	8.1	227
10	Distributed circuits underlying anxiety. Frontiers in Behavioral Neuroscience, 2014, 8, 112.	2.0	174
11	Cholinergic receptor pathways involved in apoptosis, cell proliferation and neuronal differentiation. Cell Communication and Signaling, 2009, 7, 20.	6.5	153
12	Cross-correlation of instantaneous amplitudes of field potential oscillations: A straightforward method to estimate the directionality and lag between brain areas. Journal of Neuroscience Methods, 2010, 191, 191-200.	2.5	96
13	Influence of spontaneous calcium events on cell-cycle progression in embryonal carcinoma and adult stem cells. Biochimica Et Biophysica Acta - Molecular Cell Research, 2010, 1803, 246-260.	4.1	70
14	To Approach or Avoid: An Introductory Overview of the Study of Anxiety Using Rodent Assays. Frontiers in Behavioral Neuroscience, 2020, 14, 145.	2.0	69
15	Estrogen-sensitive medial preoptic area neurons coordinate torpor in mice. Nature Communications, 2020, 11, 6378.	12.8	49
16	Intracellular Ca ²⁺ Regulation During Neuronal Differentiation of Murine Embryonal Carcinoma and Mesenchymal Stem Cells. Stem Cells and Development, 2010, 19, 379-394.	2.1	47
17	Coordination of escape and spatial navigation circuits orchestrates versatile flight from threats. Neuron, 2021, 109, 1848-1860.e8.	8.1	47
18	The dual face of endogenous α-aminoketones: Pro-oxidizing metabolic weapons. Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology, 2007, 146, 88-110.	2.6	44

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#	Article	IF	CITATIONS
19	Mechanism of acetylcholine-induced calcium signaling during neuronal differentiation of P19 embryonal carcinoma cells in vitro. Cell Calcium, 2008, 43, 107-121.	2.4	44
20	5-Aminolevulinate and 4, 5-dioxovalerate ions decrease GABAA receptor density in neuronal cells, synaptosomes and rat brain. Brain Research, 2006, 1093, 95-104.	2.2	39
21	Long-Term Characterization of Hippocampal Remapping during Contextual Fear Acquisition and Extinction. Journal of Neuroscience, 2020, 40, 8329-8342.	3.6	39
22	Dorsal periaqueductal gray ensembles represent approach and avoidance states. ELife, 2021, 10, .	6.0	26
23	Disrupted Activity in the Hippocampal–Accumbens Circuit of Type III Neuregulin 1 Mutant Mice. Neuropsychopharmacology, 2011, 36, 488-496.	5.4	23
24	Dorsal premammillary projection to periaqueductal gray controls escape vigor from innate and conditioned threats. ELife, 2021, 10, .	6.0	22
25	Shared Dorsal Periaqueductal Gray Activation Patterns during Exposure to Innate and Conditioned Threats. Journal of Neuroscience, 2021, 41, 5399-5420.	3.6	13
26	Sparse genetically defined neurons refine the canonical role of periaqueductal gray columnar organization. ELife, 0, 11, .	6.0	9
27	GABAergic CA1 neurons are more stable following context changes than glutamatergic cells. Scientific Reports, 2022, 12, .	3.3	5
28	Learned fear and innate anxiety in rodents and their relevance to human anxiety disorders. , 2010, , 180-191.		1