Anna S Mitchell

List of Publications by Year
in descending order

46 papers	3,078 citations	249298 26 h-index	263392 45 g-index
56 all docs	56 docs citations	56 times ranked	4808 citing authors

#	Article	IF	Citations
1	Corticoâ€thalamocortical interactions for learning, memory and decisionâ€making. Journal of Physiology, 2023, 601, 25-35.	1.3	5
2	Mediodorsal Thalamus Is Critical for Updating during Extradimensional Shifts But Not Reversals in the Attentional Set-Shifting Task. ENeuro, 2022, 9, ENEURO.0162-21.2022.	0.9	4
3	Openness about animal research increases public support. Nature Neuroscience, 2022, 25, 401-403.	7.1	7
4	Frontopolar cortex shapes brain network structure across prefrontal and posterior cingulate cortex. Progress in Neurobiology, 2022, , 102314.	2.8	2
5	Protective cranial implant caps for macaques. Journal of Neuroscience Methods, 2021, 348, 108992.	1.3	6
6	International primate neuroscience research regulation, public engagement and transparency opportunities. NeuroImage, 2021, 229, 117700.	2.1	17
7	Combining brain perturbation and neuroimaging in non-human primates. NeuroImage, 2021, 235, 118017.	2.1	50
8	The continued need for animals to advance brain research. Neuron, 2021, 109, 2374-2379.	3.8	36
9	Thalamocortical interactions in cognition and disease: The mediodorsal and anterior thalamic nuclei. Neuroscience and Biobehavioral Reviews, 2021, 130, 162-177.	2.9	33
10	Evidence for two distinct thalamocortical circuits in retrosplenial cortex. Neurobiology of Learning and Memory, 2021, 185, 107525.	1.0	16
11	Corticocortical and Thalamocortical Changes in Functional Connectivity and White Matter Structural Integrity after Reward-Guided Learning of Visuospatial Discriminations in Rhesus Monkeys. Journal of Neuroscience, 2020, 40, 7887-7901.	1.7	14
12	Macaque parvocellular mediodorsal thalamus: dissociable contributions to learning and adaptive decisionâ€making. European Journal of Neuroscience, 2019, 49, 1041-1054.	1.2	16
13	Considering the Evidence for Anterior and Laterodorsal Thalamic Nuclei as Higher Order Relays to Cortex. Frontiers in Molecular Neuroscience, 2019, 12, 167.	1.4	35
14	Effective chair training methods for neuroscience research involving rhesus macaques (Macaca) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 22	1.3	16
15	Preserved extrastriate visual network in a monkey with substantial, naturally occurring damage to primary visual cortex. ELife, 2019, 8, .	2.8	19
16	Continued need for non-human primate neuroscience research. Current Biology, 2018, 28, R1186-R1187.	1.8	25
17	Functional reorganisation and recovery following cortical lesions: A preliminary study in macaque monkeys. Neuropsychologia, 2018, 119, 382-391.	0.7	11
18	Retrosplenial cortex and its role in spatial cognition. Brain and Neuroscience Advances, 2018, 2, 239821281875709.	1.8	186

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19	The Regulatory Role of the Human Mediodorsal Thalamus. Trends in Cognitive Sciences, 2018, 22, 1011-1025.	4.0	129
20	Cognitive Functions and Neurodevelopmental Disorders Involving the Prefrontal Cortex and Mediodorsal Thalamus. Frontiers in Neuroscience, 2018, 12, 33.	1.4	105
21	Retrosplenial Cortical Contributions to Anterograde and Retrograde Memory in the Monkey. Cerebral Cortex, 2016, 26, 2905-2918.	1.6	32
22	A Putative Multiple-Demand System in the Macaque Brain. Journal of Neuroscience, 2016, 36, 8574-8585.	1.7	41
23	Critical role for the mediodorsal thalamus in permitting rapid reward-guided updating in stochastic reward environments. ELife, 2016, 5, .	2.8	50
24	Connectivity between the superior colliculus and the amygdala in humans and macaque monkeys: virtual dissection with probabilistic DTI tractography. Journal of Neurophysiology, 2015, 114, 1947-1962.	0.9	100
25	The mediodorsal thalamus as a higher order thalamic relay nucleus important for learning and decision-making. Neuroscience and Biobehavioral Reviews, 2015, 54, 76-88.	2.9	214
26	Behavioral and cognitive changes after early postnatal lesions of the rat mediodorsal thalamus. Behavioural Brain Research, 2015, 292, 219-232.	1.2	31
27	Adaptability to changes in temporal structure is fornix-dependent. Learning and Memory, 2015, 22, 354-359.	0.5	6
28	Evidence for Mediodorsal Thalamus and Prefrontal Cortex Interactions during Cognition in Macaques. Cerebral Cortex, 2015, 25, 4519-4534.	1.6	44
29	A Neural Circuit Covarying with Social Hierarchy in Macaques. PLoS Biology, 2014, 12, e1001940.	2.6	133
30	Advances in Understanding Mechanisms of Thalamic Relays in Cognition and Behavior. Journal of Neuroscience, 2014, 34, 15340-15346.	1.7	139
31	Causal effect of disconnection lesions on interhemispheric functional connectivity in rhesus monkeys. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 13982-13987.	3.3	195
32	What does the mediodorsal thalamus do?. Frontiers in Systems Neuroscience, 2013, 7, 37.	1.2	208
33	Diffusion-Weighted Imaging Tractography-Based Parcellation of the Human Parietal Cortex and Comparison with Human and Macaque Resting-State Functional Connectivity. Journal of Neuroscience, 2011, 31, 4087-4100.	1.7	446
34	Ventrolateral prefrontal cortex is required for performance of a strategy implementation task but not reinforcer devaluation effects in rhesus monkeys. European Journal of Neuroscience, 2009, 29, 2049-2059.	1.2	60
35	Dorsolateral prefrontal lesions do not impair tests of scene learning and decisionâ€making that require frontalâ€"temporal interaction. European Journal of Neuroscience, 2008, 28, 491-499.	1.2	35
36	The Magnocellular Mediodorsal Thalamus is Necessary for Memory Acquisition, But Not Retrieval. Journal of Neuroscience, 2008, 28, 258-263.	1.7	58

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37	Dissociable Roles for Cortical and Subcortical Structures in Memory Retrieval and Acquisition. Journal of Neuroscience, 2008, 28, 8387-8396.	1.7	36
38	Perseverative interference with object-in-place scene learning in rhesus monkeys with bilateral ablation of ventrolateral prefrontal cortex. Learning and Memory, 2008, 15, 126-132.	0.5	18
39	Neurotoxic Lesions of the Medial Mediodorsal Nucleus of the Thalamus Disrupt Reinforcer Devaluation Effects in Rhesus Monkeys. Journal of Neuroscience, 2007, 27, 11289-11295.	1.7	89
40	Dissociable Performance on Scene Learning and Strategy Implementation after Lesions to Magnocellular Mediodorsal Thalamic Nucleus. Journal of Neuroscience, 2007, 27, 11888-11895.	1.7	94
41	Orbital Prefrontal Cortex Is Required for Object-in-Place Scene Memory But Not Performance of a Strategy Implementation Task. Journal of Neuroscience, 2007, 27, 11327-11333.	1.7	36
42	Neurotoxic lesions of ventrolateral prefrontal cortex impair object-in-place scene memory. European Journal of Neuroscience, 2007, 25, 2514-2522.	1.2	23
43	Lateral and anterior thalamic lesions impair independent memory systems. Learning and Memory, 2006, 13, 388-396.	0.5	83
44	Dissociable memory effects after medial thalamus lesions in the rat. European Journal of Neuroscience, 2005, 22, 973-985.	1.2	118
45	Dissociable memory effects after medial thalamus lesions in the rat. European Journal of Neuroscience, 2005, 22, 1263-1263.	1.2	0
46	Spatial Working Memory and the Brainstem Cholinergic Innervation to the Anterior Thalamus. Journal of Neuroscience, 2002, 22, 1922-1928.	1.7	50