

Julia J Harris

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3409951/publications.pdf>

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13
papers

2,197
citations

840776

11
h-index

1125743

13
g-index

13
all docs

13
docs citations

13
times ranked

3981
citing authors

#	ARTICLE	IF	CITATIONS
1	Synaptic Energy Use and Supply. <i>Neuron</i> , 2012, 75, 762-777.	8.1	1,209
2	The Energetics of CNS White Matter. <i>Journal of Neuroscience</i> , 2012, 32, 356-371.	3.6	387
3	GABA and glutamate neurons in the VTA regulate sleep and wakefulness. <i>Nature Neuroscience</i> , 2019, 22, 106-119.	14.8	188
4	The physiology of developmental changes in BOLD functional imaging signals. <i>Developmental Cognitive Neuroscience</i> , 2011, 1, 199-216.	4.0	132
5	Contextual Illusions Reveal the Limit of Unconscious Visual Processing. <i>Psychological Science</i> , 2011, 22, 399-405.	3.3	74
6	Energy-Efficient Information Transfer by Visual Pathway Synapses. <i>Current Biology</i> , 2015, 25, 3151-3160.	3.9	60
7	Fast odour dynamics are encoded in the olfactory system and guide behaviour. <i>Nature</i> , 2021, 593, 558-563.	27.8	55
8	The BOLD signal and neurovascular coupling in autism. <i>Developmental Cognitive Neuroscience</i> , 2013, 6, 72-79.	4.0	28
9	Energy-efficient information transfer at thalamocortical synapses. <i>PLoS Computational Biology</i> , 2019, 15, e1007226.	3.2	22
10	Is Myelin a Mitochondrion?. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2013, 33, 33-36.	4.3	17
11	How do antidepressants influence the BOLD signal in the developing brain?. <i>Developmental Cognitive Neuroscience</i> , 2017, 25, 45-57.	4.0	12
12	Optimising the energetic cost of the glutamatergic synapse. <i>Neuropharmacology</i> , 2021, 197, 108727.	4.1	7
13	Natural VTA activity during NREM sleep influences future exploratory behavior. <i>IScience</i> , 2022, 25, 104396.	4.1	6