

Shir Hofstetter

List of Publications by Year in descending order

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Version: 2024-02-01

22
papers

1,116
citations

759233

12
h-index

794594

19
g-index

23
all docs

23
docs citations

23
times ranked

1782
citing authors

#	ARTICLE	IF	CITATIONS
1	Learning in the Fast Lane: New Insights into Neuroplasticity. <i>Neuron</i> , 2012, 73, 1195-1203.	8.1	422
2	Short-Term Learning Induces White Matter Plasticity in the Fornix. <i>Journal of Neuroscience</i> , 2013, 33, 12844-12850.	3.6	173
3	The CONNECT project: Combining macro- and micro-structure. <i>NeuroImage</i> , 2013, 80, 273-282.	4.2	121
4	Task Selectivity as a Comprehensive Principle for Brain Organization. <i>Trends in Cognitive Sciences</i> , 2017, 21, 307-310.	7.8	75
5	Micro-structural assessment of short term plasticity dynamics. <i>NeuroImage</i> , 2013, 81, 1-7.	4.2	62
6	Rapid language-related plasticity: microstructural changes in the cortex after a short session of new word learning. <i>Brain Structure and Function</i> , 2017, 222, 1231-1241.	2.3	59
7	Reduction of Apoptosis in Ischemic Retinas of Two Mouse Models Using Hyperbaric Oxygen Treatment. <i>NeuroImage</i> , 2011, 52, 7514.		25
8	Topographic numerosity maps cover subitizing and estimation ranges. <i>Nature Communications</i> , 2021, 12, 3374.	12.8	24
9	Individualized cognitive neuroscience needs 7T: Comparing numerosity maps at 3T and 7T MRI. <i>NeuroImage</i> , 2021, 237, 118184.	4.2	23
10	The rapid development of structural plasticity through short water maze training: A DTI study. <i>NeuroImage</i> , 2017, 155, 202-208.	4.2	21
11	Topographic maps representing haptic numerosity reveals distinct sensory representations in supramodal networks. <i>Nature Communications</i> , 2021, 12, 221.	12.8	21
12	A Whole-Body Sensory-Motor Gradient is Revealed in the Medial Wall of the Parietal Lobe. <i>Journal of Neuroscience</i> , 2019, 39, 7882-7892.	3.6	18
13	Adaptation to visual numerosity changes neural numerosity selectivity. <i>NeuroImage</i> , 2021, 229, 117794.	4.2	16
14	The role of neural tuning in quantity perception. <i>Trends in Cognitive Sciences</i> , 2022, 26, 11-24.	7.8	14
15	The development of white matter structural changes during the process of deterioration of the visual field. <i>Scientific Reports</i> , 2019, 9, 2085.	3.3	12
16	Comparing BOLD and VASO-CBV population receptive field estimates in human visual cortex. <i>NeuroImage</i> , 2022, 248, 118868.	4.2	8
17	Attention drives human numerosity-selective responses. <i>Cell Reports</i> , 2022, 39, 111005.	6.4	7
18	Topographic maps and neural tuning for sensory substitution dimensions learned in adulthood in a congenital blind subject. <i>NeuroImage</i> , 2021, 235, 118029.	4.2	6

#	ARTICLE	IF	CITATIONS
19	Tuned neural responses to haptic numerosity in the putamen. <i>NeuroImage</i> , 2021, 238, 118178.	4.2	6
20	Neural numerosity selectivity changes after visual numerosity adaptation. <i>Journal of Vision</i> , 2020, 20, 486.	0.3	3
21	The mapping and reconstruction of the brain's mind eye in the absence of visual experience: a population receptive field mapping of soundscape space. <i>Journal of Vision</i> , 2018, 18, 1228.	0.3	0
22	Attention modulates numerosity responses in human parietal cortex. <i>Journal of Vision</i> , 2020, 20, 690.	0.3	0