Matthias Nau

List of Publications by Year
in descending order

12 papers	515 citations	1040056 9 h-index	1474206 9 g-index
20 all docs	20 docs citations	20 times ranked	474 citing authors

#	Article	IF	Citations
1	A massive 7T fMRI dataset to bridge cognitive neuroscience and artificial intelligence. Nature Neuroscience, 2022, 25, 116-126.	14.8	129
2	Centering inclusivity in the design of online conferences—An OHBM—Open Science perspective. GigaScience, 2021, 10, .	6.4	14
3	Interpreting wide-band neural activity using convolutional neural networks. ELife, 2021, 10, .	6.0	17
4	Magnetic resonance-based eye tracking using deep neural networks. Nature Neuroscience, 2021, 24, 1772-1779.	14.8	21
5	Deforming the metric of cognitive maps distorts memory. Nature Human Behaviour, 2020, 4, 177-188.	12.0	45
6	Behavior-dependent directional tuning in the human visual-navigation network. Nature Communications, 2020, 11, 3247.	12.8	31
7	DeepMReye: MR-based eye tracking without eye tracking. Journal of Vision, 2020, 20, 1014.	0.3	0
8	Development of entorhinal grid-cell-like representations of visual space. Journal of Vision, 2019, 19, 119b.	0.3	0
9	A voxel-wise encoding model for VR-navigation maps view-direction tuning at 7T-fMRI. Journal of Vision, 2019, 19, 162b.	0.3	0
10	Real-motion signals in human early visual cortex. NeuroImage, 2018, 175, 379-387.	4.2	22
11	Hexadirectional coding of visual space in human entorhinal cortex. Nature Neuroscience, 2018, 21, 188-190.	14.8	148
12	How the Brain's Navigation System Shapes Our Visual Experience. Trends in Cognitive Sciences, 2018, 22, 810-825.	7.8	64