

Axel Kohler

List of Publications by Year in descending order

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Version: 2024-02-01

24
papers

1,723
citations

430874

18
h-index

610901

24
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docs citations

24
times ranked

2058
citing authors

#	ARTICLE	IF	CITATIONS
1	Stimulus Predictability Reduces Responses in Primary Visual Cortex. <i>Journal of Neuroscience</i> , 2010, 30, 2960-2966.	3.6	441
2	Primary Visual Cortex Activity along the Apparent-Motion Trace Reflects Illusory Perception. <i>PLoS Biology</i> , 2005, 3, e265.	5.6	196
3	Imaging the Brain Activity Changes Underlying Impaired Visuospatial Judgments: Simultaneous fMRI, TMS, and Behavioral Studies. <i>Cerebral Cortex</i> , 2007, 17, 2841-2852.	2.9	185
4	The temporal characteristics of motion processing in hMT/V5+: Combining fMRI and neuronavigated TMS. <i>NeuroImage</i> , 2006, 29, 1326-1335.	4.2	109
5	Smaller Primary Visual Cortex Is Associated with Stronger, but Less Precise Mental Imagery. <i>Cerebral Cortex</i> , 2016, 26, 3838-3850.	2.9	96
6	Interhemispheric Connections Shape Subjective Experience of Bistable Motion. <i>Current Biology</i> , 2011, 21, 1494-1499.	3.9	80
7	Imagery of a moving object: The role of occipital cortex and human MT/V5+. <i>NeuroImage</i> , 2010, 49, 794-804.	4.2	77
8	Neuroelectromagnetic Correlates of Perceptual Closure Processes. <i>Journal of Neuroscience</i> , 2010, 30, 8342-8352.	3.6	74
9	The Timing of Feedback to Early Visual Cortex in the Perception of Long-Range Apparent Motion. <i>Cerebral Cortex</i> , 2009, 19, 1567-1582.	2.9	66
10	Auditory motion direction encoding in auditory cortex and high-level visual cortex. <i>Human Brain Mapping</i> , 2012, 33, 969-978.	3.6	54
11	Neural Anatomy of Primary Visual Cortex Limits Visual Working Memory. <i>Cerebral Cortex</i> , 2016, 26, 43-50.	2.9	49
12	Deciding what to see: The role of intention and attention in the perception of apparent motion. <i>Vision Research</i> , 2008, 48, 1096-1106.	1.4	43
13	Functional Magnetic Resonance Adaptation in Visual Neuroscience. <i>Reviews in the Neurosciences</i> , 2008, 19, 363-80.	2.9	42
14	Callosal connections of primary visual cortex predict the spatial spreading of binocular rivalry across the visual hemifields. <i>Frontiers in Human Neuroscience</i> , 2011, 5, 161.	2.0	38
15	A spatio-temporal interaction on the apparent motion trace. <i>Vision Research</i> , 2007, 47, 3424-3433.	1.4	35
16	Surface Area of Early Visual Cortex Predicts Individual Speed of Traveling Waves During Binocular Rivalry. <i>Cerebral Cortex</i> , 2015, 25, 1499-1508.	2.9	31
17	Functional Connectivity Patterns of Visual Cortex Reflect its Anatomical Organization. <i>Cerebral Cortex</i> , 2016, 26, 3719-3731.	2.9	29
18	The Cortical Representation of Objects Rotating in Depth. <i>Journal of Neuroscience</i> , 2007, 27, 3864-3874.	3.6	27

#	ARTICLE	IF	CITATIONS
19	Auditory Motion Capturing Ambiguous Visual Motion. <i>Frontiers in Psychology</i> , 2012, 2, 391.	2.1	12
20	Orientation-selective functional magnetic resonance imaging adaptation in primary visual cortex revisited. <i>Human Brain Mapping</i> , 2012, 33, 707-714.	3.6	10
21	Investigating human audio-visual object perception with a combination of hypothesis-generating and hypothesis-testing fMRI analysis tools. <i>Experimental Brain Research</i> , 2011, 213, 309-320.	1.5	9
22	Differential recruitment of brain networks during visuospatial and color processing: Evidence from ERP microstates. <i>Neuroscience</i> , 2015, 305, 128-138.	2.3	8
23	V1 surface size predicts GABA concentration in medial occipital cortex. <i>NeuroImage</i> , 2016, 124, 654-662.	4.2	8
24	Feature-Based Attention Affects Direction-Selective fMRI Adaptation in hMT+. <i>Cerebral Cortex</i> , 2013, 23, 2169-2178.	2.9	4