

# Marc Himmelbach

## List of Publications by Year in descending order

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Version: 2024-02-01

51  
papers

2,829  
citations

331259

21  
h-index

205818

48  
g-index

52  
all docs

52  
docs citations

52  
times ranked

3140  
citing authors

#	ARTICLE	IF	CITATIONS
1	Spatial awareness is a function of the temporal not the posterior parietal lobe. <i>Nature</i> , 2001, 411, 950-953.	13.7	799
2	The subcortical anatomy of human spatial neglect: putamen, caudate nucleus and pulvinar. <i>Brain</i> , 2002, 125, 350-360.	3.7	433
3	Direct electrical stimulation of human cortex â€” the gold standard for mapping brain functions?. <i>Nature Reviews Neuroscience</i> , 2012, 13, 63-70.	4.9	313
4	Dorsal and Ventral Stream Interaction: Contributions from Optic Ataxia. <i>Journal of Cognitive Neuroscience</i> , 2005, 17, 632-640.	1.1	136
5	The Anatomy of Object Recognitionâ€”Visual Form Agnosia Caused by Medial Occipitotemporal Stroke. <i>Journal of Neuroscience</i> , 2009, 29, 5854-5862.	1.7	122
6	The cortical substrate of visual extinction. <i>NeuroReport</i> , 2003, , 437-442.	0.6	109
7	A parametric analysis of the 'rate effect' in the sensorimotor cortex: a functional magnetic resonance imaging analysis in human subjects. <i>Neuroscience Letters</i> , 1998, 252, 37-40.	1.0	101
8	Signals from the Deep: Reach-Related Activity in the Human Superior Colliculus. <i>Journal of Neuroscience</i> , 2012, 32, 13881-13888.	1.7	67
9	Exploring the visual world: The neural substrate of spatial orienting. <i>NeuroImage</i> , 2006, 32, 1747-1759.	2.1	64
10	Dissociation of reach-related and visual signals in the human superior colliculus. <i>NeuroImage</i> , 2013, 82, 61-67.	2.1	52
11	fMRI of global visual perception in simultanagnosia. <i>Neuropsychologia</i> , 2009, 47, 1173-1177.	0.7	47
12	Brain activation during immediate and delayed reaching in optic ataxia. <i>Neuropsychologia</i> , 2009, 47, 1508-1517.	0.7	45
13	The Effect of Switching between Sequential and Repetitive Movements on Cortical Activation. <i>NeuroImage</i> , 2000, 12, 528-537.	2.1	40
14	The temporo-parietal junction contributes to global gestalt perceptionâ€”evidence from studies in chess experts. <i>Frontiers in Human Neuroscience</i> , 2013, 7, 513.	1.0	33
15	Goal-Directed Hand Movements Are Not Affected by the Biased Space Representation in Spatial Neglect. <i>Journal of Cognitive Neuroscience</i> , 2003, 15, 972-980.	1.1	32
16	Fiber pathways connecting cortical areas relevant for spatial orienting and exploration. <i>Human Brain Mapping</i> , 2014, 35, 1031-1043.	1.9	31
17	Eye Proprioception Used for Visual Localization Only If in Conflict with the Oculomotor Plan. <i>Journal of Neuroscience</i> , 2012, 32, 8569-8573.	1.7	29
18	20 years later: A second look on DF's motor behaviour. <i>Neuropsychologia</i> , 2012, 50, 139-144.	0.7	28

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19	A general deficit of the "automatic pilot"™ with posterior parietal cortex lesions?. <i>Neuropsychologia</i> , 2006, 44, 2749-2756.	0.7	27
20	Guidelines and quality measures for the diagnosis of optic ataxia. <i>Frontiers in Human Neuroscience</i> , 2013, 7, 324.	1.0	24
21	Neglect-like behavior in healthy subjects. <i>Experimental Brain Research</i> , 2003, 153, 231-238.	0.7	23
22	Activation of superior colliculi in humans during visual exploration. <i>BMC Neuroscience</i> , 2007, 8, 66.	0.8	22
23	Functional neuroimaging of the oculomotor brainstem network in humans. <i>NeuroImage</i> , 2011, 57, 1116-1123.	2.1	20
24	Revisiting the cortical system for peripheral reaching at the parieto-occipital junction. <i>Cortex</i> , 2015, 64, 363-379.	1.1	19
25	Clinical assessment of dysphagia in neurodegeneration (CADN): development, validity and reliability of a bedside tool for dysphagia assessment. <i>Journal of Neurology</i> , 2017, 264, 1107-1117.	1.8	17
26	Action control is not affected by spatial neglect: A comment on Coulthard et al.. <i>Neuropsychologia</i> , 2007, 45, 1979-1981.	0.7	15
27	Perceptual grouping in the human brain: common processing of different cues. <i>NeuroReport</i> , 2008, 19, 1769-1772.	0.6	14
28	Anticipatory eye fixations reveal tool knowledge for tool interaction. <i>Experimental Brain Research</i> , 2016, 234, 2415-2431.	0.7	14
29	Comment on "Movement Intention After Parietal Cortex Stimulation in Humans". <i>Science</i> , 2010, 327, 1200-1200.	6.0	12
30	Response to Comment on "Movement Intention After Parietal Cortex Stimulation in Humans". <i>Science</i> , 2010, 327, 1200-1200.	6.0	12
31	Bilateral hand representations in human primary proprioceptive areas. <i>Neuropsychologia</i> , 2011, 49, 3383-3391.	0.7	12
32	Involvement of the TPJ Area in Processing of Novel Global Forms. <i>Journal of Cognitive Neuroscience</i> , 2015, 27, 1587-1600.	1.1	12
33	Depth-dependence of visual signals in the human superior colliculus at 9.4 T. <i>Human Brain Mapping</i> , 2017, 38, 574-587.	1.9	11
34	In-vivo quantitative structural imaging of the human midbrain and the superior colliculus at 9.4T. <i>NeuroImage</i> , 2018, 177, 117-128.	2.1	11
35	Science Discussion Topic Strategies of Lesion Localization " Reply to Marshall, Fink, Halligan and Vallar. <i>Cortex</i> , 2002, 38, 258-260.	1.1	10
36	The recognition of everyday objects changes grasp scaling. <i>Vision Research</i> , 2012, 67, 8-13.	0.7	9

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37	Hemifield coding in ventral object-sensitive areas – Evidence from visual hemiagnosia. <i>Cortex</i> , 2018, 98, 149-162.	1.1	9
38	Do patients with neglect show abnormal hand velocity profiles during tactile exploration of peripersonal space?. <i>Experimental Brain Research</i> , 1999, 128, 219-223.	0.7	8
39	Effects of arm weight and target height on hand selection: A low-cost virtual reality paradigm. <i>PLoS ONE</i> , 2019, 14, e0207326.	1.1	6
40	Visual action control does not rely on strangers – Effects of pictorial cues under monocular and binocular vision. <i>Neuropsychologia</i> , 2011, 49, 556-563.	0.7	5
41	The influence of object height on maximum grip aperture in empirical and modeled data.. <i>Journal of Experimental Psychology: Human Perception and Performance</i> , 2014, 40, 889-896.	0.7	5
42	An MR-Compatible Haptic Interface With Seven Degrees of Freedom. <i>IEEE/ASME Transactions on Mechatronics</i> , 2018, 23, 624-635.	3.7	5
43	Preserved Expert Object Recognition in a Case of Visual Hemiagnosia. <i>Journal of Cognitive Neuroscience</i> , 2018, 30, 131-143.	1.1	5
44	Effects of Pictorial Cues on Reaching Depend on the Distinctiveness of Target Objects. <i>PLoS ONE</i> , 2013, 8, e54230.	1.1	5
45	Routine Clinical Testing Underestimates Proprioceptive Deficits in Friedreich’s Ataxia. <i>Cerebellum</i> , 2013, 12, 916-922.	1.4	4
46	Memory-guided reaching in a patient with visual hemiagnosia. <i>Cortex</i> , 2016, 79, 32-41.	1.1	4
47	Spatial awareness is a function of the temporal not the posterior parietal lobe. , 0, .		3
48	Limb apraxia in acute ischemic stroke: A neglected clinical challenge?. <i>Neurocase</i> , 2014, 20, 158-162.	0.2	2
49	Optic Ataxia: A Gateway to the Human Visual Action System. , 2007, , 85-105.		2
50	Optische Ataxie. <i>Springer-Lehrbuch</i> , 2012, , 389-402.	0.1	1
51	Kortikale Kontrolle zielgerichteter Bewegungen. <i>E-Neuroforum</i> , 2004, 10, 200-205.	0.2	0