

# 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	Effects of arm weight and target height on hand selection: A low-cost virtual reality paradigm. PLoS ONE, 2019, 14, e0207326.	1.1	6
2	An MR-Compatible Haptic Interface With Seven Degrees of Freedom. IEEE/ASME Transactions on Mechatronics, 2018, 23, 624-635.	3.7	5
3	Hemifield coding in ventral object-sensitive areas – Evidence from visual hemiagnosia. Cortex, 2018, 98, 149-162.	1.1	9
4	Preserved Expert Object Recognition in a Case of Visual Hemiagnosia. Journal of Cognitive Neuroscience, 2018, 30, 131-143.	1.1	5
5	In-vivo quantitative structural imaging of the human midbrain and the superior colliculus at 9.4T. NeuroImage, 2018, 177, 117-128.	2.1	11
6	Depth-dependence of visual signals in the human superior colliculus at 9.4 T. Human Brain Mapping, 2017, 38, 574-587.	1.9	11
7	Clinical assessment of dysphagia in neurodegeneration (CADN): development, validity and reliability of a bedside tool for dysphagia assessment. Journal of Neurology, 2017, 264, 1107-1117.	1.8	17
8	Anticipatory eye fixations reveal tool knowledge for tool interaction. Experimental Brain Research, 2016, 234, 2415-2431.	0.7	14
9	Memory-guided reaching in a patient with visual hemiagnosia. Cortex, 2016, 79, 32-41.	1.1	4
10	Revisiting the cortical system for peripheral reaching at the parieto-occipital junction. Cortex, 2015, 64, 363-379.	1.1	19
11	Involvement of the TPJ Area in Processing of Novel Global Forms. Journal of Cognitive Neuroscience, 2015, 27, 1587-1600.	1.1	12
12	The influence of object height on maximum grip aperture in empirical and modeled data.. Journal of Experimental Psychology: Human Perception and Performance, 2014, 40, 889-896.	0.7	5
13	Fiber pathways connecting cortical areas relevant for spatial orienting and exploration. Human Brain Mapping, 2014, 35, 1031-1043.	1.9	31
14	Limb apraxia in acute ischemic stroke: A neglected clinical challenge?. Neurocase, 2014, 20, 158-162.	0.2	2
15	Routine Clinical Testing Underestimates Proprioceptive Deficits in Friedreich's Ataxia. Cerebellum, 2013, 12, 916-922.	1.4	4
16	Dissociation of reach-related and visual signals in the human superior colliculus. NeuroImage, 2013, 82, 61-67.	2.1	52
17	Guidelines and quality measures for the diagnosis of optic ataxia. Frontiers in Human Neuroscience, 2013, 7, 324.	1.0	24
18	The temporo-parietal junction contributes to global gestalt perception – evidence from studies in chess experts. Frontiers in Human Neuroscience, 2013, 7, 513.	1.0	33

#	ARTICLE	IF	CITATIONS
19	Effects of Pictorial Cues on Reaching Depend on the Distinctiveness of Target Objects. PLoS ONE, 2013, 8, e54230.	1.1	5
20	Eye Proprioception Used for Visual Localization Only If in Conflict with the Oculomotor Plan. Journal of Neuroscience, 2012, 32, 8569-8573.	1.7	29
21	Signals from the Deep: Reach-Related Activity in the Human Superior Colliculus. Journal of Neuroscience, 2012, 32, 13881-13888.	1.7	67
22	The recognition of everyday objects changes grasp scaling. Vision Research, 2012, 67, 8-13.	0.7	9
23	Direct electrical stimulation of human cortex â€” the gold standard for mapping brain functions?. Nature Reviews Neuroscience, 2012, 13, 63-70.	4.9	313
24	20 years later: A second look on DF's motor behaviour. Neuropsychologia, 2012, 50, 139-144.	0.7	28
25	Optische Ataxie. Springer-Lehrbuch, 2012, , 389-402.	0.1	1
26	Functional neuroimaging of the oculomotor brainstem network in humans. NeuroImage, 2011, 57, 1116-1123.	2.1	20
27	Visual action control does not rely on strangersâ€™ Effects of pictorial cues under monocular and binocular vision. Neuropsychologia, 2011, 49, 556-563.	0.7	5
28	Bilateral hand representations in human primary proprioceptive areas. Neuropsychologia, 2011, 49, 3383-3391.	0.7	12
29	Comment on â€œMovement Intention After Parietal Cortex Stimulation in Humansâ€ Science, 2010, 327, 1200-1200.	6.0	12
30	Response to Comment on â€œMovement Intention After Parietal Cortex Stimulation in Humansâ€ Science, 2010, 327, 1200-1200.	6.0	12
31	The Anatomy of Object Recognitionâ€™ Visual Form Agnosia Caused by Medial Occipitotemporal Stroke. Journal of Neuroscience, 2009, 29, 5854-5862.	1.7	122
32	fMRI of global visual perception in simultanagnosia. Neuropsychologia, 2009, 47, 1173-1177.	0.7	47
33	Brain activation during immediate and delayed reaching in optic ataxia. Neuropsychologia, 2009, 47, 1508-1517.	0.7	45
34	Perceptual grouping in the human brain: common processing of different cues. NeuroReport, 2008, 19, 1769-1772.	0.6	14
35	Activation of superior colliculi in humans during visual exploration. BMC Neuroscience, 2007, 8, 66.	0.8	22
36	Action control is not affected by spatial neglect: A comment on Coulthard et al.. Neuropsychologia, 2007, 45, 1979-1981.	0.7	15

#	ARTICLE	IF	CITATIONS
37	Optic Ataxia: A Gateway to the Human Visual Action System. , 2007, , 85-105.		2
38	Exploring the visual world: The neural substrate of spatial orienting. NeuroImage, 2006, 32, 1747-1759.	2.1	64
39	A general deficit of the "automatic pilot"™ with posterior parietal cortex lesions?. Neuropsychologia, 2006, 44, 2749-2756.	0.7	27
40	Dorsal and Ventral Stream Interaction: Contributions from Optic Ataxia. Journal of Cognitive Neuroscience, 2005, 17, 632-640.	1.1	136
41	Kortikale Kontrolle zielgerichteter Bewegungen. E-Neuroforum, 2004, 10, 200-205.	0.2	0
42	Neglect-like behavior in healthy subjects. Experimental Brain Research, 2003, 153, 231-238.	0.7	23
43	Goal-Directed Hand Movements Are Not Affected by the Biased Space Representation in Spatial Neglect. Journal of Cognitive Neuroscience, 2003, 15, 972-980.	1.1	32
44	The cortical substrate of visual extinction. NeuroReport, 2003, , 437-442.	0.6	109
45	The subcortical anatomy of human spatial neglect: putamen, caudate nucleus and pulvinar. Brain, 2002, 125, 350-360.	3.7	433
46	Science Discussion Topic Strategies of Lesion Localization " Reply to Marshall, Fink, Halligan and Vallar. Cortex, 2002, 38, 258-260.	1.1	10
47	Spatial awareness is a function of the temporal not the posterior parietal lobe. Nature, 2001, 411, 950-953.	13.7	799
48	The Effect of Switching between Sequential and Repetitive Movements on Cortical Activation. NeuroImage, 2000, 12, 528-537.	2.1	40
49	Do patients with neglect show abnormal hand velocity profiles during tactile exploration of peripersonal space?. Experimental Brain Research, 1999, 128, 219-223.	0.7	8
50	A parametric analysis of the 'rate effect' in the sensorimotor cortex: a functional magnetic resonance imaging analysis in human subjects. Neuroscience Letters, 1998, 252, 37-40.	1.0	101
51	Spatial awareness is a function of the temporal not the posterior parietal lobe. , 0, .		3