

Christoph Helmchen

List of Publications by Year in descending order

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Version: 2024-02-01

51
papers

1,121
citations

393982

19
h-index

433756

31
g-index

51
all docs

51
docs citations

51
times ranked

1103
citing authors

#	ARTICLE	IF	CITATIONS
1	Vestibular compensation: the neuro-otologist's best friend. <i>Journal of Neurology</i> , 2016, 263, 54-64.	1.8	186
2	Structural Changes in the Human Brain following Vestibular Neuritis Indicate Central Vestibular Compensation. <i>Annals of the New York Academy of Sciences</i> , 2009, 1164, 104-115.	1.8	63
3	Hippocampal gray matter volume in bilateral vestibular failure. <i>Human Brain Mapping</i> , 2016, 37, 1998-2006.	1.9	54
4	Changes in resting-state fMRI in vestibular neuritis. <i>Brain Structure and Function</i> , 2014, 219, 1889-1900.	1.2	48
5	Altered resting-state functional connectivity in patients with chronic bilateral vestibular failure. <i>NeuroImage: Clinical</i> , 2014, 4, 488-499.	1.4	43
6	Structural brain changes following peripheral vestibulo-cochlear lesion may indicate multisensory compensation. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2011, 82, 309-316.	0.9	41
7	Dystonia, lower limb stiffness, and upward gaze palsy in a patient with IgLON5 antibodies. <i>Movement Disorders</i> , 2016, 31, 762-764.	2.2	41
8	Postural Control in Bilateral Vestibular Failure: Its Relation to Visual, Proprioceptive, Vestibular, and Cognitive Input. <i>Frontiers in Neurology</i> , 2017, 8, 444.	1.1	40
9	Neural activity related to self- versus externally generated painful stimuli reveals distinct differences in the lateral pain system in a parametric fMRI study. <i>Human Brain Mapping</i> , 2006, 27, 755-765.	1.9	39
10	Clinical spectrum of the pentanucleotide repeat expansion in the <i>RFC1</i> gene in ataxia syndromes. <i>Neurology</i> , 2020, 95, e2912-e2923.	1.5	32
11	Eye movements during REM sleep and imagination of visual scenes. <i>NeuroReport</i> , 2010, 21, 45-49.	0.6	31
12	Role of anticipation and prediction in smooth pursuit eye movement control in Parkinson's disease. <i>Movement Disorders</i> , 2012, 27, 1012-1018.	2.2	31
13	Acute bilateral optic/chiasm neuritis with longitudinal extensive transverse myelitis in longstanding stable multiple sclerosis following vector-based vaccination against the SARS-CoV-2. <i>Journal of Neurology</i> , 2022, 269, 49-54.	1.8	29
14	Usability of the head impulse test in routine clinical practice in the emergency department to differentiate vestibular neuritis from stroke. <i>European Journal of Neurology</i> , 2021, 28, 1737-1744.	1.7	29
15	Increased brain responsivity to galvanic vestibular stimulation in bilateral vestibular failure. <i>NeuroImage: Clinical</i> , 2019, 24, 101942.	1.4	27
16	Effect of 3,4-Diaminopyridine on the Postural Control in Patients with Downbeat Nystagmus. <i>Annals of the New York Academy of Sciences</i> , 2005, 1039, 395-403.	1.8	25
17	Risk of acute brain lesions in dizzy patients presenting to the emergency room: who needs imaging and who does not?. <i>Journal of Neurology</i> , 2020, 267, 126-135.	1.8	23
18	Consensus on Virtual Management of Vestibular Disorders: Urgent Versus Expedited Care. <i>Cerebellum</i> , 2021, 20, 4-8.	1.4	22

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19	Beneficial effects of 3,4-diaminopyridine on positioning downbeat nystagmus in a circumscribed uvulo-nodular lesion. <i>Journal of Neurology</i> , 2007, 254, 1126-1128.	1.8	21
20	The role of prediction and anticipation on age-related effects on smooth pursuit eye movements. <i>Annals of the New York Academy of Sciences</i> , 2011, 1233, 168-176.	1.8	20
21	Effect of 4-aminopyridine on gravity dependence and neural integrator function in patients with idiopathic downbeat nystagmus. <i>Journal of Neurology</i> , 2011, 258, 618-622.	1.8	19
22	Dissociable cerebellar activity during spatial navigation and visual memory in bilateral vestibular failure. <i>Neuroscience</i> , 2015, 305, 257-267.	1.1	18
23	Effects of galvanic vestibular stimulation on resting state brain activity in patients with bilateral vestibulopathy. <i>Human Brain Mapping</i> , 2020, 41, 2527-2547.	1.9	18
24	What guides decision-making on intravenous thrombolysis in acute vestibular syndrome and suspected ischemic stroke in the posterior circulation?. <i>Journal of Neurology</i> , 2021, 268, 249-264.	1.8	18
25	Visual and non-visual motion information processing during pursuit eye tracking in schizophrenia and bipolar disorder. <i>European Archives of Psychiatry and Clinical Neuroscience</i> , 2017, 267, 225-235.	1.8	17
26	Postural Ataxia in Cerebellar Downbeat Nystagmus: Its Relation to Visual, Proprioceptive and Vestibular Signals and Cerebellar Atrophy. <i>PLoS ONE</i> , 2017, 12, e0168808.	1.1	16
27	Postural control during galvanic vestibular stimulation in patients with persistent perceptual postural dizziness. <i>Journal of Neurology</i> , 2019, 266, 1236-1249.	1.8	15
28	Effects of perceptible and imperceptible galvanic vestibular stimulation on the postural control of patients with bilateral vestibulopathy. <i>Journal of Neurology</i> , 2020, 267, 2383-2397.	1.8	14
29	Common neural systems for contact heat and laser pain stimulation reveal higher-level pain processing. <i>Human Brain Mapping</i> , 2008, 29, 1080-1091.	1.9	13
30	Behavioral deficits in left hemispatial neglect are related to a reduction of spontaneous neuronal activity in the right superior parietal lobule. <i>Neuropsychologia</i> , 2020, 138, 107356.	0.7	13
31	Role of the Patient's History of Vestibular Symptoms in the Clinical Evaluation of the Bedside Head-Impulse Test. <i>Frontiers in Neurology</i> , 2017, 8, 51.	1.1	12
32	Eye movement deficits in X-linked dystonia-parkinsonism are related to striatal degeneration. <i>Parkinsonism and Related Disorders</i> , 2019, 61, 170-178.	1.1	12
33	Itch Relief by Mirror Scratching. A Psychophysical Study. <i>PLoS ONE</i> , 2013, 8, e82756.	1.1	11
34	A Simple Gain-Based Evaluation of the Video Head Impulse Test Reliably Detects Normal Vestibulo-Ocular Reflex Indicative of Stroke in Patients With Acute Vestibular Syndrome. <i>Frontiers in Neurology</i> , 2021, 12, 741859.	1.1	11
35	Predictive mechanisms improve the vestibulo-ocular reflex in patients with bilateral vestibular failure. <i>Journal of Neurology</i> , 2014, 261, 628-631.	1.8	10
36	<i>CtNPTX1</i> mutations trigger endoplasmic reticulum stress and cause autosomal dominant cerebellar ataxia. <i>Brain</i> , 2022, 145, 1519-1534.	3.7	10

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37	The Role of the Fastigial Nucleus in Saccadic Eye Oscillations. <i>Annals of the New York Academy of Sciences</i> , 2003, 1004, 229-240.	1.8	7
38	Different saccadic abnormalities in PINK1 mutation carriers and in patients with non-genetic Parkinson's disease. <i>Journal of Neurology</i> , 2009, 256, 1192-1194.	1.8	6
39	Acquired pendular nystagmus and its therapy in progressive supranuclear palsy (PSP) due to inferior olivary hypertrophy. <i>Journal of Neurology</i> , 2013, 260, 2424-2426.	1.8	5
40	Inverse eye position dependency of downbeat nystagmus in midline medullary lesion. <i>Journal of Neurology</i> , 2013, 260, 2908-2910.	1.8	5
41	Deprivation and Recovery of Sleep in Succession Enhances Reflexive Motor Behavior. <i>Cerebral Cortex</i> , 2015, 25, 4610-4618.	1.6	5
42	Bilateral vestibulopathy in anti-IgLON5 disease. <i>Journal of Neurology</i> , 2021, 268, 1114-1116.	1.8	5
43	Current state of diagnostic management of acute vertigo: a survey of neurologists in Germany. <i>Journal of Neurology</i> , 2014, 261, 1638-1640.	1.8	4
44	Unbalancing the Attentional Priority Map via Gaze-Contingent Displays Induces Neglect-Like Visual Exploration. <i>Frontiers in Human Neuroscience</i> , 2020, 14, 41.	1.0	4
45	Cerebellar ataxia with unilateral high frequency vestibulopathy and caloric disinhibition. <i>Journal of the Neurological Sciences</i> , 2015, 358, 527-529.	0.3	2
46	Postural control during recall of vestibular sensation in patients with functional dizziness and unilateral vestibulopathy. <i>Journal of Neurology</i> , 2017, 264, 42-44.	1.8	2
47	Downbeat Nystagmus Is Abolished by Alcohol in Nonalcoholic Wernicke Encephalopathy. <i>Neurology: Clinical Practice</i> , 0, , 10.1212/CPJ.0000000000001138.	0.8	2
48	NPTX1-related oculomotor apraxia: an intra-hemispheric disconnection disorder. <i>Journal of Neurology</i> , 2022, 269, 3931-3936.	1.8	2
49	Binocular Vertical&Torsional Spontaneous Nystagmus in a Midbrain Lesion Involving the Interstitial Nucleus of Cajal Indicates a Vestibular Imbalance of Vertical Semicircular Canals. <i>Annals of the New York Academy of Sciences</i> , 2003, 1004, 478-481.	1.8	0
50	Therapie von Augenbewegungsst&Trrungen. <i>Neurophysiologie-Labor</i> , 2008, 30, 98-105.	0.0	0
51	Monocular patching attenuates vertical nystagmus in Wernicke's Encephalopathy via release of activity in subcortical visual pathways. <i>Movement Disorders Clinical Practice</i> , 0, , .	0.8	0