

Thomas Nyffeler

List of Publications by Year in descending order

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Version: 2024-02-01

106
papers

5,443
citations

212478

28
h-index

104191

69
g-index

112
all docs

112
docs citations

112
times ranked

6161
citing authors

#	ARTICLE	IF	CITATIONS
1	Auditory spatial cueing reduces neglect after right-hemispheric stroke: A proof of concept study. <i>Cortex</i> , 2022, 148, 152-167.	1.1	13
2	Visual Neglect after PICA Stroke – A Case Study. <i>Brain Sciences</i> , 2022, 12, 290.	1.1	5
3	Development and Validation of the Short-LIMOS for the Acute Stroke Unit – A Short Version of the Lucerne ICF-Based Multidisciplinary Observation Scale. <i>Frontiers in Rehabilitation Sciences</i> , 2022, 3, .	0.5	1
4	Effects of Virtual Reality – Based Multimodal Audio-Tactile Cueing in Patients With Spatial Attention Deficits: Pilot Usability Study. <i>JMIR Serious Games</i> , 2022, 10, e34884.	1.7	3
5	Tablet app-based dexterity-training in patients with Parkinson's disease: Pilot feasibility study. <i>Annals of Physical and Rehabilitation Medicine</i> , 2021, 64, 101419.	1.1	3
6	Video-Oculography During Free Visual Exploration to Detect Right Spatial Neglect in Left-Hemispheric Stroke Patients With Aphasia: A Feasibility Study. <i>Frontiers in Neuroscience</i> , 2021, 15, 640049.	1.4	4
7	Non-invasive brain stimulation in limb praxis and apraxia: A scoping review in healthy subjects and patients with stroke. <i>Cortex</i> , 2021, 138, 152-164.	1.1	5
8	Development of a Search Task Using Immersive Virtual Reality: Proof-of-Concept Study. <i>JMIR Serious Games</i> , 2021, 9, e29182.	1.7	16
9	Anterior insula and inferior frontal gyrus: where ventral and dorsal visual attention systems meet. <i>Brain Communications</i> , 2021, 3, fcaa220.	1.5	23
10	Visual Neglect After an Isolated Lesion of the Superior Colliculus. <i>JAMA Neurology</i> , 2021, 78, 1531.	4.5	6
11	Evidence-based guidelines on the therapeutic use of repetitive transcranial magnetic stimulation (rTMS): An update (2014 – 2018). <i>Clinical Neurophysiology</i> , 2020, 131, 474-528.	0.7	1,017
12	Interhemispheric facilitation of gesturing: A combined theta burst stimulation and diffusion tensor imaging study. <i>Brain Stimulation</i> , 2020, 13, 457-463.	0.7	14
13	Investigating a new tablet-based telerehabilitation app in patients with aphasia: a randomised, controlled, evaluator-blinded, multicentre trial protocol. <i>BMJ Open</i> , 2020, 10, e037702.	0.8	6
14	Can I Discharge My Stroke Patient Home After Inpatient Neurorehabilitation? LIMOS Cut-Off Scores for Stroke Patients – Living Alone – and – Living With Family –. <i>Frontiers in Neurology</i> , 2020, 11, 601725.	1.1	6
15	Test-Retest-Reliability of Video-Oculography During Free Visual Exploration in Right-Hemispheric Stroke Patients With Neglect. <i>Frontiers in Neuroscience</i> , 2020, 14, 731.	1.4	6
16	Eyetracking during free visual exploration detects neglect more reliably than paper-pencil tests. <i>Cortex</i> , 2020, 129, 223-235.	1.1	34
17	Immersive 3D Virtual Reality Cancellation Task for Visual Neglect Assessment: A Pilot Study. <i>Frontiers in Human Neuroscience</i> , 2020, 14, 180.	1.0	28
18	Feasibility of a Home-Based Tablet App for Dexterity Training in Multiple Sclerosis: Usability Study. <i>JMIR MHealth and UHealth</i> , 2020, 8, e18204.	1.8	9

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19	Validity of screening instruments for the detection of dementia and mild cognitive impairment in hospital inpatients: A systematic review of diagnostic accuracy studies. <i>PLoS ONE</i> , 2019, 14, e0219569.	1.1	21
20	Patient-tailored multimodal neurorehabilitation: The Lucerne model. <i>Clinical and Translational Neuroscience</i> , 2019, 3, 2514183X1987507.	0.4	2
21	Comprehensive ADL Outcome Measurement after Stroke: Rasch Validation of the Lucerne ICF-Based Multidisciplinary Observation Scale (LIMOS). <i>Archives of Physical Medicine and Rehabilitation</i> , 2019, 100, 2314-2323.	0.5	10
22	cTBS over contralesional homologue areas deteriorates speech output in isolated apraxia of speech after stroke. <i>Brain Stimulation</i> , 2019, 12, 1069-1071.	0.7	1
23	Theta burst stimulation in neglect after stroke: functional outcome and response variability origins. <i>Brain</i> , 2019, 142, 992-1008.	3.7	69
24	Re-fixation and perseveration patterns in neglect patients during free visual exploration. <i>European Journal of Neuroscience</i> , 2019, 49, 1244-1253.	1.2	22
25	Visual Exploration Area in Neglect: A New Analysis Method for Video-Oculography Data Based on Foveal Vision. <i>Frontiers in Neuroscience</i> , 2019, 13, 1412.	1.4	16
26	The Impact of Cognitive Load on the Spatial Deployment of Visual Attention: Testing the Role of Interhemispheric Balance With Biparietal Transcranial Direct Current Stimulation. <i>Frontiers in Neuroscience</i> , 2019, 13, 1391.	1.4	5
27	Therapist-Guided Tablet-Based Telerehabilitation for Patients With Aphasia: Proof-of-Concept and Usability Study. <i>JMIR Rehabilitation and Assistive Technologies</i> , 2019, 6, e13163.	1.1	26
28	The spatial distribution of perseverations in neglect patients during a nonverbal fluency task depends on the integrity of the right putamen. <i>Neuropsychologia</i> , 2018, 115, 42-50.	0.7	12
29	Marriage and Partnership Integrity After Aneurysmal Subarachnoid Hemorrhage: Small Alterations in Neurologic Status Matter Most. <i>World Neurosurgery</i> , 2018, 113, e161-e165.	0.7	0
30	Multimodal Communication in Aphasia: Perception and Production of Co-speech Gestures During Face-to-Face Conversation. <i>Frontiers in Human Neuroscience</i> , 2018, 12, 200.	1.0	20
31	Teaching Video NeuroImages: Posterior territory stroke with parahippocampal involvement. <i>Neurology</i> , 2018, 90, e2181.	1.5	0
32	Attentional reorienting triggers spatial asymmetries in a search task with cross-modal spatial cueing. <i>PLoS ONE</i> , 2018, 13, e0190677.	1.1	4
33	The Influence of Alertness on the Spatial Deployment of Visual Attention is Mediated by the Excitability of the Posterior Parietal Cortices. <i>Cerebral Cortex</i> , 2017, 27, 233-243.	1.6	10
34	Posterior fossa syndrome with a large inflammatory ponto-mesencephalic lesion. <i>Brain and Cognition</i> , 2017, 111, 107-111.	0.8	3
35	Screening for Language Disorders in Stroke: German Validation of the Language Screening Test (LAST). <i>Cerebrovascular Diseases Extra</i> , 2017, 6, 27-31.	0.5	11
36	Home based training for dexterity in Parkinson's disease: A randomized controlled trial. <i>Parkinsonism and Related Disorders</i> , 2017, 41, 92-98.	1.1	44

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37	Spatial Neglect Predicts Upper Limb Use in the Activities of Daily Living. <i>Cerebrovascular Diseases</i> , 2017, 44, 122-127.	0.8	21
38	Contralesional Trunk Rotation Dissociates Real vs. Pseudo-Visual Field Defects due to Visual Neglect in Stroke Patients. <i>Frontiers in Neurology</i> , 2017, 8, 411.	1.1	8
39	Usability of Videogame-Based Dexterity Training in the Early Rehabilitation Phase of Stroke Patients: A Pilot Study. <i>Frontiers in Neurology</i> , 2017, 8, 654.	1.1	58
40	Transcranial magnetic stimulation (TMS) inhibits cortical dendrites. <i>ELife</i> , 2016, 5, .	2.8	86
41	The Responsiveness of the Lucerne ICF-Based Multidisciplinary Observation Scale: A Comparison with the Functional Independence Measure and the Barthel Index. <i>Frontiers in Neurology</i> , 2016, 7, 152.	1.1	25
42	Comprehension of Co-Speech Gestures in Aphasic Patients: An Eye Movement Study. <i>PLoS ONE</i> , 2016, 11, e0146583.	1.1	12
43	The Impact of Language Opacity and Proficiency on Reading Strategies in Bilinguals: An Eye Movement Study. <i>Frontiers in Psychology</i> , 2016, 7, 649.	1.1	8
44	The modulation of reading strategies by language opacity in early bilinguals: an eye movement study. <i>Bilingualism</i> , 2016, 19, 567-577.	1.0	10
45	The influence of naturalistic, directionally non-specific motion on the spatial deployment of visual attention in right-hemispheric stroke. <i>Neuropsychologia</i> , 2016, 92, 181-189.	0.7	12
46	Cognitive Impairment in Multiple Sclerosis: Clinical Manifestation, Neuroimaging Correlates, and Treatment. <i>Seminars in Neurology</i> , 2016, 36, 203-211.	0.5	18
47	Reliability and validity of a new dexterity questionnaire (DextQ-24) in Parkinson's disease. <i>Parkinsonism and Related Disorders</i> , 2016, 33, 78-83.	1.1	23
48	Theta burst stimulation over premotor cortex in Parkinson's disease: an explorative study on manual dexterity. <i>Journal of Neural Transmission</i> , 2016, 123, 1387-1393.	1.4	6
49	Eye Gaze Behavior at Turn Transition: How Aphasic Patients Process Speakers' Turns during Video Observation. <i>Journal of Cognitive Neuroscience</i> , 2016, 28, 1613-1624.	1.1	4
50	Impaired everyday gestural communication in apraxia: A reliable and valid short scale. <i>International Journal of Stroke</i> , 2016, 11, NP11-NP12.	2.9	1
51	Limbâ€kinetic apraxia affects activities of daily living in Parkinson's disease: a multiâ€center study. <i>European Journal of Neurology</i> , 2016, 23, 1301-1307.	1.7	54
52	The asymmetrical influence of increasing time-on-task on attentional disengagement. <i>Neuropsychologia</i> , 2016, 92, 107-114.	0.7	9
53	Street crossing behavior in younger and older pedestrians: an eye- and head-tracking study. <i>BMC Geriatrics</i> , 2015, 15, 176.	1.1	66
54	Cathodal HD-tDCS on the right V5 improves motion perception in humans. <i>Frontiers in Behavioral Neuroscience</i> , 2015, 9, 257.	1.0	40

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55	Validation of the New Lucerne ICF Based Multidisciplinary Observation Scale (LIMOS) for Stroke Patients. PLoS ONE, 2015, 10, e0130925.	1.1	21
56	Higher visual functions in the upper and lower visual fields: A pilot study in healthy subjects. , 2015, 2522-5.		2
57	Balanced bilinguals favor lexical processing in their opaque language and conversion system in their shallow language. Brain and Language, 2015, 150, 166-176.	0.8	14
58	Theta burst stimulation improves overt visual search in spatial neglect independently of attentional load. Cortex, 2015, 73, 317-329.	1.1	25
59	Different visual exploration of tool-related gestures in left hemisphere brain damaged patients is associated with poor gestural imitation. Neuropsychologia, 2015, 71, 158-164.	0.7	6
60	Age-dependent visual exploration during simulated day- and night driving on a motorway: a cross-sectional study. BMC Geriatrics, 2015, 15, 18.	1.1	18
61	Adapting a Driving Simulator to Study Pedestriansâ€™ Street-Crossing Decisions: A Feasibility Study. Assistive Technology, 2015, 27, 1-8.	1.2	11
62	Enhancing treatment effects by combining continuous theta burst stimulation with smooth pursuit training. Neuropsychologia, 2015, 74, 145-151.	0.7	30
63	The role of the right frontal eye field in overt visual attention deployment as assessed by free visual exploration. Neuropsychologia, 2015, 74, 37-41.	0.7	16
64	Perception of co-speech gestures in aphasic patients: A visual exploration study during the observation of dyadic conversations. Cortex, 2015, 64, 157-168.	1.1	14
65	Continuous Theta Burst Stimulation over the Left Dorsolateral Prefrontal Cortex Decreases Medium Load Working Memory Performance in Healthy Humans. PLoS ONE, 2015, 10, e0120640.	1.1	40
66	Neglect and Motion Stimuli â€“ Insights from a Touchscreen-Based Cancellation Task. PLoS ONE, 2015, 10, e0132025.	1.1	8
67	Cue Recognition and Integration â€“ Eye Tracking Evidence of Processing Differences in Sentence Comprehension in Aphasia. PLoS ONE, 2015, 10, e0142853.	1.1	16
68	Eye Movements Discriminate Fatigue Due to Chronotypical Factors and Time Spent on Task â€“ A Double Dissociation. PLoS ONE, 2014, 9, e87146.	1.1	35
69	Effects of age and eccentricity on visual target detection. Frontiers in Aging Neuroscience, 2014, 5, 101.	1.7	17
70	In your eyes only: deficits in executive functioning after frontal TMS reflect in eye movements. Frontiers in Behavioral Neuroscience, 2014, 8, 7.	1.0	6
71	Application of LSVT BIG Intervention to Address Gait, Balance, Bed Mobility, and Dexterity in People With Parkinson Disease: A Case Series. Physical Therapy, 2014, 94, 1014-1023.	1.1	51
72	Motor threshold predicts working memory performance in healthy humans. Annals of Clinical and Translational Neurology, 2014, 1, 69-73.	1.7	8

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73	Development and evaluation of a new instrument to measure visual exploration behavior. <i>Medical Engineering and Physics</i> , 2014, 36, 490-495.	0.8	4
74	A new method to measure higher visual functions in an immersive environment. <i>BioMedical Engineering OnLine</i> , 2014, 13, 104.	1.3	4
75	Left posterior parietal theta burst stimulation affects gestural imitation regardless of semantic content. <i>Clinical Neurophysiology</i> , 2014, 125, 457-462.	0.7	13
76	Evidence-based guidelines on the therapeutic use of repetitive transcranial magnetic stimulation (rTMS). <i>Clinical Neurophysiology</i> , 2014, 125, 2150-2206.	0.7	1,647
77	Network mechanisms of responsiveness to continuous theta-burst stimulation. <i>European Journal of Neuroscience</i> , 2013, 38, 3230-3238.	1.2	31
78	Non-Invasive Brain Stimulation in Neglect Rehabilitation: An Update. <i>Frontiers in Human Neuroscience</i> , 2013, 7, 248.	1.0	53
79	The Frontal Eye Field Is Involved in Visual Vector Inversion in Humans – A Theta Burst Stimulation Study. <i>PLoS ONE</i> , 2013, 8, e83297.	1.1	13
80	Theta Burst Stimulation Over the Right Broca's Homologue Induces Improvement of Naming in Aphasic Patients. <i>Stroke</i> , 2012, 43, 2175-2179.	1.0	58
81	Theta burst stimulation reduces disability during the activities of daily living in spatial neglect. <i>Brain</i> , 2012, 135, 3426-3439.	3.7	141
82	Clinical assessment of deficits after SAH: hasty neurosurgeons and accurate neurologists. <i>Journal of Neurology</i> , 2012, 259, 2198-2201.	1.8	7
83	Unmasking the contribution of low-level features to the guidance of attention. <i>Neuropsychologia</i> , 2012, 50, 3478-3487.	0.7	20
84	Spontaneous recovery of visually-triggered saccades after focal lesions of the frontal and parietal eye fields: A combined longitudinal oculomotor and fMRI study. <i>Clinical Neurophysiology</i> , 2011, 122, 1203-1210.	0.7	7
85	Interference with gesture production by theta burst stimulation over left inferior frontal cortex. <i>Clinical Neurophysiology</i> , 2011, 122, 1197-1202.	0.7	35
86	Vertical bias in neglect: A question of time?. <i>Neuropsychologia</i> , 2011, 49, 2369-2374.	0.7	23
87	Treatment of hemispatial neglect by means of rTMS – a review. <i>Restorative Neurology and Neuroscience</i> , 2010, 28, 499-510.	0.4	46
88	One Session of Repeated Parietal Theta Burst Stimulation Trains Induces Long-Lasting Improvement of Visual Neglect. <i>Stroke</i> , 2009, 40, 2791-2796.	1.0	175
89	Linking physiology with behaviour: Functional specialisation of the visual field is reflected in gaze patterns during visual search. <i>Vision Research</i> , 2009, 49, 237-248.	0.7	22
90	Visual exploration pattern in hemineglect. <i>Psychological Research</i> , 2009, 73, 147-157.	1.0	50

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91	Interhemispheric balance of overt attention: a theta burst stimulation study. <i>European Journal of Neuroscience</i> , 2009, 29, 1271-1276.	1.2	65
92	Horizontal and vertical dimensions of visual extinction: a theta burst stimulation study. <i>Neuroscience</i> , 2009, 164, 1609-1614.	1.1	29
93	Neglect-like visual exploration behaviour after theta burst transcranial magnetic stimulation of the right posterior parietal cortex. <i>European Journal of Neuroscience</i> , 2008, 27, 1809-1813.	1.2	102
94	Visual vector inversion during memory antisaccades – a TMS study. <i>Progress in Brain Research</i> , 2008, 171, 429-432.	0.9	14
95	Visual vector inversion in the posterior parietal cortex. <i>NeuroReport</i> , 2007, 18, 917-920.	0.6	22
96	Inhibitory control of the human dorsolateral prefrontal cortex during the anti-saccade paradigm – a transcranial magnetic stimulation study. <i>European Journal of Neuroscience</i> , 2007, 26, 1381-1385.	1.2	42
97	Repetitive TMS over the human oculomotor cortex: Comparison of 1-Hz and theta burst stimulation. <i>Neuroscience Letters</i> , 2006, 409, 57-60.	1.0	136
98	One-Hertz transcranial magnetic stimulation over the frontal eye field induces lasting inhibition of saccade triggering. <i>NeuroReport</i> , 2006, 17, 273-275.	0.6	32
99	Cortical reorganization after brain damage: the oculomotor model. <i>European Journal of Neuroscience</i> , 2006, 23, 1397-1402.	1.2	11
100	Extending lifetime of plastic changes in the human brain. <i>European Journal of Neuroscience</i> , 2006, 24, 2961-2966.	1.2	120
101	The role of the human posterior parietal cortex in memory-guided saccade execution: a double-pulse transcranial magnetic stimulation study. <i>European Journal of Neuroscience</i> , 2005, 22, 535-538.	1.2	6
102	Alloentric and Egocentric Spatial Impairments in a Case of Topographical Disorientation. <i>Cortex</i> , 2005, 41, 133-143.	1.1	26
103	Single-pulse transcranial magnetic stimulation over the frontal eye field can facilitate and inhibit saccade triggering. <i>European Journal of Neuroscience</i> , 2004, 20, 2240-2244.	1.2	25
104	Residual oculomotor and exploratory deficits in patients with recovered hemineglect. <i>Neuropsychologia</i> , 2004, 42, 1203-1211.	0.7	48
105	Information processing in long delay memory-guided saccades: further insights from TMS. <i>Experimental Brain Research</i> , 2004, 154, 109-112.	0.7	23
106	Time-dependent hierarchical organization of spatial working memory: a transcranial magnetic stimulation study. <i>European Journal of Neuroscience</i> , 2002, 16, 1823-1827.	1.2	22