

# Nachum Soroker

## List of Publications by Year in descending order

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Version: 2024-02-01

106  
papers

3,888  
citations

136950

32  
h-index

133252

59  
g-index

110  
all docs

110  
docs citations

110  
times ranked

3669  
citing authors

#	ARTICLE	IF	CITATIONS
1	Exercise intensity of the upper limb can be enhanced using a virtual rehabilitation system. <i>Disability and Rehabilitation: Assistive Technology</i> , 2022, 17, 100-106.	2.2	12
2	Verbal tagging can impair memory of object location: Evidence from aphasia. <i>Neuropsychologia</i> , 2022, 167, 108162.	1.6	0
3	Shared and distinct voxel-based lesion-symptom mappings for spasticity and impaired movement in the hemiparetic upper limb. <i>Scientific Reports</i> , 2022, 12, .	3.3	3
4	Characteristics of upper-extremity reactions to sudden lateral loss of balance in persons with stroke. <i>Clinical Biomechanics</i> , 2021, 82, 105255.	1.2	0
5	Stroke Lesion Impact on Lower Limb Function. <i>Frontiers in Human Neuroscience</i> , 2021, 15, 592975.	2.0	18
6	Effect of post-stroke spasticity on voluntary movement of the upper limb. <i>Journal of NeuroEngineering and Rehabilitation</i> , 2021, 18, 81.	4.6	11
7	Tonic stretch reflex threshold as a measure of spasticity after stroke: Reliability, minimal detectable change and responsiveness. <i>Clinical Neurophysiology</i> , 2021, 132, 1226-1233.	1.5	14
8	Unilateral Spatial Neglect without Hemiplegia: The Output-Mode Effect Revisited. <i>Journal of Stroke and Cerebrovascular Diseases</i> , 2021, 30, 105777.	1.6	0
9	Temporal But Not Spatial Gait Parameters Associated With Lower Balance Capacity in Moderate-High Functioning Persons With Stroke. <i>Journal of Neurologic Physical Therapy</i> , 2021, 45, 301-309.	1.4	6
10	Working Memory in Unilateral Spatial Neglect: Evidence for Impaired Binding of Object Identity and Object Location. <i>Journal of Cognitive Neuroscience</i> , 2021, 33, 46-62.	2.3	8
11	Lesion-behaviour mapping reveals multifactorial neurocognitive processes in recognition memory for unfamiliar faces. <i>Neuropsychologia</i> , 2021, 163, 108078.	1.6	5
12	Motor learning in hemi-Parkinson using VR-manipulated sensory feedback. <i>Disability and Rehabilitation: Assistive Technology</i> , 2020, , 1-13.	2.2	5
13	Lesion Topography Impact on Shoulder Abduction and Finger Extension Following Left and Right Hemispheric Stroke. <i>Frontiers in Human Neuroscience</i> , 2020, 14, 282.	2.0	5
14	Characteristics of proactive balance and gait performance in subacute stroke patients demonstrating varying reactive balance capacity: A research study. <i>NeuroRehabilitation</i> , 2020, 46, 491-500.	1.3	2
15	Resting-state EEG topographies: Reliable and sensitive signatures of unilateral spatial neglect. <i>NeuroImage: Clinical</i> , 2020, 26, 102237.	2.7	9
16	Lesion configuration effect on stroke-related cardiac autonomic dysfunction. <i>Brain Research</i> , 2020, 1733, 146711.	2.2	6
17	Lesion location impact on functional recovery of the hemiparetic upper limb. <i>PLoS ONE</i> , 2019, 14, e0219738.	2.5	25
18	Insufficient Balance Recovery Following Unannounced External Perturbations in Persons With Stroke. <i>Neurorehabilitation and Neural Repair</i> , 2019, 33, 730-739.	2.9	11

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19	Changes in mu and beta amplitude of the EEG during upper limb movement correlate with motor impairment and structural damage in subacute stroke. <i>Clinical Neurophysiology</i> , 2019, 130, 1644-1651.	1.5	31
20	Analysis of Brain Lesion Impact on Balance and Gait Following Stroke. <i>Frontiers in Human Neuroscience</i> , 2019, 13, 149.	2.0	21
21	Effects of Perturbation-Based Balance Training in Subacute Persons With Stroke: A Randomized Controlled Trial. <i>Neurorehabilitation and Neural Repair</i> , 2019, 33, 213-224.	2.9	45
22	Relationship Between Spasticity and Upper-Limb Movement Disorders in Individuals With Subacute Stroke Using Stochastic Spatiotemporal Modeling. <i>Neurorehabilitation and Neural Repair</i> , 2019, 33, 141-152.	2.9	8
23	Exercise intensity is increased during upper limb movement training using a virtual rehabilitation system. , 2019, , .		2
24	Perceiving Category Set Statistics On-the-fly. <i>Journal of Vision</i> , 2019, 19, 225a.	0.3	3
25	The cardiac autonomic nervous system response to different daily demands among patients at the sub-acute phase post ischemic stroke and healthy controls. <i>NeuroRehabilitation</i> , 2018, 42, 391-396.	1.3	7
26	Comparing set summary statistics and outlier pop out in vision. <i>Journal of Vision</i> , 2018, 18, 12.	0.3	22
27	Measures of Reactive Balance Capacity and Fall Risk Post Stroke. <i>Archives of Physical Medicine and Rehabilitation</i> , 2018, 99, e7.	0.9	0
28	Neurophysiological effects of mirror visual feedback in stroke patients with unilateral hemispheric damage. <i>Brain Research</i> , 2018, 1700, 170-180.	2.2	21
29	Personalized upper limb training combined with anodal-tDCS for sensorimotor recovery in spastic hemiparesis: study protocol for a randomized controlled trial. <i>Trials</i> , 2018, 19, 7.	1.6	12
30	Phasic alerting combined with visual spatial training: a novel therapeutic approach for unilateral spatial neglect. <i>International Physical Medicine &amp; Rehabilitation Journal</i> , 2018, 3, .	0.1	1
31	Association between cardiac autonomic control and cognitive performance among patients post stroke and age-matched healthy controls”an exploratory pilot study. <i>Neurological Sciences</i> , 2017, 38, 2037-2043.	1.9	13
32	Autonomic Cardiac Response to Static and Dynamic Muscle Contractions in Post-Stroke and Healthy Subjects. <i>European Neurology</i> , 2016, 75, 207-212.	1.4	4
33	Dysfunction of the Human Mirror Neuron System in Ideomotor Apraxia: Evidence from Mu Suppression. <i>Journal of Cognitive Neuroscience</i> , 2016, 28, 775-791.	2.3	13
34	Measuring and Characterizing the Human Nasal Cycle. <i>PLoS ONE</i> , 2016, 11, e0162918.	2.5	73
35	Occasional awareness of a tree with no forest: Deriving PPC perceptual role from a simultanagnosia case study. <i>Journal of Vision</i> , 2016, 16, 618.	0.3	0
36	Global statistics are not neglected. <i>Journal of Vision</i> , 2015, 15, 7.	0.3	28

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37	Parietal lesion effects on cued recall following pair associate learnin g. <i>Neuropsychologia</i> , 2015, 73, 176-194.	1.6	56
38	Computing an Average When Part of the Population Is Not Perceived. <i>Journal of Cognitive Neuroscience</i> , 2015, 27, 1397-1411.	2.3	22
39	Electrophysiological manifestations of mirror visual feedback during manual movement. <i>Brain Research</i> , 2015, 1606, 113-124.	2.2	36
40	Visual Memory in Unilateral Spatial Neglect: Immediate Recall versus Delayed Recognition. <i>Journal of Cognitive Neuroscience</i> , 2014, 26, 2155-2170.	2.3	8
41	Mirror-neuron system recruitment by action observation: Effects of focal brain damage on mu suppression. <i>NeuroImage</i> , 2014, 87, 127-137.	4.2	54
42	Dynamics of the EEG power in the frequency and spatial domains during observation and execution of manual movements. <i>Brain Research</i> , 2013, 1509, 43-57.	2.2	62
43	Immediate effects of exposure to positive and negative emotional stimuli on visual search characteristics in patients with unilateral neglect. <i>Neuropsychologia</i> , 2013, 51, 2729-2739.	1.6	9
44	A randomized controlled study of segmental neuromyotherapy for post-stroke hemiplegic shoulder pain. <i>Journal of Rehabilitation Medicine</i> , 2012, 44, 830-836.	1.1	6
45	Sniffing enables communication and environmental control for the severely disabled. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, 14413-14418.	7.1	55
46	Processing visual scene statistical properties in patients with unilateral spatial neglect. <i>Journal of Vision</i> , 2010, 10, 280-280.	0.3	4
47	Slow binocular rivalry in hemispatial neglect. <i>Journal of Vision</i> , 2010, 2, 278-278.	0.3	0
48	Spared and Impaired Olfactory Abilities after Thalamic Lesions. <i>Journal of Neuroscience</i> , 2009, 29, 12059-12069.	3.6	73
49	Multiperturbation analysis of distributed neural networks: The case of spatial neglect. <i>Human Brain Mapping</i> , 2009, 30, 3687-3695.	3.6	11
50	Assessment of spatial neglect using computerised feature and conjunction visual search tasks. <i>Neuropsychological Rehabilitation</i> , 2009, 19, 677-695.	1.6	34
51	The posterior parietal cortex in recognition memory: A neuropsychological study. <i>Neuropsychologia</i> , 2008, 46, 1756-1766.	1.6	93
52	When they see, they see it almost right: Normal subjective experience of detected stimuli in spatial neglect. <i>Neuroscience Letters</i> , 2008, 446, 51-55.	2.1	2
53	Automated measurement of proprioception following stroke. <i>Disability and Rehabilitation</i> , 2008, 30, 1829-1836.	1.8	51
54	Basal Ganglia Play a Unique Role in Task Switching within the Frontal-Subcortical Circuits: Evidence from Patients with Focal Lesions. <i>Journal of Cognitive Neuroscience</i> , 2008, 20, 1079-1093.	2.3	54

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55	No disillusion in auditory extinction: perceiving a melody comprised of unperceived notes. <i>Frontiers in Human Neuroscience</i> , 2008, 1, 15.	2.0	9
56	Extinction is not a natural consequence of unilateral spatial neglect: Evidence from contrast detection experiments. <i>Neuroscience Letters</i> , 2007, 420, 240-244.	2.1	16
57	Activities, participation and satisfaction one-year post stroke. <i>Disability and Rehabilitation</i> , 2007, 29, 559-566.	1.8	312
58	Implicit integration in a case of integrative visual agnosia. <i>Neuropsychologia</i> , 2007, 45, 2066-2077.	1.6	17
59	Assessment of spatial attention after brain damage with a dynamic reaction time test. <i>Journal of the International Neuropsychological Society</i> , 2005, 11, 697-707.	1.8	95
60	Differential processing of word and color in unilateral spatial neglect. <i>Cognitive Brain Research</i> , 2005, 23, 259-269.	3.0	4
61	Task alternation cost without task alternation: Measuring intentionality. <i>Neuropsychologia</i> , 2005, 43, 1858-1869.	1.6	15
62	Processing of basic speech acts following localized brain damage: A new light on the neuroanatomy of language. <i>Brain and Cognition</i> , 2005, 57, 214-217.	1.8	37
63	Retrospective analysis of trends in current P&RM research as reflected in the 2nd ISPRM World Congress (Prague, 2003). <i>Disability and Rehabilitation</i> , 2004, 26, 687-693.	1.8	0
64	Role of disengagement failure and attentional gradient in unilateral spatial neglect – a longitudinal study. <i>Disability and Rehabilitation</i> , 2004, 26, 746-755.	1.8	13
65	Differential Effect of Right and Left Basal Ganglionic Infarctions on Procedural Learning. <i>Cognitive and Behavioral Neurology</i> , 2004, 17, 62-73.	0.9	19
66	Abnormal binocular rivalry in unilateral neglect: evidence for a non-spatial mechanism of extinction. <i>NeuroReport</i> , 2004, 15, 473-477.	1.2	35
67	Blood homocysteine levels in stroke patients undergoing rehabilitation. <i>Medical Science Monitor</i> , 2003, 9, CR201-7.	1.1	2
68	Effects of Right and Left Hemisphere Damage on Performance of the “Right Hemisphere Communication Battery”. <i>Brain and Language</i> , 2002, 80, 510-535.	1.6	98
69	Awareness of deficits in stroke rehabilitation. <i>Journal of Rehabilitation Medicine</i> , 2002, 34, 158-164.	1.1	62
70	Cheyne-Stokes respiration during sleep: a possible effect of body position. <i>Medical Science Monitor</i> , 2002, 8, CS61-5.	1.1	22
71	Anosognosia for Hemiplegia in Stroke Rehabilitation. <i>Neurorehabilitation and Neural Repair</i> , 2001, 15, 213-222.	2.9	51
72	What is extinguished in auditory extinction?. <i>NeuroReport</i> , 2000, 11, 3059-3062.	1.2	43

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73	Art therapy in stroke rehabilitation: a model of short-term group treatment. <i>Arts in Psychotherapy</i> , 2000, 27, 41-50.	1.2	15
74	Relationships of Cognitive Performance and Daily Function of Clients following Right Hemisphere Stroke: Predictive and Ecological Validity of the LOTCA Battery. <i>Occupation Participation and Health</i> , 2000, 20, 3-17.	0.9	35
75	Electrophysiological evidence for an early (pre-attentive) information processing deficit in patients with right hemisphere damage and unilateral neglect. <i>Brain</i> , 2000, 123, 353-365.	7.6	109
76	Contrast dependence of perceptual grouping in brain-damaged patients with visual extinction. <i>Spatial Vision</i> , 2000, 13, 403-414.	1.4	8
77	Differential Effects of Right- and Left-Hemisphere Damage on Understanding Sarcasm and Metaphor. <i>Metaphor and Symbol</i> , 2000, 15, 63-83.	1.0	156
78	Differential Effects of Right- and Left-Hemisphere Damage on Understanding Sarcasm and Metaphor. <i>Metaphor and Symbol</i> , 2000, 15, 63-83.	1.0	47
79	Inhibition of return in spatial attention: direct evidence for collicular generation. <i>Nature Neuroscience</i> , 1999, 2, 1053-1054.	14.8	267
80	Functional disability and rehabilitation outcome in right hemisphere damaged patients with and without unilateral spatial neglect. <i>Archives of Physical Medicine and Rehabilitation</i> , 1999, 80, 379-384.	0.9	400
81	Effects of Right- and Left-Hemisphere Damage on Understanding Conversational Implicatures. <i>Brain and Language</i> , 1999, 68, 566-590.	1.6	60
82	Selective visual streaming in face recognition. <i>NeuroReport</i> , 1999, 10, 823-827.	1.2	226
83	Ideational Gestures and Speech in Brain-damaged Subjects. <i>Language and Cognitive Processes</i> , 1998, 13, 59-76.	2.2	90
84	Gesture and the Processing of Speech: Neuropsychological Evidence. <i>Brain and Language</i> , 1998, 62, 107-126.	1.6	174
85	The Effect of Right and Left Hemispheric Lesions on Effortful and Automatic Memory Tasks. <i>Laterality</i> , 1998, 3, 143-159.	1.0	2
86	Coordinate Frame for Pattern Recognition in Unilateral Spatial Neglect. <i>Journal of Cognitive Neuroscience</i> , 1997, 9, 824-834.	2.3	19
87	Visual extinction and cortical connectivity in human vision. <i>Cognitive Brain Research</i> , 1997, 6, 159-162.	3.0	34
88	Auditory inattention in right-hemisphere-damaged patients with and without visual neglect. <i>Neuropsychologia</i> , 1997, 35, 249-256.	1.6	63
89	Learning spatial sequences in unilateral neglect. <i>Psychological Research</i> , 1997, 60, 42-52.	1.7	2
90	An assessment of hemineglect in children with attention-deficit hyperactivity disorder. <i>Developmental Neuropsychology</i> , 1996, 12, 271-281.	1.4	16

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91	False recovery from auditory hemineglect produced by source misattribution of auditory stimuli (the Tj ETQq1 1 0.784314 rgBT /Ove	0.7	15
92	Does monocular viewing improve target detection in hemispatial neglect?. Restorative Neurology and Neuroscience, 1995, 9, 7-13.	0.7	4
93	â€œMcGurk illusionâ€ to bilateral administration of sensory stimuli in patients with hemispatial neglect. Neuropsychologia, 1995, 33, 461-470.	1.6	22
94	Ventriloquist effect reinstates responsiveness to auditory stimuli in the â€ ignoredâ€™ space in patients with hemispatial neglect. Journal of Clinical and Experimental Neuropsychology, 1995, 17, 243-255.	1.3	27
95	Effects of hemi-thalamic damage on K-complexes evoked by monaural stimuli during midafternoon sleep. Electroencephalography and Clinical Neurophysiology, 1995, 94, 148-150.	0.3	7
96	Is there a place for ipsilesional eye patching in neglect rehabilitation?. Behavioural Neurology, 1994, 7, 159-64.	2.1	10
97	Art Therapy with Stroke Patients. NeuroRehabilitation, 1992, 2, 36-44.	1.3	2
98	Differential effect of right and left hemispheric lesions on two memory tasks: Free recall of items and recall of spatial location. Neuropsychologia, 1992, 30, 1041-1051.	1.6	5
99	Covariance Analysis of Laboratory Variance in Steady-State Serum Phenytoin Concentrations. Clinical Pharmacokinetics, 1991, 20, 331-335.	3.5	1
100	Polysomnography in locked-in syndrome. Electroencephalography and Clinical Neurophysiology, 1991, 78, 314-317.	0.3	21
101	Differential effect of right and left hemispheric lesions on two memory tasks: Free recall and frequency judgement. Neuropsychologia, 1991, 29, 981-992.	1.6	12
102	Stuttering as a Manifestation of Right-Hemispheric Subcortical Stroke. European Neurology, 1990, 30, 268-270.	1.4	50
103	Practice of prophylactic anticonvulsant treatment in head injury. Brain Injury, 1989, 3, 137-140.	1.2	11
104	Improved phonation during fever in brainstem dysarthrophonia.. Journal of Neurology, Neurosurgery and Psychiatry, 1987, 50, 1239-1240.	1.9	0
105	Magnetic resonance imaging in head injured patients with normal late computed tomography scans. World Neurosurgery, 1987, 27, 331-337.	1.3	42
106	Granulocyte-macrophage colonies in cultures of human fetal liver cells: morphologic and ultrastructural analysis of proliferation and differentiation. Experimental Hematology, 1980, 8, 837-44.	0.4	12