Nachum Soroker

List of Publications by Year
in descending order

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	Functional disability and rehabilitation outcome in right hemisphere damaged patients with and without unilateral spatial neglect. Archives of Physical Medicine and Rehabilitation, 1999, 80, 379-384.	0.9	400
2	Activities, participation and satisfaction one-year post stroke. Disability and Rehabilitation, 2007, 29, 559-566.	1.8	312
3	Inhibition of return in spatial attention: direct evidence for collicular generation. Nature Neuroscience, 1999, 2, 1053-1054.	14.8	267
4	Selective visual streaming in face recognition. NeuroReport, 1999, 10, 823-827.	1.2	226
5	Gesture and the Processing of Speech: Neuropsychological Evidence. Brain and Language, 1998, 62, 107-126.	1.6	174
6	Differential Effects of Right- and Left-Hemisphere Damage on Understanding Sarcasm and Metaphor. Metaphor and Symbol, 2000, 15, 63-83.	1.0	156
7	Electrophysiological evidence for an early (pre-attentive) information processing deficit in patients with right hemisphere damage and unilateral neglect. Brain, 2000, 123, 353-365.	7.6	109
8	Effects of Right and Left Hemisphere Damage on Performance of the â€œRight Hemisphere Communication Batteryâ€• Brain and Language, 2002, 80, 510-535.	1.6	98
9	Assessment of spatial attention after brain damage with a dynamic reaction time test. Journal of the International Neuropsychological Society, 2005, 11, 697-707.	1.8	95
10	The posterior parietal cortex in recognition memory: A neuropsychological study. Neuropsychologia, 2008, 46, 1756-1766.	1.6	93
11	Ideational Gestures and Speech in Brain-damaged Subjects. Language and Cognitive Processes, 1998, 13, 59-76.	2.2	90
12	Spared and Impaired Olfactory Abilities after Thalamic Lesions. Journal of Neuroscience, 2009, 29, 12059-12069.	3.6	73
13	Measuring and Characterizing the Human Nasal Cycle. PLoS ONE, 2016, 11, e0162918.	2.5	73
14	Auditory inattention in right-hemisphere-damaged patients with and without visual neglect. Neuropsychologia, 1997, 35, 249-256.	1.6	63
15	Awareness of deficits in stroke rehabilitation. Journal of Rehabilitation Medicine, 2002, 34, 158-164.	1.1	62
16	Dynamics of the EEG power in the frequency and spatial domains during observation and execution of manual movements. Brain Research, 2013, 1509, 43-57.	2.2	62
17	Effects of Right- and Left-Hemisphere Damage on Understanding Conversational Implicatures. Brain and Language, 1999, 68, 566-590.	1.6	60
18	Parietal lesion effects on cued recall following pair associate learnin g. Neuropsychologia, 2015, 73, 176-194.	1.6	56

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19	Sniffing enables communication and environmental control for the severely disabled. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 14413-14418.	7.1	55
20	Basal Ganglia Play a Unique Role in Task Switching within the Frontal-Subcortical Circuits: Evidence from Patients with Focal Lesions. Journal of Cognitive Neuroscience, 2008, 20, 1079-1093.	2.3	54
21	Mirror-neuron system recruitment by action observation: Effects of focal brain damage on mu suppression. NeuroImage, 2014, 87, 127-137.	4.2	54
22	Anosognosia for Hemiplegia in Stroke Rehabilitation. Neurorehabilitation and Neural Repair, 2001, 15, 213-222.	2.9	51
23	Automated measurement of proprioception following stroke. Disability and Rehabilitation, 2008, 30, 1829-1836.	1.8	51
24	Stuttering as a Manifestation of Right-Hemispheric Subcortical Stroke. European Neurology, 1990, 30, 268-270.	1.4	50
25	Differential Effects of Right- and Left-Hemisphere Damage on Understanding Sarcasm and Metaphor. Metaphor and Symbol, 2000, 15, 63-83.	1.0	47
26	Effects of Perturbation-Based Balance Training in Subacute Persons With Stroke: A Randomized Controlled Trial. Neurorehabilitation and Neural Repair, 2019, 33, 213-224.	2.9	45
27	What is extinguished in auditory extinction?. NeuroReport, 2000, 11, 3059-3062.	1.2	43
28	Magnetic resonance imaging in head injured patients with normal late computed tomography scans. World Neurosurgery, 1987, 27, 331-337.	1.3	42
29	Processing of basic speech acts following localized brain damage: A new light on the neuroanatomy of language. Brain and Cognition, 2005, 57, 214-217.	1.8	37
30	Electrophysiological manifestations of mirror visual feedback during manual movement. Brain Research, 2015, 1606, 113-124.	2.2	36
31	Relationships of Cognitive Performance and Daily Function of Clients following Right Hemisphere Stroke: Predictive and Ecological Validity of the LOTCA Battery. Occupation Participation and Health, 2000, 20, 3-17.	0.9	35
32	Abnormal binocular rivalry in unilateral neglect: evidence for a non-spatial mechanism of extinction. NeuroReport, 2004, 15, 473-477.	1.2	35
33	Visual extinction and cortical connectivity in human vision. Cognitive Brain Research, 1997, 6, 159-162.	3.0	34
34	Assessment of spatial neglect using computerised feature and conjunction visual search tasks. Neuropsychological Rehabilitation, 2009, 19, 677-695.	1.6	34
35	Changes in mu and beta amplitude of the EEG during upper limb movement correlate with motor impairment and structural damage in subacute stroke. Clinical Neurophysiology, 2019, 130, 1644-1651.	1.5	31
36	Global statistics are not neglected. Journal of Vision, 2015, 15, 7.	0.3	28

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37	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
38	Lesion location impact on functional recovery of the hemiparetic upper limb. PLoS ONE, 2019, 14, e0219738.	2.5	25
39	â€œMcGurk illusionâ€•to bilateral administration of sensory stimuli in patients with hemispatial neglect. Neuropsychologia, 1995, 33, 461-470.	1.6	22
40	Computing an Average When Part of the Population Is Not Perceived. Journal of Cognitive Neuroscience, 2015, 27, 1397-1411.	2.3	22
41	Comparing set summary statistics and outlier pop out in vision. Journal of Vision, 2018, 18, 12.	0.3	22
42	Cheyne-Stokes respiration during sleep: a possible effect of body position. Medical Science Monitor, 2002, 8, CS61-5.	1.1	22
43	Polysomnography in locked-in syndrome. Electroencephalography and Clinical Neurophysiology, 1991, 78, 314-317.	0.3	21
44	Neurophysiological effects of mirror visual feedback in stroke patients with unilateral hemispheric damage. Brain Research, 2018, 1700, 170-180.	2.2	21
45	Analysis of Brain Lesion Impact on Balance and Gait Following Stroke. Frontiers in Human Neuroscience, 2019, 13, 149.	2.0	21
46	Coordinate Frame for Pattern Recognition in Unilateral Spatial Neglect. Journal of Cognitive Neuroscience, 1997, 9, 824-834.	2.3	19
47	Differential Effect of Right and Left Basal Ganglionic Infarctions on Procedural Learning. Cognitive and Behavioral Neurology, 2004, 17, 62-73.	0.9	19
48	Stroke Lesion Impact on Lower Limb Function. Frontiers in Human Neuroscience, 2021, 15, 592975.	2.0	18
49	Implicit integration in a case of integrative visual agnosia. Neuropsychologia, 2007, 45, 2066-2077.	1.6	17
50	An assessment of hemineglect in children with attentionâ€deficit hyperactivity disorder. Developmental Neuropsychology, 1996, 12, 271-281.	1.4	16
51	Extinction is not a natural consequence of unilateral spatial neglect: Evidence from contrast detection experiments. Neuroscience Letters, 2007, 420, 240-244.	2.1	16
52	False recovery from auditory hemineglect produced by source misattribution of auditory stimuli (the) Tj ETQq0 0 0 rgBT /Overlock 10 Tf	0.7	15
53	Art therapy in stroke rehabilitation: a model of short-term group treatment. Arts in Psychotherapy, 2000, 27, 41-50.	1.2	15
54	Task alternation cost without task alternation: Measuring intentionality. Neuropsychologia, 2005, 43, 1858-1869.	1.6	15

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55	Tonic stretch reflex threshold as a measure of spasticity after stroke: Reliability, minimal detectable change and responsiveness. Clinical Neurophysiology, 2021, 132, 1226-1233.	1.5	14
56	Role of disengagement failure and attentional gradient in unilateral spatial neglect â€“ a longitudinal study. Disability and Rehabilitation, 2004, 26, 746-755.	1.8	13
57	Dysfunction of the Human Mirror Neuron System in Ideomotor Apraxia: Evidence from Mu Suppression. Journal of Cognitive Neuroscience, 2016, 28, 775-791.	2.3	13
58	Association between cardiac autonomic control and cognitive performance among patients post stroke and age-matched healthy controlsâ€”an exploratory pilot study. Neurological Sciences, 2017, 38, 2037-2043.	1.9	13
59	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
60	Personalized upper limb training combined with anodal-tDCS for sensorimotor recovery in spastic hemiparesis: study protocol for a randomized controlled trial. Trials, 2018, 19, 7.	1.6	12
61	Exercise intensity of the upper limb can be enhanced using a virtual rehabilitation system. Disability and Rehabilitation: Assistive Technology, 2022, 17, 100-106.	2.2	12
62	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
63	Practice of prophylactic anticonvulsant treatment in head injury. Brain Injury, 1989, 3, 137-140.	1.2	11
64	Multiperturbation analysis of distributed neural networks: The case of spatial neglect. Human Brain Mapping, 2009, 30, 3687-3695.	3.6	11
65	Insufficient Balance Recovery Following Unannounced External Perturbations in Persons With Stroke. Neurorehabilitation and Neural Repair, 2019, 33, 730-739.	2.9	11
66	Effect of post-stroke spasticity on voluntary movement of the upper limb. Journal of NeuroEngineering and Rehabilitation, 2021, 18, 81.	4.6	11
67	Is there a place for ipsilesional eye patching in neglect rehabilitation?. Behavioural Neurology, 1994, 7, 159-64.	2.1	10
68	No disillusions in auditory extinction: perceiving a melody comprised of unperceived notes. Frontiers in Human Neuroscience, 2008, 1, 15.	2.0	9
69	Immediate effects of exposure to positive and negative emotional stimuli on visual search characteristics in patients with unilateral neglect. Neuropsychologia, 2013, 51, 2729-2739.	1.6	9
70	Resting-state EEG topographies: Reliable and sensitive signatures of unilateral spatial neglect. NeuroImage: Clinical, 2020, 26, 102237.	2.7	9
71	Contrast dependence of perceptual grouping in brain-damaged patients with visual extinction. Spatial Vision, 2000, 13, 403-414.	1.4	8
72	Visual Memory in Unilateral Spatial Neglect: Immediate Recall versus Delayed Recognition. Journal of Cognitive Neuroscience, 2014, 26, 2155-2170.	2.3	8

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73	Relationship Between Spasticity and Upper-Limb Movement Disorders in Individuals With Subacute Stroke Using Stochastic Spatiotemporal Modeling. Neurorehabilitation and Neural Repair, 2019, 33, 141-152.	2.9	8
74	Working Memory in Unilateral Spatial Neglect: Evidence for Impaired Binding of Object Identity and Object Location. Journal of Cognitive Neuroscience, 2021, 33, 46-62.	2.3	8
75	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
76	The cardiac autonomic nervous system response to different daily demands among patients at the sub-acute phase post ischemic stroke and healthy controls. NeuroRehabilitation, 2018, 42, 391-396.	1.3	7
77	A randomized controlled study of segmental neuromyotherapy for post-stroke hemiplegic shoulder pain. Journal of Rehabilitation Medicine, 2012, 44, 830-836.	1.1	6
78	Lesion configuration effect on stroke-related cardiac autonomic dysfunction. Brain Research, 2020, 1733, 146711.	2.2	6
79	Temporal But Not Spatial Gait Parameters Associated With Lower Balance Capacity in Moderate-High Functioning Persons With Stroke. Journal of Neurologic Physical Therapy, 2021, 45, 301-309.	1.4	6
80	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
81	Motor learning in hemi-Parkinson using VR-manipulated sensory feedback. Disability and Rehabilitation: Assistive Technology, 2020, , 1-13.	2.2	5
82	Lesion Topography Impact on Shoulder Abduction and Finger Extension Following Left and Right Hemispheric Stroke. Frontiers in Human Neuroscience, 2020, 14, 282.	2.0	5
83	Lesion-behaviour mapping reveals multifactorial neurocognitive processes in recognition memory for unfamiliar faces. Neuropsychologia, 2021, 163, 108078.	1.6	5
84	Does monocular viewing improve target detection in hemispatial neglect?. Restorative Neurology and Neuroscience, 1995, 9, 7-13.	0.7	4
85	Differential processing of word and color in unilateral spatial neglect. Cognitive Brain Research, 2005, 23, 259-269.	3.0	4
86	Autonomic Cardiac Response to Static and Dynamic Muscle Contractions in Post-Stroke and Healthy Subjects. European Neurology, 2016, 75, 207-212.	1.4	4
87	Processing visual scene statistical properties in patients with unilateral spatial neglect. Journal of Vision, 2010, 10, 280-280.	0.3	4
88	Perceiving Category Set Statistics On-the-fly. Journal of Vision, 2019, 19, 225a.	0.3	3
89	Shared and distinct voxel-based lesion-symptom mappings for spasticity and impaired movement in the hemiparetic upper limb. Scientific Reports, 2022, 12, .	3.3	3
90	Art Therapy with Stroke Patients. NeuroRehabilitation, 1992, 2, 36-44.	1.3	2

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91	Learning spatial sequences in unilateral neglect. Psychological Research, 1997, 60, 42-52.	1.7	2
92	The Effect of Right and Left Hemispheric Lesions on Effortful and Automatic Memory Tasks. Laterality, 1998, 3, 143-159.	1.0	2
93	When they see, they see it almost right: Normal subjective experience of detected stimuli in spatial neglect. Neuroscience Letters, 2008, 446, 51-55.	2.1	2
94	Exercise intensity is increased during upper limb movement training using a virtual rehabilitation system. , 2019, , .		2
95	Characteristics of proactive balance and gait performance in subacute stroke patients demonstrating varying reactive balance capacity: A research study. NeuroRehabilitation, 2020, 46, 491-500.	1.3	2
96	Blood homocysteine levels in stroke patients undergoing rehabilitation. Medical Science Monitor, 2003, 9, CR201-7.	1.1	2
97	Covariance Analysis of Laboratory Variance in Steady-State Serum Phenytoin Concentrations. Clinical Pharmacokinetics, 1991, 20, 331-335.	3.5	1
98	Phasic alerting combined with visual spatial training: a novel therapeutic approach for unilateral spatial neglect. International Physical Medicine & Rehabilitation Journal, 2018, 3, .	0.1	1
99	Improved phonation during fever in brainstem dysarthrophonia.. Journal of Neurology, Neurosurgery and Psychiatry, 1987, 50, 1239-1240.	1.9	0
100	Retrospective analysis of trends in current P&RM research as reflected in the 2nd ISPRM World Congress (Prague, 2003). Disability and Rehabilitation, 2004, 26, 687-693.	1.8	0
101	Measures of Reactive Balance Capacity and Fall Risk Post Stroke. Archives of Physical Medicine and Rehabilitation, 2018, 99, e7.	0.9	0
102	Characteristics of upper-extremity reactions to sudden lateral loss of balance in persons with stroke. Clinical Biomechanics, 2021, 82, 105255.	1.2	0
103	Unilateral Spatial Neglect without Hemiplegia: The Output-Mode Effect Revisited. Journal of Stroke and Cerebrovascular Diseases, 2021, 30, 105777.	1.6	0
104	Slow binocular rivalry in hemispatial neglect. Journal of Vision, 2010, 2, 278-278.	0.3	0
105	Occasional awareness of a tree with no forest: Deriving PPC perceptual role from a simultanagnosia case study. Journal of Vision, 2016, 16, 618.	0.3	0
106	Verbal tagging can impair memory of object location: Evidence from aphasia. Neuropsychologia, 2022, 167, 108162.	1.6	0