

# Shahar Arzy

## List of Publications by Year in descending order

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Version: 2024-02-01

65  
papers

2,898  
citations

257101

24  
h-index

182168

51  
g-index

70  
all docs

70  
docs citations

70  
times ranked

2896  
citing authors

#	ARTICLE	IF	CITATIONS
1	Neural Basis of Embodiment: Distinct Contributions of Temporoparietal Junction and Extrastriate Body Area. <i>Journal of Neuroscience</i> , 2006, 26, 8074-8081.	1.7	414
2	The Out-of-Body Experience: Disturbed Self-Processing at the Temporo-Parietal Junction. <i>Neuroscientist</i> , 2005, 11, 16-24.	2.6	323
3	Brain system for mental orientation in space, time, and person. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 11072-11077.	3.3	219
4	Evidence for Functional Networks within the Human Brain's White Matter. <i>Journal of Neuroscience</i> , 2017, 37, 6394-6407.	1.7	176
5	Induction of an illusory shadow person. <i>Nature</i> , 2006, 443, 287-287.	13.7	168
6	Neural Mechanisms of Embodiment. <i>Archives of Neurology</i> , 2006, 63, 1022.	4.9	143
7	Neurological and Robot-Controlled Induction of an Apparition. <i>Current Biology</i> , 2014, 24, 2681-2686.	1.8	121
8	Functional connectivity of large-scale brain networks in patients with anti-NMDA receptor encephalitis: an observational study. <i>Lancet Psychiatry</i> , 2017, 4, 768-774.	3.7	111
9	Self in Time: Imagined Self-Location Influences Neural Activity Related to Mental Time Travel. <i>Journal of Neuroscience</i> , 2008, 28, 6502-6507.	1.7	93
10	Subjective mental time: the functional architecture of projecting the self to past and future. <i>European Journal of Neuroscience</i> , 2009, 30, 2009-2017.	1.2	89
11	The mental time line: An analogue of the mental number line in the mapping of life events. <i>Consciousness and Cognition</i> , 2009, 18, 781-785.	0.8	78
12	Duration and not strength of activation in temporo-parietal cortex positively correlates with schizotypy. <i>NeuroImage</i> , 2007, 35, 326-333.	2.1	55
13	Reversible functional connectivity disturbances during transient global amnesia. <i>Annals of Neurology</i> , 2014, 75, 634-643.	2.8	54
14	Processing of different spatial scales in the human brain. <i>ELife</i> , 2019, 8, .	2.8	44
15	Chapter 22 Illusory reduplications of the human body and self. <i>Handbook of Clinical Neurology</i> / Edited By P J Vinken and G W Bruyn, 2008, 88, 429-458.	1.0	41
16	Orientation and disorientation: Lessons from patients with epilepsy. <i>Epilepsy and Behavior</i> , 2014, 41, 149-157.	0.9	37
17	Current understanding of fear learning and memory in humans and animal models and the value of a linguistic approach for analyzing fear learning and memory in humans. <i>Neuroscience and Biobehavioral Reviews</i> , 2019, 105, 136-177.	2.9	36
18	Self-Agency and Self-Ownership in Cognitive Mapping. <i>Trends in Cognitive Sciences</i> , 2019, 23, 476-487.	4.0	35

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19	Antiepileptic drugs modify power of high EEG frequencies and their neural generators. <i>European Journal of Neurology</i> , 2010, 17, 1308-1312.	1.7	34
20	In-vivo magnetic resonance imaging of the structural core of the Papez circuit in humans. <i>NeuroReport</i> , 2011, 22, 227-231.	0.6	34
21	Prisms to travel in time: Investigation of time-space association through prismatic adaptation effect on mental time travel. <i>Cognition</i> , 2016, 156, 1-5.	1.1	34
22	Psychogenic amnesia and self-identity: a multimodal functional investigation. <i>European Journal of Neurology</i> , 2011, 18, 1422-1425.	1.7	30
23	Why revelations have occurred on mountains?. <i>Medical Hypotheses</i> , 2005, 65, 841-845.	0.8	28
24	Mental time in amnesia: Evidence from bilateral medial temporal damage before and after recovery. <i>Cognitive Neuropsychology</i> , 2009, 26, 503-510.	0.4	28
25	Searching for an integrated self-representation. <i>Communicative and Integrative Biology</i> , 2009, 2, 365-367.	0.6	27
26	Discontinuity of cortical gradients reflects sensory impairment. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 16024-16029.	3.3	27
27	Intensity-based masking: A tool to improve functional connectivity results of resting-state fMRI. <i>Human Brain Mapping</i> , 2016, 37, 2407-2418.	1.9	27
28	Deficient mental own-body imagery in a neurological patient with out-of-body experiences due to cannabis use. <i>Cortex</i> , 2009, 45, 228-235.	1.1	24
29	Brain Coding of Social Network Structure. <i>Journal of Neuroscience</i> , 2021, 41, 4897-4909.	1.7	22
30	Functional Brain Imaging in a Woman With Spatial Neglect Due to Conversion Disorder. <i>JAMA - Journal of the American Medical Association</i> , 2009, 302, 2552.	3.8	20
31	Self-reference, emotion inhibition and somatosensory disturbance: preliminary investigation of network perturbations in conversion disorder. <i>European Journal of Neurology</i> , 2018, 25, 888.	1.7	20
32	Epilepsy, behavior, and art (Epilepsy, Brain, and Mind, part 1). <i>Epilepsy and Behavior</i> , 2013, 28, 261-282.	0.9	19
33	Neural generators of psychogenic seizures: Evidence from intracranial and extracranial brain recordings. <i>Epilepsy and Behavior</i> , 2014, 31, 381-385.	0.9	19
34	Age-Related Effects on Future Mental Time Travel. <i>Neural Plasticity</i> , 2016, 2016, 1-8.	1.0	19
35	Nature and nurture effects on the spatiality of the mental time line. <i>Scientific Reports</i> , 2018, 8, 11710.	1.6	19
36	Hierarchical cortical gradients in somatosensory processing. <i>NeuroImage</i> , 2020, 222, 117257.	2.1	18

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37	The radiation of auto-noetic consciousness in cognitive neuroscience: A functional neuroanatomy perspective. <i>Neuropsychologia</i> , 2020, 143, 107477.	0.7	17
38	Effects of spatial attention on mental time travel in patients with neglect. <i>Cortex</i> , 2018, 101, 192-205.	1.1	16
39	“God has sent me to you” Right temporal epilepsy, left prefrontal psychosis. <i>Epilepsy and Behavior</i> , 2016, 60, 7-10.	0.9	15
40	Misleading one detail: a preventable mode of diagnostic error?. <i>Journal of Evaluation in Clinical Practice</i> , 2009, 15, 804-806.	0.9	13
41	The “creatures” of the human cortical somatosensory system. <i>Brain Communications</i> , 2020, 2, fcaa003.	1.5	13
42	Mental-orientation: A new approach to assessing patients across the Alzheimer’s disease spectrum.. <i>Neuropsychology</i> , 2018, 32, 690-699.	1.0	13
43	The Science of Neuropsychiatry: Past, Present, and Future. <i>Journal of Neuropsychiatry and Clinical Neurosciences</i> , 2014, 26, 392-395.	0.9	12
44	Disturbed Mental Imagery of Affected Body-Parts in Patients with Hysterical Conversion Paraplegia Correlates with Pathological Limbic Activity. <i>Brain Sciences</i> , 2014, 4, 396-404.	1.1	12
45	Temporal Dissociation of Neocortical and Hippocampal Contributions to Mental Time Travel Using Intracranial Recordings in Humans. <i>Frontiers in Computational Neuroscience</i> , 2018, 12, 11.	1.2	11
46	Schizotypal Perceptual Aberrations of Time: Correlation between Score, Behavior and Brain Activity. <i>PLoS ONE</i> , 2011, 6, e16154.	1.1	10
47	A unified brain system of orientation and its disruption in Alzheimer’s disease. <i>Annals of Clinical and Translational Neurology</i> , 2019, 6, 2468-2478.	1.7	9
48	Third International Congress on Epilepsy, Brain, and Mind: Part 2. <i>Epilepsy and Behavior</i> , 2015, 50, 138-159.	0.9	8
49	Mental travel in the person domain. <i>Journal of Neurophysiology</i> , 2021, 126, 464-476.	0.9	8
50	The “intrinsic” system in the human cortex and self-projection: a data driven analysis. <i>NeuroReport</i> , 2010, 21, 569-574.	0.6	7
51	The life review experience: Qualitative and quantitative characteristics. <i>Consciousness and Cognition</i> , 2017, 48, 76-86.	0.8	7
52	Processing of Different Temporal Scales in the Human Brain. <i>Journal of Cognitive Neuroscience</i> , 2020, 32, 2087-2102.	1.1	7
53	Memory and motor control in patients with psychogenic nonepileptic seizures. <i>Epilepsy and Behavior</i> , 2019, 98, 279-284.	0.9	6
54	Human memory: insights into hippocampal networks in epilepsy. <i>Brain</i> , 2014, 137, 1856-1857.	3.7	5

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55	A Novel Integrative Psychotherapy for Psychogenic Nonepileptic Seizures Based on the Biopsychosocial Model: A Retrospective Pilot Outcome Study. <i>Psychosomatics</i> , 2020, 61, 353-362.	2.5	5
56	Nonepileptic seizures under levetiracetam therapy. <i>Epilepsy and Behavior</i> , 2010, 19, 526-527.	0.9	3
57	When speaking of the experience, do not leave out the experiencer: on self and magnitude. <i>Frontiers in Psychology</i> , 2013, 4, 303.	1.1	3
58	The neuroanatomy of age perception. <i>Behavioural Brain Research</i> , 2019, 372, 112052.	1.2	3
59	Transforming social perspectives with cognitive maps. <i>Social Cognitive and Affective Neuroscience</i> , 2022, 17, 939-955.	1.5	3
60	Virtual reality may relieve pain in patients with spinal cord injury. <i>Neurology</i> , 2017, 89, e227-e230.	1.5	1
61	Pursuing functional connectivity in NMDAR1 autoantibody carriers – Authors' reply. <i>Lancet Psychiatry</i> , 2018, 5, 22.	3.7	1
62	Imagining and Experiencing the Self on Cognitive Maps. , 2020, , 311-331.		1
63	Agency, Ownership and the Potential Space. <i>Brain Sciences</i> , 2021, 11, 460.	1.1	1
64	Brain System for Social Categorization by Narrative Roles. <i>Journal of Neuroscience</i> , 2022, 42, 5246-5253.	1.7	1
65	PRIMARY PROGRESSIVE APHASIA: QUANTITATIVE ANALYSIS. <i>Neurology</i> , 2008, 71, 145-146.	1.5	0