

Tristan A Bekinschtein

List of Publications by Year in descending order

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Version: 2024-02-01

58
papers

3,164
citations

279798

23
h-index

182427

51
g-index

80
all docs

80
docs citations

80
times ranked

3052
citing authors

#	ARTICLE	IF	CITATIONS
1	Neural signature of the conscious processing of auditory regularities. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, 1672-1677.	7.1	539
2	Evidence for a hierarchy of predictions and prediction errors in human cortex. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 20754-20759.	7.1	419
3	Expectation and Attention in Hierarchical Auditory Prediction. Journal of Neuroscience, 2013, 33, 11194-11205.	3.6	245
4	Spectral Signatures of Reorganised Brain Networks in Disorders of Consciousness. PLoS Computational Biology, 2014, 10, e1003887.	3.2	176
5	Brain Connectivity Dissociates Responsiveness from Drug Exposure during Propofol-Induced Transitions of Consciousness. PLoS Computational Biology, 2016, 12, e1004669.	3.2	118
6	Auditory Feedback Differentially Modulates Behavioral and Neural Markers of Objective and Subjective Performance When Tapping to Your Heartbeat. Cerebral Cortex, 2015, 25, 4490-4503.	2.9	109
7	Silent Expectations: Dynamic Causal Modeling of Cortical Prediction and Attention to Sounds That Weren't. Journal of Neuroscience, 2016, 36, 8305-8316.	3.6	106
8	Hierarchical Organization of Frontotemporal Networks for the Prediction of Stimuli across Multiple Dimensions. Journal of Neuroscience, 2015, 35, 9255-9264.	3.6	92
9	How embodied is action language? Neurological evidence from motor diseases. Cognition, 2014, 131, 311-322.	2.2	83
10	Early detection of intentional harm in the human amygdala. Brain, 2016, 139, 54-61.	7.6	82
11	Inducing Task-Relevant Responses to Speech in the Sleeping Brain. Current Biology, 2014, 24, 2208-2214.	3.9	77
12	Predictive coding in autism spectrum disorder and attention deficit hyperactivity disorder. Journal of Neurophysiology, 2015, 114, 2625-2636.	1.8	75
13	Convergent evidence for hierarchical prediction networks from human electrocorticography and magnetoencephalography. Cortex, 2016, 82, 192-205.	2.4	71
14	Heart evoked potential triggers brain responses to natural affective scenes: A preliminary study. Autonomic Neuroscience: Basic and Clinical, 2015, 193, 132-137.	2.8	65
15	Arousal Modulates Auditory Attention and Awareness: Insights from Sleep, Sedation, and Disorders of Consciousness. Frontiers in Psychology, 2012, 3, 65.	2.1	58
16	iElectrodes: A Comprehensive Open-Source Toolbox for Depth and Subdural Grid Electrode Localization. Frontiers in Neuroinformatics, 2017, 11, 14.	2.5	58
17	Losing the left side of the world: Rightward shift in human spatial attention with sleep onset. Scientific Reports, 2014, 4, 5092.	3.3	50
18	Transient Topographical Dynamics of the Electroencephalogram Predict Brain Connectivity and Behavioural Responsiveness During Drowsiness. Brain Topography, 2019, 32, 315-331.	1.8	48

#	ARTICLE	IF	CITATIONS
19	Disentangling interoception: insights from focal strokes affecting the perception of external and internal milieus. <i>Frontiers in Psychology</i> , 2015, 6, 503.	2.1	40
20	Neurocognitive and Neuroplastic Mechanisms of Novel Clinical Signs in CRPS. <i>Frontiers in Human Neuroscience</i> , 2016, 10, 16.	2.0	40
21	Alertness fluctuations when performing a task modulate cortical evoked responses to transcranial magnetic stimulation. <i>NeuroImage</i> , 2020, 223, 117305.	4.2	38
22	Olfactory sniffing signals consciousness in unresponsive patients with brain injuries. <i>Nature</i> , 2020, 581, 428-433.	27.8	36
23	Dissociable Neural Information Dynamics of Perceptual Integration and Differentiation during Bistable Perception. <i>Cerebral Cortex</i> , 2020, 30, 4563-4580.	2.9	34
24	Tracking wakefulness as it fades: Micro-measures of alertness. <i>NeuroImage</i> , 2018, 176, 138-151.	4.2	33
25	Factoring the brain signatures of anesthesia concentration and level of arousal across individuals. <i>NeuroImage: Clinical</i> , 2015, 9, 385-391.	2.7	32
26	Auditory deviance detection in the human insula: An intracranial EEG study. <i>Cortex</i> , 2019, 121, 189-200.	2.4	30
27	You are only coming through in waves: wakefulness variability and assessment in patients with impaired consciousness. <i>Progress in Brain Research</i> , 2009, 177, 171-189.	1.4	29
28	Decreased Alertness Reconfigures Cognitive Control Networks. <i>Journal of Neuroscience</i> , 2020, 40, 7142-7154.	3.6	25
29	Does left-handedness confer resistance to spatial bias?. <i>Scientific Reports</i> , 2015, 5, 9162.	3.3	23
30	Dynamic neurocognitive changes in interoception after heart transplant. <i>Brain Communications</i> , 2020, 2, fcaa095.	3.3	23
31	Intracranial high- γ connectivity distinguishes wakefulness from sleep. <i>NeuroImage</i> , 2018, 169, 265-277.	4.2	22
32	Time to Face Language: Embodied Mechanisms Underpin the Inception of Face-Related Meanings in the Human Brain. <i>Cerebral Cortex</i> , 2020, 30, 6051-6068.	2.9	21
33	Neural detection of complex sound sequences or of statistical regularities in the absence of consciousness?. <i>Brain</i> , 2015, 138, e395-e395.	7.6	18
34	Neural Encoding of Attended Continuous Speech under Different Types of Interference. <i>Journal of Cognitive Neuroscience</i> , 2018, 30, 1606-1619.	2.3	17
35	Intrusions of a drowsy mind: neural markers of phenomenological unpredictability. <i>Frontiers in Psychology</i> , 2015, 6, 202.	2.1	16
36	Altered Neurocognitive Processing of Tactile Stimuli in Patients with Complex Regional Pain Syndrome. <i>Journal of Pain</i> , 2018, 19, 395-409.	1.4	15

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37	Placing meta-stable states of consciousness within the predictive coding hierarchy: The deceleration of the accelerated prediction error. <i>Consciousness and Cognition</i> , 2018, 63, 123-142.	1.5	15
38	Role of the right inferior parietal cortex in auditory selective attention: An rTMS study. <i>Cortex</i> , 2018, 99, 30-38.	2.4	13
39	Bilingualism and language similarity modify the neural mechanisms of selective attention. <i>Scientific Reports</i> , 2019, 9, 8204.	3.3	11
40	Decreasing Alertness Modulates Perceptual Decision-Making. <i>Journal of Neuroscience</i> , 2022, 42, 454-473.	3.6	11
41	Reply: Replicability and impact of statistics in the detection of neural responses of consciousness. <i>Brain</i> , 2016, 139, e31-e31.	7.6	9
42	Expectation of reward differentially modulates executive inhibition. <i>BMC Psychology</i> , 2019, 7, 55.	2.1	9
43	Neural Dynamics of Associative Learning during Human Sleep. <i>Cerebral Cortex</i> , 2020, 30, 1708-1715.	2.9	9
44	Preserved sensory processing but hampered conflict detection when stimulus input is task-irrelevant. <i>ELife</i> , 2021, 10, .	6.0	9
45	Sea Slugs, Subliminal Pictures, and Vegetative State Patients: Boundaries of Consciousness in Classical Conditioning. <i>Frontiers in Psychology</i> , 2011, 2, 337.	2.1	7
46	Novel evidence on the effect of tramadol on self-paced high-intensity cycling. <i>Journal of Sports Sciences</i> , 2021, 39, 1452-1460.	2.0	7
47	Different underlying mechanisms for high and low arousal in probabilistic learning in humans. <i>Cortex</i> , 2021, 143, 180-194.	2.4	7
48	Delta band activity contributes to the identification of command following in disorder of consciousness. <i>Scientific Reports</i> , 2021, 11, 16267.	3.3	6
49	Sedation Modulates Frontotemporal Predictive Coding Circuits and the Double Surprise Acceleration Effect. <i>Cerebral Cortex</i> , 2020, 30, 5204-5217.	2.9	5
50	In your phase: neural phase synchronisation underlies visual imagery of faces. <i>Scientific Reports</i> , 2021, 11, 2401.	3.3	5
51	Neural Signal to Violations of Abstract Rules Using Speech-Like Stimuli. <i>ENeuro</i> , 2019, 6, ENEURO.0128-19.2019.	1.9	5
52	Ketamine and sleep modulate neural complexity dynamics in cats. <i>European Journal of Neuroscience</i> , 2022, 55, 1584-1600.	2.6	5
53	Temporal judgments in multi-sensory space. <i>Neuropsychologia</i> , 2016, 88, 101-112.	1.6	3
54	Attentional modulation of neural dynamics in tactile perception of complex regional pain syndrome patients. <i>European Journal of Neuroscience</i> , 2021, 54, 5601-5619.	2.6	3

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55	Exploring electrophysiological markers of auditory predictive processes and pathological ageing in adults with Down's syndrome. <i>European Journal of Neuroscience</i> , 2022, 56, 5615-5636.	2.6	3
56	An unaware agenda: interictal consciousness impairments in epileptic patients. <i>Neuroscience of Consciousness</i> , 2017, 2017, niw024.	2.6	2
57	Time-order-errors and duration ranges in the Episodic Temporal Generalization task. <i>Scientific Reports</i> , 2017, 7, 2643.	3.3	1
58	Cambridge Psycholinguistic Inventory of Christian Beliefs: A registered report of construct validity, internal consistency and test-retest reliability. <i>Behavior Research Methods</i> , 2021, , 1.	4.0	1