

# Torsten WÃ¼stenberg

## List of Publications by Year in descending order

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Version: 2024-02-01

85  
papers

6,201  
citations

94433

37  
h-index

69250

77  
g-index

92  
all docs

92  
docs citations

92  
times ranked

8106  
citing authors

#	ARTICLE	IF	CITATIONS
1	Dysfunction of ventral striatal reward prediction in schizophrenia. <i>NeuroImage</i> , 2006, 29, 409-416.	4.2	525
2	Dysfunction of reward processing correlates with alcohol craving in detoxified alcoholics. <i>NeuroImage</i> , 2007, 35, 787-794.	4.2	434
3	Ventral Striatal Activation During Reward Anticipation Correlates with Impulsivity in Alcoholics. <i>Biological Psychiatry</i> , 2009, 66, 734-742.	1.3	412
4	Women and men exhibit different cortical activation patterns during mental rotation tasks. <i>Neuropsychologia</i> , 2002, 40, 2397-2408.	1.6	326
5	Dysfunction of ventral striatal reward prediction in schizophrenic patients treated with typical, not atypical, neuroleptics. <i>Psychopharmacology</i> , 2006, 187, 222-228.	3.1	297
6	Phonetic Perception and the Temporal Cortex. <i>NeuroImage</i> , 2002, 15, 733-746.	4.2	283
7	Effect of Brain Structure, Brain Function, and Brain Connectivity on Relapse in Alcohol-Dependent Patients. <i>Archives of General Psychiatry</i> , 2012, 69, 842.	12.3	241
8	The neural basis of the egocentric and allocentric spatial frame of reference. <i>Brain Research</i> , 2007, 1137, 92-103.	2.2	227
9	Reduced Prefrontal-Parietal Effective Connectivity and Working Memory Deficits in Schizophrenia. <i>Journal of Neuroscience</i> , 2012, 32, 12-20.	3.6	205
10	The stress-buffering effect of acute exercise: Evidence for HPA axis negative feedback. <i>Psychoneuroendocrinology</i> , 2015, 51, 414-425.	2.7	177
11	Plasticity of Cortical Activation Related to Working Memory During Training. <i>American Journal of Psychiatry</i> , 2004, 161, 745-747.	7.2	148
12	Evidence for rapid auditory perception as the foundation of speech processing: a sparse temporal sampling fMRI study. <i>European Journal of Neuroscience</i> , 2004, 20, 2447-2456.	2.6	134
13	Asymmetric hemodynamic responses of the human auditory cortex to monaural and binaural stimulation. <i>Hearing Research</i> , 2002, 170, 166-178.	2.0	127
14	Short-term functional plasticity in the human auditory cortex: an fMRI study. <i>Cognitive Brain Research</i> , 2001, 12, 479-485.	3.0	122
15	Spatial Attention Related SEP Amplitude Modulations Covary with BOLD Signal in S1—A Simultaneous EEG—fMRI Study. <i>Cerebral Cortex</i> , 2008, 18, 2686-2700.	2.9	118
16	Working Memory Load-Dependent Brain Response Predicts Behavioral Training Gains in Older Adults. <i>Journal of Neuroscience</i> , 2014, 34, 1224-1233.	3.6	109
17	Higher volume of ventral striatum and right prefrontal cortex in pathological gambling. <i>Brain Structure and Function</i> , 2015, 220, 469-477.	2.3	107
18	Neurological soft signs and brain morphology in first-episode schizophrenia. <i>Psychological Medicine</i> , 2009, 39, 371-379.	4.5	101

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19	Asymmetry of cortical activation during maximum and convenient tapping speed. <i>Neuroscience Letters</i> , 2004, 373, 61-66.	2.1	97
20	Cue reactivity and its inhibition in pathological computer game players. <i>Addiction Biology</i> , 2013, 18, 134-146.	2.6	96
21	Ventral striatal prediction error signaling is associated with dopamine synthesis capacity and fluid intelligence. <i>Human Brain Mapping</i> , 2013, 34, 1490-1499.	3.6	94
22	Long-term training affects cerebellar processing in skilled keyboard players. <i>NeuroReport</i> , 2004, 15, 1279-1282.	1.2	92
23	The relationship between level of processing and hippocampal cortical functional connectivity during episodic memory formation in humans. <i>Human Brain Mapping</i> , 2013, 34, 407-424.	3.6	81
24	Bimanual versus unimanual coordination: what makes the difference?. <i>NeuroImage</i> , 2004, 22, 1336-1350.	4.2	79
25	Recombinant human erythropoietin delays loss of gray matter in chronic schizophrenia. <i>Molecular Psychiatry</i> , 2011, 16, 26-36.	7.9	78
26	Pathological gambling and alcohol dependence: neural disturbances in reward and loss avoidance processing. <i>Addiction Biology</i> , 2015, 20, 557-569.	2.6	73
27	Structural Changes of the Corpus Callosum in Mild Cognitive Impairment and Alzheimer's Disease. <i>Dementia and Geriatric Cognitive Disorders</i> , 2006, 21, 215-220.	1.5	67
28	Morphological Cerebral Correlates of CERAD Test Performance in Mild Cognitive Impairment and Alzheimer's Disease. <i>Journal of Alzheimer's Disease</i> , 2011, 23, 411-420.	2.6	63
29	Larger amygdala volume in first-degree relatives of patients with major depression. <i>NeuroImage: Clinical</i> , 2014, 5, 62-68.	2.7	57
30	Trait anxiety modulates fronto-limbic processing of emotional interference in borderline personality disorder. <i>Frontiers in Human Neuroscience</i> , 2013, 7, 54.	2.0	52
31	Reduced loss aversion in pathological gambling and alcohol dependence is associated with differential alterations in amygdala and prefrontal functioning. <i>Scientific Reports</i> , 2017, 7, 16306.	3.3	52
32	Switching schizophrenia patients from typical neuroleptics to aripiprazole: Effects on working memory dependent functional activation. <i>Schizophrenia Research</i> , 2010, 118, 189-200.	2.0	51
33	The vicious circle of social exclusion and psychopathology: a systematic review of experimental ostracism research in psychiatric disorders. <i>European Archives of Psychiatry and Clinical Neuroscience</i> , 2020, 270, 521-532.	3.2	51
34	Switching schizophrenia patients from typical neuroleptics to olanzapine: Effects on BOLD response during attention and working memory. <i>European Neuropsychopharmacology</i> , 2008, 18, 589-599.	0.7	50
35	Gradual acquisition of visuospatial associative memory representations via the dorsal precuneus. <i>Human Brain Mapping</i> , 2019, 40, 1554-1570.	3.6	49
36	Epistatic interaction of genetic depression risk variants in the human subgenual cingulate cortex during memory encoding. <i>Translational Psychiatry</i> , 2014, 4, e372-e372.	4.8	46

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37	Neuromodulation in response to electroconvulsive therapy in schizophrenia and major depression. <i>Brain Stimulation</i> , 2017, 10, 637-644.	1.6	45
38	Bupropion for the treatment of apathy in Huntington's disease: A multicenter, randomised, double-blind, placebo-controlled, prospective crossover trial. <i>PLoS ONE</i> , 2017, 12, e0173872.	2.5	43
39	Predicting the future relapse of alcohol-dependent patients from structural and functional brain images. <i>Addiction Biology</i> , 2015, 20, 1042-1055.	2.6	40
40	Modelling and analysis of time-variant directed interrelations between brain regions based on BOLD-signals. <i>NeuroImage</i> , 2009, 45, 722-737.	4.2	35
41	Mirrored or identical? Is the role of visual perception underestimated in the mental rotation process of 3D-objects?: A combined fMRI-eye tracking-study. <i>Neuropsychologia</i> , 2012, 50, 1844-1851.	1.6	34
42	Sex Differences in Left/Right Confusion. <i>Cortex</i> , 2006, 42, 69-78.	2.4	29
43	A negative relationship between ventral striatal loss anticipation response and impulsivity in borderline personality disorder. <i>NeuroImage: Clinical</i> , 2016, 12, 724-736.	2.7	29
44	Acute Exercise Influences Reward Processing in Highly Trained and Untrained Men. <i>Medicine and Science in Sports and Exercise</i> , 2013, 45, 583-591.	0.4	28
45	Influence of Familial Risk for Depression on Cortico-Limbic Connectivity During Implicit Emotional Processing. <i>Neuropsychopharmacology</i> , 2017, 42, 1729-1738.	5.4	26
46	A methodological checklist for fMRI drug cue reactivity studies: development and expert consensus. <i>Nature Protocols</i> , 2022, 17, 567-595.	12.0	26
47	Motivational salience modulates hippocampal repetition suppression and functional connectivity in humans. <i>Frontiers in Human Neuroscience</i> , 2011, 5, 144.	2.0	25
48	Genetic Variation of the Serotonin 2a Receptor Affects Hippocampal Novelty Processing in Humans. <i>PLoS ONE</i> , 2011, 6, e15984.	2.5	25
49	Motivational salience and genetic variability of dopamine D2 receptor expression interact in the modulation of interference processing. <i>Frontiers in Human Neuroscience</i> , 2013, 7, 250.	2.0	25
50	Neurocan genome-wide psychiatric risk variant affects explicit memory performance and hippocampal function in healthy humans. <i>European Journal of Neuroscience</i> , 2021, 53, 3942-3959.	2.6	25
51	Effects of high-dose baclofen on cue reactivity in alcohol dependence: A randomized, placebo-controlled pharmac-fMRI study. <i>European Neuropsychopharmacology</i> , 2018, 28, 1206-1216.	0.7	24
52	Amygdala functional connectivity in major depression – disentangling markers of pathology, risk and resilience. <i>Psychological Medicine</i> , 2020, 50, 2740-2750.	4.5	24
53	A Potential Role for a Genetic Variation of AKAP5 in Human Aggression and Anger Control. <i>Frontiers in Human Neuroscience</i> , 2011, 5, 175.	2.0	23
54	Reduced Gray to White Matter Tissue Intensity Contrast in Schizophrenia. <i>PLoS ONE</i> , 2012, 7, e37016.	2.5	23

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55	Hippocampal and entorhinal cortex volume decline in cognitively intact elderly. <i>Psychiatry Research - Neuroimaging</i> , 2013, 211, 31-36.	1.8	23
56	Gender-specific modulation of neural mechanisms underlying social reward processing by Autism Quotient. <i>Social Cognitive and Affective Neuroscience</i> , 2015, 10, 1537-1547.	3.0	23
57	Genetic variation of the RASGRF1 regulatory region affects human hippocampus-dependent memory. <i>Frontiers in Human Neuroscience</i> , 2014, 8, 260.	2.0	22
58	Self-attribution bias during continuous action-effect monitoring in patients with schizophrenia. <i>Schizophrenia Research</i> , 2014, 152, 33-40.	2.0	22
59	Reduced Speech Perceptual Acuity for Stop Consonants in Individuals Who Stutter. <i>Journal of Speech, Language, and Hearing Research</i> , 2012, 55, 276-289.	1.6	21
60	Fronto-limbic novelty processing in acute psychosis: disrupted relationship with memory performance and potential implications for delusions. <i>Frontiers in Behavioral Neuroscience</i> , 2015, 9, 144.	2.0	21
61	Behavioral and Neural Manifestations of Reward Memory in Carriers of Low-Expressing versus High-Expressing Genetic Variants of the Dopamine D2 Receptor. <i>Frontiers in Psychology</i> , 2017, 8, 654.	2.1	19
62	EPO treatment preserves gray matter in discrete brain regions of chronic schizophrenic patients: indication of areas with most progressive neurodegeneration inherent to the disease process. <i>Molecular Psychiatry</i> , 2011, 16, 1-1.	7.9	17
63	Subjective illusion of control modulates striatal reward anticipation in adolescence. <i>NeuroImage</i> , 2015, 117, 250-257.	4.2	17
64	Aberrant brain structural large-scale connectome in Crohn's disease. <i>Neurogastroenterology and Motility</i> , 2019, 31, e13593.	3.0	17
65	Calibrated LCD/TFT stimulus presentation for visual psychophysics in fMRI. <i>Journal of Neuroscience Methods</i> , 2002, 121, 103-110.	2.5	16
66	Neural correlates of the interaction between transient and sustained processes: A mixed blocked/event-related fMRI study. <i>Human Brain Mapping</i> , 2006, 27, 545-551.	3.6	14
67	Imaging triadic interactions simultaneously activates mirror and mentalizing systems. <i>NeuroImage</i> , 2014, 98, 314-323.	4.2	14
68	Signal Informatics as an Advanced Integrative Concept in the Framework of Medical Informatics. <i>Methods of Information in Medicine</i> , 2009, 48, 18-28.	1.2	13
69	Effects of AKAP5 Pro100Leu Genotype on Working Memory for Emotional Stimuli. <i>PLoS ONE</i> , 2013, 8, e55613.	2.5	12
70	Common modules for processing invalidly cued events in the human cortex. <i>Brain Research</i> , 2006, 1109, 128-141.	2.2	8
71	The Neural Network of Spatial Cognition and its Modulation by Biological and Environmental Factors. <i>Journal of Individual Differences</i> , 2010, 31, 83-90.	1.0	8
72	Parallel interhemispheric processing in hemineglect: Relation to visual field defects. <i>Neuropsychologia</i> , 2009, 47, 2397-2408.	1.6	7

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73	Sequential Social Exclusion in a Novel Cyberball Paradigm Leads to Reduced Behavioral Repair and Plasma Oxytocin in Borderline Personality Disorder. <i>Journal of Personality Disorders</i> , 2022, 36, 99-115.	1.4	6
74	The ToMenovela â€“ A Photograph-Based Stimulus Set for the Study of Social Cognition with High Ecological Validity. <i>Frontiers in Psychology</i> , 2016, 7, 1883.	2.1	5
75	Separating Fusion from Rivalry. <i>PLoS ONE</i> , 2014, 9, e103037.	2.5	3
76	Altered immediate behavioral response to partial social exclusion: A cross-diagnostic study in patients with borderline personality disorder and persistent depressive disorder. <i>Journal of Psychiatric Research</i> , 2021, 144, 177-183.	3.1	3
77	Trunk rotation affects temporal order judgments with direct saccades: Influence of handedness. <i>Neuropsychologia</i> , 2015, 79, 123-137.	1.6	2
78	Trunk rotation and handedness modulate cortical activation in neglect-associated regions during temporal order judgments. <i>NeuroImage: Clinical</i> , 2019, 23, 101898.	2.7	2
79	Emotional experience in patients with clinically isolated syndrome and early multiple sclerosis. <i>European Journal of Neurology</i> , 2020, 27, 1537-1545.	3.3	1
80	Neural correlates of RDoC-specific cognitive processes in a high-functional autistic patient: a statistically validated case report. <i>Journal of Neural Transmission</i> , 2021, 128, 845-859.	2.8	1
81	FC07-03 - Neurological soft signs and morphological changes of basal ganglia and thalamus in patients with first-episode psychosis. <i>European Psychiatry</i> , 2011, 26, 1848-1848.	0.2	0
82	FC18-04 - Cue-induced brain activation mediates subsequent relapse in abstinent alcohol-dependent patients. <i>European Psychiatry</i> , 2011, 26, 1913-1913.	0.2	0
83	M3â€¦Study participation but not the antidepressant bupropion reduces apathy in huntingtonâ€™s disease. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2016, 87, A102.1-A102.	1.9	0
84	Laterality patterns in relation to schizophrenia patients' age at onset. <i>Laterality</i> , 2020, 25, 349-362.	1.0	0
85	Visual Fusion and Binocular Rivalry in Cortical Visual Areas. <i>Journal of Vision</i> , 2010, 10, 360-360.	0.3	0