

Stephan Bender

List of Publications by Year in descending order

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Version: 2024-02-01

54
papers

2,914
citations

331259

21
h-index

174990

52
g-index

56
all docs

56
docs citations

56
times ranked

6104
citing authors

#	ARTICLE	IF	CITATIONS
1	Fearful facial expressions reduce inhibition levels in the dorsolateral prefrontal cortex in subjects with specific phobia. <i>Depression and Anxiety</i> , 2022, 39, 26-36.	2.0	2
2	Topography and lateralization of long-latency trigeminal somatosensory evoked potentials. <i>Clinical Neurophysiology</i> , 2022, 135, 37-50.	0.7	3
3	What makes somatosensory short-term memory maintenance effective? An EEG study comparing contralateral delay activity between sighted participants and participants who are blind. <i>NeuroImage</i> , 2022, 259, 119407.	2.1	1
4	Local Differences in Cortical Excitability – A Systematic Mapping Study of the TMS-Evoked N100 Component. <i>Frontiers in Neuroscience</i> , 2021, 15, 623692.	1.4	5
5	Single-Pulse TMS to the Temporo-Occipital and Dorsolateral Prefrontal Cortex Evokes Lateralized Long Latency EEG Responses at the Stimulation Site. <i>Frontiers in Neuroscience</i> , 2021, 15, 616667.	1.4	8
6	Differential effects of ergometer-cycling and Whole-Body-Vibration training on serological BDNF and IGF-1 in the treatment of adolescent depression - is there an impact of BDNFp.Val66Met variants?. <i>Physiology and Behavior</i> , 2021, 241, 113596.	1.0	5
7	M79. COMPONENTS OF VISUAL SEARCH IN EARLY-ONSET SCHIZOPHRENIA, ADHD AND ASD: AN EYE TRACKING STUDY. <i>Schizophrenia Bulletin</i> , 2020, 46, S164-S165.	2.3	0
8	Dissociating Slow Responses From Slow Responding. <i>Frontiers in Psychiatry</i> , 2020, 11, 505800.	1.3	2
9	Late attentional processes potentially compensate for early perceptual multisensory integration deficits in children with autism: evidence from evoked potentials. <i>Scientific Reports</i> , 2020, 10, 16157.	1.6	4
10	Physical Activity for the Treatment of Adolescent Depression: A Systematic Review and Meta-Analysis. <i>Frontiers in Physiology</i> , 2020, 11, 185.	1.3	52
11	Bereitschaftspotential and lateralized readiness potential in children with attention deficit hyperactivity disorder: altered motor system activation and effects of methylphenidate. <i>European Neuropsychopharmacology</i> , 2019, 29, 960-970.	0.3	9
12	Modulating functional connectivity between medial frontopolar cortex and amygdala by inhibitory and excitatory transcranial magnetic stimulation. <i>Human Brain Mapping</i> , 2019, 40, 4301-4315.	1.9	26
13	ADHD Traits in German School-Aged Children: Validation of the German Strengths and Weaknesses of ADHS Symptoms and Normal Behavior (SWAN-DE) Scale. <i>Journal of Attention Disorders</i> , 2019, 23, 553-562.	1.5	8
14	Facilitation of biological motion processing by group-based autism specific social skills training. <i>Autism Research</i> , 2018, 11, 1376-1387.	2.1	4
15	Effects of a 6-week, whole-body vibration strength-training on depression symptoms, endocrinological and neurobiological parameters in adolescent inpatients experiencing a major depressive episode (the ‘Balancing Vibrations Study’): study protocol for a randomized placebo-controlled trial. <i>Trials</i> , 2018, 19, 347.	0.7	14
16	Neural Correlates of Explicit Versus Implicit Facial Emotion Processing in ASD. <i>Journal of Autism and Developmental Disorders</i> , 2017, 47, 1944-1955.	1.7	29
17	Amygdala Regulation Following fMRI-Neurofeedback without Instructed Strategies. <i>Frontiers in Human Neuroscience</i> , 2016, 10, 183.	1.0	45
18	Maturation of interhemispheric signal propagation in autism spectrum disorder and typically developing controls: a TMS-EEG study. <i>Journal of Neural Transmission</i> , 2016, 123, 925-935.	1.4	29

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19	Time-resolved neuroimaging of visual short term memory consolidation by post-perceptual attention shifts. <i>NeuroImage</i> , 2016, 125, 964-977.	2.1	11
20	Variability of single trial brain activation predicts fluctuations in reaction time. <i>Biological Psychology</i> , 2015, 106, 50-60.	1.1	22
21	Elevated P3b latency variability in carriers of ZNF804A risk allele for psychosis. <i>NeuroImage</i> , 2015, 116, 207-213.	2.1	10
22	Increased reaction time variability in attention-deficit hyperactivity disorder as a response-related phenomenon: evidence from single-trial event-related potentials. <i>Journal of Child Psychology and Psychiatry and Allied Disciplines</i> , 2015, 56, 801-813.	3.1	47
23	Annual Research Review: Reaction time variability in <scp>ADHD</scp> and autism spectrum disorders: measurement and mechanisms of a proposed transdiagnostic phenotype. <i>Journal of Child Psychology and Psychiatry and Allied Disciplines</i> , 2014, 55, 685-710.	3.1	217
24	Olfactory short-term memory encoding and maintenance – An event-related potential study. <i>NeuroImage</i> , 2014, 98, 475-486.	2.1	8
25	Auditory post-processing in a passive listening task is deficient in Alzheimer’s disease. <i>Clinical Neurophysiology</i> , 2014, 125, 53-62.	0.7	11
26	Motor cortical inhibition in ADHD: modulation of the transcranial magnetic stimulation-evoked N100 in a response control task. <i>Journal of Neural Transmission</i> , 2014, 121, 315-325.	1.4	29
27	Visual event-related potentials to biological motion stimuli in autism spectrum disorders. <i>Social Cognitive and Affective Neuroscience</i> , 2014, 9, 1214-1222.	1.5	42
28	A Genome-wide Association Analysis of a Broad Psychosis Phenotype Identifies Three Loci for Further Investigation. <i>Biological Psychiatry</i> , 2014, 75, 386-397.	0.7	44
29	Genome-wide association analysis identifies 13 new risk loci for schizophrenia. <i>Nature Genetics</i> , 2013, 45, 1150-1159.	9.4	1,395
30	On the Temporal Characteristics of Performance Variability in Attention Deficit Hyperactivity Disorder (ADHD). <i>PLoS ONE</i> , 2013, 8, e69674.	1.1	33
31	Cortical inhibition in attention deficit hyperactivity disorder: new insights from the electroencephalographic response to transcranial magnetic stimulation. <i>Brain</i> , 2012, 135, 2215-2230.	3.7	76
32	Lateralized movement-related potential amplitudes differentiate between schizophrenia/schizoaffective disorder and major depression. <i>Clinical Neurophysiology</i> , 2012, 123, 1549-1560.	0.7	3
33	Cortical post-movement and sensory processing disentangled by temporary deafferentation. <i>NeuroImage</i> , 2012, 59, 1582-1593.	2.1	7
34	Time-Resolved Influences of Functional DAT1 and COMT Variants on Visual Perception and Post-Processing. <i>PLoS ONE</i> , 2012, 7, e41552.	1.1	15
35	Monitoring Cortical Excitability during Repetitive Transcranial Magnetic Stimulation in Children with ADHD: A Single-Blind, Sham-Controlled TMS-EEG Study. <i>PLoS ONE</i> , 2012, 7, e50073.	1.1	41
36	Movement-related potentials point towards an impaired tuning of reafferent sensory feedback by preceding motor activation in schizophrenia. <i>Psychiatry Research - Neuroimaging</i> , 2012, 202, 65-73.	0.9	3

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37	Dopamine Inactivation Efficacy Related to Functional DAT1 and COMT Variants Influences Motor Response Evaluation. PLoS ONE, 2012, 7, e37814.	1.1	12
38	Influence of Stimulant Medication and Response Speed on Lateralization of Movement-Related Potentials in Attention-Deficit/Hyperactivity Disorder. PLoS ONE, 2012, 7, e39012.	1.1	6
39	Maturation of P300 amplitude and short-term learning as reflected by P300 habituation between trial blocks in children. International Journal of Psychophysiology, 2011, 79, 184-194.	0.5	17
40	Cortical inhibition at rest and under a focused attention challenge in adults with migraine with and without aura. Cephalalgia, 2011, 31, 914-924.	1.8	12
41	Transmodal comparison of auditory, motor, and visual post-processing with and without intentional short-term memory maintenance. Clinical Neurophysiology, 2010, 121, 2044-2064.	0.7	16
42	Functional and Structural Endophenotypes in Schizophrenia. , 2009, , 67-85.		0
43	Slow cortical potentials in human aversive trace conditioning. International Journal of Psychophysiology, 2008, 69, 41-51.	0.5	12
44	Intra-individual reaction time variability in schizophrenia, depression and borderline personality disorder. Brain and Cognition, 2008, 66, 73-82.	0.8	137
45	Stereotyped topography of different elevated contingent negative variation components in children with migraine without aura points towards a subcortical dysfunction. Pain, 2007, 127, 221-233.	2.0	20
46	Increased event-related potential latency and amplitude variability in schizophrenia detected through wavelet-based single trial analysis. International Journal of Psychophysiology, 2007, 66, 244-254.	0.5	39
47	Am I safe? The ventrolateral prefrontal cortex "detects" when an unpleasant event does not occur. NeuroImage, 2007, 38, 367-385.	2.1	14
48	Cortical motor areas are activated early in a characteristic sequence during post-movement processing. NeuroImage, 2006, 32, 333-351.	2.1	19
49	Frontal lobe involvement in the processing of meaningful auditory stimuli develops during childhood and adolescence. NeuroImage, 2006, 33, 759-773.	2.1	40
50	Electroencephalographic response to transcranial magnetic stimulation in children: Evidence for giant inhibitory potentials. Annals of Neurology, 2005, 58, 58-67.	2.8	112
51	How do children prepare to react? Imaging maturation of motor preparation and stimulus anticipation by late contingent negative variation. NeuroImage, 2005, 27, 737-752.	2.1	73
52	Motor processing after movement execution as revealed by evoked and induced activity. Cognitive Brain Research, 2004, 21, 49-58.	3.3	28
53	Pattern-reversal visual-evoked potentials in children with migraine and other primary headache: evidence for maturation disorder?. Pain, 2004, 108, 267-275.	2.0	31
54	Specific task anticipation versus unspecific orienting reaction during early contingent negative variation. Clinical Neurophysiology, 2004, 115, 1836-1845.	0.7	63