

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 | Genome-wide association analysis identifies 13 new risk loci for schizophrenia. <i>Nature Genetics</i> , 2013, 45, 1150-1159. | 9.4 | 1,395 |
| 2 | Annual Research Review: Reaction time variability in <scp>ADHD</scp> and autism spectrum disorders: measurement and mechanisms of a proposed transâ€diagnostic phenotype. <i>Journal of Child Psychology and Psychiatry and Allied Disciplines</i> , 2014, 55, 685-710. | 3.1 | 217 |
| 3 | Intra-individual reaction time variability in schizophrenia, depression and borderline personality disorder. <i>Brain and Cognition</i> , 2008, 66, 73-82. | 0.8 | 137 |
| 4 | Electroencephalographic response to transcranial magnetic stimulation in children: Evidence for giant inhibitory potentials. <i>Annals of Neurology</i> , 2005, 58, 58-67. | 2.8 | 112 |
| 5 | 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 |
| 6 | How do children prepare to react? Imaging maturation of motor preparation and stimulus anticipation by late contingent negative variation. <i>NeuroImage</i> , 2005, 27, 737-752. | 2.1 | 73 |
| 7 | Specific task anticipation versus unspecific orienting reaction during early contingent negative variation. <i>Clinical Neurophysiology</i> , 2004, 115, 1836-1845. | 0.7 | 63 |
| 8 | 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 |
| 9 | Increased reaction time variability in attentionâ€deficit hyperactivity disorder as a responseâ€related phenomenon: evidence from singleâ€trial eventâ€related potentials. <i>Journal of Child Psychology and Psychiatry and Allied Disciplines</i> , 2015, 56, 801-813. | 3.1 | 47 |
| 10 | Amygdala Regulation Following fMRI-Neurofeedback without Instructed Strategies. <i>Frontiers in Human Neuroscience</i> , 2016, 10, 183. | 1.0 | 45 |
| 11 | 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 |
| 12 | 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 |
| 13 | 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 |
| 14 | Frontal lobe involvement in the processing of meaningful auditory stimuli develops during childhood and adolescence. <i>NeuroImage</i> , 2006, 33, 759-773. | 2.1 | 40 |
| 15 | Increased event-related potential latency and amplitude variability in schizophrenia detected through wavelet-based single trial analysis. <i>International Journal of Psychophysiology</i> , 2007, 66, 244-254. | 0.5 | 39 |
| 16 | On the Temporal Characteristics of Performance Variability in Attention Deficit Hyperactivity Disorder (ADHD). <i>PLoS ONE</i> , 2013, 8, e69674. | 1.1 | 33 |
| 17 | Pattern-reversal visual-evoked potentials in children with migraine and other primary headache: evidence for maturation disorder?. <i>Pain</i> , 2004, 108, 267-275. | 2.0 | 31 |
| 18 | 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 |

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|----|---|-----|-----------|
| 19 | 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 |
| 20 | 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 |
| 21 | Motor processing after movement execution as revealed by evoked and induced activity. <i>Cognitive Brain Research</i> , 2004, 21, 49-58. | 3.3 | 28 |
| 22 | 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 |
| 23 | Variability of single trial brain activation predicts fluctuations in reaction time. <i>Biological Psychology</i> , 2015, 106, 50-60. | 1.1 | 22 |
| 24 | Stereotyped topography of different elevated contingent negative variation components in children with migraine without aura points towards a subcortical dysfunction. <i>Pain</i> , 2007, 127, 221-233. | 2.0 | 20 |
| 25 | Cortical motor areas are activated early in a characteristic sequence during post-movement processing. <i>NeuroImage</i> , 2006, 32, 333-351. | 2.1 | 19 |
| 26 | Maturation of P300 amplitude and short-term learning as reflected by P300 habituation between trial blocks in children. <i>International Journal of Psychophysiology</i> , 2011, 79, 184-194. | 0.5 | 17 |
| 27 | Transmodal comparison of auditory, motor, and visual post-processing with and without intentional short-term memory maintenance. <i>Clinical Neurophysiology</i> , 2010, 121, 2044-2064. | 0.7 | 16 |
| 28 | 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 |
| 29 | Am I safe? The ventrolateral prefrontal cortex "detects" when an unpleasant event does not occur. <i>NeuroImage</i> , 2007, 38, 367-385. | 2.1 | 14 |
| 30 | 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 |
| 31 | Slow cortical potentials in human aversive trace conditioning. <i>International Journal of Psychophysiology</i> , 2008, 69, 41-51. | 0.5 | 12 |
| 32 | Cortical inhibition at rest and under a focused attention challenge in adults with migraine with and without aura. <i>Cephalalgia</i> , 2011, 31, 914-924. | 1.8 | 12 |
| 33 | Dopamine Inactivation Efficacy Related to Functional DAT1 and COMT Variants Influences Motor Response Evaluation. <i>PLoS ONE</i> , 2012, 7, e37814. | 1.1 | 12 |
| 34 | 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 |
| 35 | Time-resolved neuroimaging of visual short term memory consolidation by post-perceptual attention shifts. <i>NeuroImage</i> , 2016, 125, 964-977. | 2.1 | 11 |
| 36 | Elevated P3b latency variability in carriers of ZNF804A risk allele for psychosis. <i>NeuroImage</i> , 2015, 116, 207-213. | 2.1 | 10 |

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|----|---|-----|-----------|
| 37 | 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 |
| 38 | Olfactory short-term memory encoding and maintenance – An event-related potential study. <i>NeuroImage</i> , 2014, 98, 475-486. | 2.1 | 8 |
| 39 | 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 |
| 40 | 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 |
| 41 | Cortical post-movement and sensory processing disentangled by temporary deafferentation. <i>NeuroImage</i> , 2012, 59, 1582-1593. | 2.1 | 7 |
| 42 | Influence of Stimulant Medication and Response Speed on Lateralization of Movement-Related Potentials in Attention-Deficit/Hyperactivity Disorder. <i>PLoS ONE</i> , 2012, 7, e39012. | 1.1 | 6 |
| 43 | 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 |
| 44 | 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 |
| 45 | Facilitation of biological motion processing by group-based autism specific social skills training. <i>Autism Research</i> , 2018, 11, 1376-1387. | 2.1 | 4 |
| 46 | 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 |
| 47 | Lateralized movement-related potential amplitudes differentiate between schizophrenia/schizoaffective disorder and major depression. <i>Clinical Neurophysiology</i> , 2012, 123, 1549-1560. | 0.7 | 3 |
| 48 | 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 |
| 49 | Topography and lateralization of long-latency trigeminal somatosensory evoked potentials. <i>Clinical Neurophysiology</i> , 2022, 135, 37-50. | 0.7 | 3 |
| 50 | Dissociating Slow Responses From Slow Responding. <i>Frontiers in Psychiatry</i> , 2020, 11, 505800. | 1.3 | 2 |
| 51 | 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 |
| 52 | 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 |
| 53 | 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 |
| 54 | Functional and Structural Endophenotypes in Schizophrenia. , 2009, , 67-85. | | 0 |