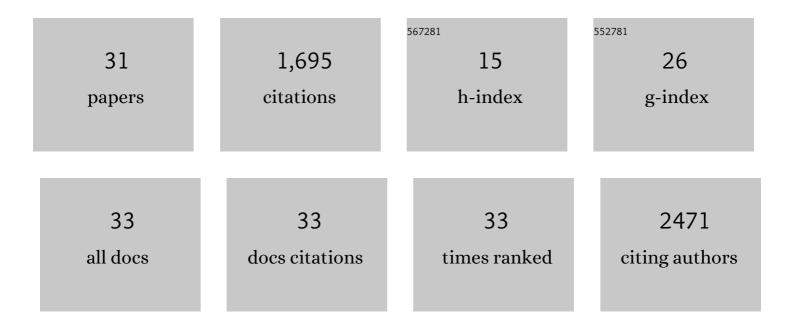
## William J Bosl

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Seizure detection, seizure prediction, and closed-loop warning systems in epilepsy. Epilepsy and Behavior, 2014, 37, 291-307.	1.7	377
2	EEG complexity as a biomarker for autism spectrum disorder risk. BMC Medicine, 2011, 9, 18.	5.5	373
3	EEG Analytics for Early Detection of Autism Spectrum Disorder: A data-driven approach. Scientific Reports, 2018, 8, 6828.	3.3	223
4	Aftershocks and pore fluid diffusion following the 1992 Landers earthquake. Journal of Geophysical Research, 2002, 107, ESE 17-1-ESE 17-12.	3.3	109
5	A study of porosity and permeability using a lattice Boltzmann simulation. Geophysical Research Letters, 1998, 25, 1475-1478.	4.0	89
6	Systems biology by the rules: hybrid intelligent systems for pathway modeling and discovery. BMC Systems Biology, 2007, 1, 13.	3.0	59
7	Nonlinear EEG biomarker profiles for autism and absence epilepsy. Neuropsychiatric Electrophysiology, 2017, 3, .	4.1	55
8	Mitotic-Exit Control as an Evolved Complex System. Cell, 2005, 121, 325-333.	28.9	47
9	Permeability-porosity transforms from small sandstone fragments. Geophysics, 2006, 71, N11-N19.	2.6	47
10	Rule-Based Cell Systems Model of Aging using Feedback Loop Motifs Mediated by Stress Responses. PLoS Computational Biology, 2010, 6, e1000820.	3.2	45
11	How Useful Is Electroencephalography in the Diagnosis of Autism Spectrum Disorders and the Delineation of Subtypes: A Systematic Review. Frontiers in Psychiatry, 2017, 8, 121.	2.6	45
12	Prevalence of dyslipidemia associated with complications in diabetic patients: a nationwide study in Thailand. Lipids in Health and Disease, 2019, 18, 90.	3.0	45
13	Analysis of subsurface contaminant migration and remediation using high performance computing. Advances in Water Resources, 1998, 22, 203-221.	3.8	37
14	Automated quantification of spikes. Epilepsy and Behavior, 2013, 26, 143-152.	1.7	29
15	A Numerical Simulation of Groundwater Flow and Contaminant Transport on the CRAY T3D and C90 Supercomputers. International Journal of High Performance Computing Applications, 1999, 13, 80-93.	3.7	24
16	Prediction of autism spectrum disorder diagnosis using nonlinear measures of language-related EEG at 6 and 12 months. Journal of Neurodevelopmental Disorders, 2021, 13, 57.	3.1	16
17	Nonlinear Analysis of Visually Normal EEGs to Differentiate Benign Childhood Epilepsy with Centrotemporal Spikes (BECTS). Scientific Reports, 2020, 10, 8419.	3.3	14
18	Scalable Decision Support at the Point of Care: A Substitutable Electronic Health Record App for Monitoring Medication Adherence. Interactive Journal of Medical Research, 2013, 2, e13.	1.4	13

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#	Article	IF	CITATIONS
19	Prediction of Seizure Recurrence. A Note of Caution. Frontiers in Neurology, 2021, 12, 675728.	2.4	12
20	The role of noise and positive feedback in the onset of autosomal dominant diseases. BMC Systems Biology, 2010, 4, 93.	3.0	10
21	Crustal fluids and earthquakes. Geophysical Monograph Series, 2000, , 267-284.	0.1	8
22	Measuring the effects of sleep on epileptogenicity with multifrequency entropy. Clinical Neurophysiology, 2021, 132, 2012-2018.	1.5	5
23	Response: Infant EEG activity as a biomarker for autism: A promising approach or a false promise?. BMC Medicine, 2011, 9, 60.	5.5	4
24	Coarse-graining and the Haar wavelet transform for multiscale analysis. Bioelectronic Medicine, 2022, 8, 3.	2.3	4
25	The Emerging Role of Neurodiagnostic Informatics in Integrated Neurological and Mental Health Care. Neurodiagnostic Journal,the, 2018, 58, 143-153.	0.1	3
26	Modeling complex crustal processes. Geophysical Monograph Series, 2000, , 245-265.	0.1	1
27	Measuring Real-Time Medication Effects From Electroencephalography. Journal of Clinical Neurophysiology, 2024, 41, 72-82.	1.7	1
28	Latticeâ $\in$ Boltzmann simulation of permeability in granular rocks. , 1997, , .		0
29	Multiscale data reduction with flexible saliency criterion for biological image analysis. , 2009, 2009, 3703-6.		Ο
30	A Scalable Automated Diagnostic Feature Extraction System for EEGs. , 2019, , .		0
31	EEG-Derived Neurophenotypes. Innovations in Cognitive Neuroscience, 2016, , 263-282.	0.3	Ο