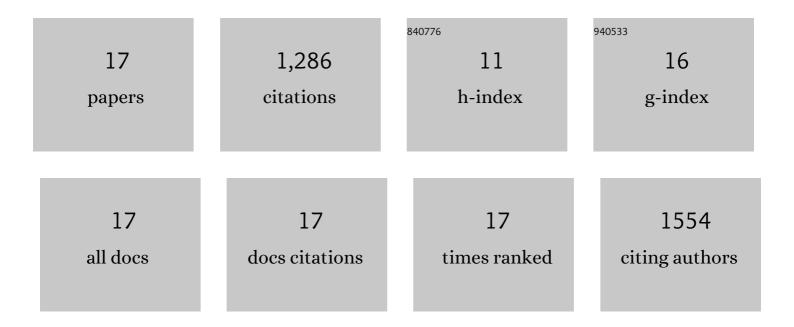
David A Friedenberg

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/4504599/publications.pdf Version: 2024-02-01



DAVID A EDIEDENBERC

#	Article	IF	CITATIONS
1	Dynamic detection and reversal of myocardial ischemia using an artificially intelligent bioelectronic medicine. Science Advances, 2022, 8, eabj5473.	10.3	4
2	Sense of agency for intracortical brain–machine interfaces. Nature Human Behaviour, 2022, 6, 565-578.	12.0	15
3	A procedure to detect and identify specific chemicals of potential inhalation toxicity concern in aerosols. Inhalation Toxicology, 2022, , 1-15.	1.6	1
4	Decoding hand and Wrist Movement Intention From Chronic Stroke Survivors With Hemiparesis Using A Wearable, User-Centric Neural Interface. Archives of Physical Medicine and Rehabilitation, 2022, 103, e14-e15.	0.9	3
5	Motor neuroprosthesis implanted with neurointerventional surgery improves capacity for activities of daily living tasks in severe paralysis: first in-human experience. Journal of NeuroInterventional Surgery, 2021, 13, 102-108.	3.3	106
6	A Portable, User-Controlled FES System for Upper Limb Reanimation in Individuals with Tetraplegia. Archives of Physical Medicine and Rehabilitation, 2020, 101, e89-e90.	0.9	0
7	Chemical characterization of marijuana blunt smoke by non-targeted chemical analysis. Inhalation Toxicology, 2020, 32, 177-187.	1.6	8
8	Restoring the Sense of Touch Using a Sensorimotor Demultiplexing Neural Interface. Cell, 2020, 181, 763-773.e12.	28.9	94
9	Clinically Significant Gains in Skillful Grasp Coordination by an Individual With Tetraplegia Using an Implanted Brain-Computer Interface With Forearm Transcutaneous Muscle Stimulation. Archives of Physical Medicine and Rehabilitation, 2019, 100, 1201-1217.	0.9	39
10	Meeting brain–computer interface user performance expectations using a deep neural network decoding framework. Nature Medicine, 2018, 24, 1669-1676.	30.7	123
11	Extracting wavelet based neural features from human intracortical recordings for neuroprosthetics applications. Bioelectronic Medicine, 2018, 4, 11.	2.3	27
12	Dexterous Control of Seven Functional Hand Movements Using Cortically-Controlled Transcutaneous Muscle Stimulation in a Person With Tetraplegia. Frontiers in Neuroscience, 2018, 12, 208.	2.8	53
13	Restoring cortical control of functional movement in a human with quadriplegia. Nature, 2016, 533, 247-250.	27.8	723
14	Use of Comprehensive Two-Dimensional Gas Chromatography with Time-of-Flight Mass Spectrometric Detection and Random Forest Pattern Recognition Techniques for Classifying Chemical Threat Agents and Detecting Chemical Attribution Signatures. Analytical Chemistry, 2016, 88, 7068-7075.	6.5	22
15	Identification of New and Distinctive Exposures from Little Cigars. Chemical Research in Toxicology, 2016, 29, 162-168.	3.3	26
16	Time Stability and Coherence Analysis of Multiunit, Single-Unit and Local Field Potential Neuronal Signals in Chronically Implanted Brain Electrodes. Bioelectronic Medicine, 2015, 2, 63-71.	2.3	37
17	Straight to the Source: Detecting Aggregate Objects in Astronomical Images With Proper Error Control. Journal of the American Statistical Association, 2013, 108, 456-468.	3.1	5