

Brian Wodlinger

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/865176/publications.pdf>

Version: 2024-02-01

19
papers

2,295
citations

933447

10
h-index

1281871

11
g-index

20
all docs

20
docs citations

20
times ranked

2481
citing authors

#	ARTICLE	IF	CITATIONS
1	High-performance neuroprosthetic control by an individual with tetraplegia. <i>Lancet, The</i> , 2013, 381, 557-564.	13.7	1,550
2	An Electrocorticographic Brain Interface in an Individual with Tetraplegia. <i>PLoS ONE</i> , 2013, 8, e55344.	2.5	319
3	Assessing Cancer Risk on Novel 29 MHz Micro-Ultrasound Images of the Prostate: Creation of the Micro-Ultrasound Protocol for Prostate Risk Identification. <i>Journal of Urology</i> , 2016, 196, 562-569.	0.4	104
4	Neuroprosthetic technology for individuals with spinal cord injury. <i>Journal of Spinal Cord Medicine</i> , 2013, 36, 258-272.	1.4	64
5	Localization and Recovery of Peripheral Neural Sources With Beamforming Algorithms. <i>IEEE Transactions on Neural Systems and Rehabilitation Engineering</i> , 2009, 17, 461-468.	4.9	62
6	High-Frequency Quantitative Ultrasound for Imaging Prostate Cancer Using a Novel Micro-Ultrasound Scanner. <i>Ultrasound in Medicine and Biology</i> , 2018, 44, 1341-1354.	1.5	58
7	Collaborative Approach in the Development of High-Performance Brain-Computer Interfaces for a Neuroprosthetic Arm: Translation from Animal Models to Human Control. <i>Clinical and Translational Science</i> , 2014, 7, 52-59.	3.1	55
8	Comparison of conventional transrectal ultrasound, magnetic resonance imaging, and micro-ultrasound for visualizing prostate cancer in an active surveillance population: A feasibility study. <i>Canadian Urological Association Journal</i> , 2018, 13, E70-E77.	0.6	26
9	The impact of electrode characteristics on electrocorticography (ECoG). , 2011, 2011, 3083-6.		16
10	Improving Prostate Cancer (PCa) Classification Performance by Using Three-Player Minimax Game to Reduce Data Source Heterogeneity. <i>IEEE Transactions on Medical Imaging</i> , 2020, 39, 3148-3158.	8.9	16
11	Hierarchical beamformer and cross-talk reduction in electroneurography. <i>Journal of Neural Engineering</i> , 2011, 8, 056002.	3.5	14
12	Block of Peripheral Pain Response by High-Frequency Sinusoidal Stimulation. <i>Neuromodulation</i> , 2013, 16, 312-317.	0.8	7
13	An algorithm for source signal extraction from the peripheral nerve. , 2011, 2011, 4251-4.		3
14	Neural Interfacing with the Peripheral Nervous System: A FINE Approach. , 2013, , 657-683.		1
15	Biochips. , 2015, , 203-214.		0
16	Peripheral Nerve Signal Processing, Source Localization. , 2014, , 1-4.		0
17	Peripheral Nerve Interfaces: Overview. , 2015, , 78-80.		0
18	Peripheral Nerve Signal Processing, Source Localization. , 2015, , 2315-2318.		0

#	ARTICLE	IF	CITATIONS
19	Peripheral Nerve Signal Processing, Source Localization. , 2022, , 2710-2713.		0