

Ashley N Dalrymple

List of Publications by Year in descending order

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18
papers

247
citations

1162367

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996533

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21
docs citations

21
times ranked

301
citing authors

#	ARTICLE	IF	CITATIONS
1	Transparent Anodic TiO ₂ Nanotube Arrays on Plastic Substrates for Disposable Biosensors and Flexible Electronics. <i>Journal of Nanoscience and Nanotechnology</i> , 2013, 13, 2885-2891.	0.9	42
2	Electrochemical and biological performance of chronically stimulated conductive hydrogel electrodes. <i>Journal of Neural Engineering</i> , 2020, 17, 026018.	1.8	36
3	Platinum dissolution and tissue response following long-term electrical stimulation at high charge densities. <i>Journal of Neural Engineering</i> , 2021, 18, 036021.	1.8	27
4	Electrochemical and mechanical performance of reduced graphene oxide, conductive hydrogel, and electrodeposited Pt-Ir coated electrodes: an active <i>in vitro</i> study. <i>Journal of Neural Engineering</i> , 2020, 17, 016015.	1.8	22
5	Electrochemical and biological characterization of thin-film platinum-iridium alloy electrode coatings: a chronic <i>in vivo</i> study. <i>Journal of Neural Engineering</i> , 2020, 17, 036012.	1.8	22
6	A speed-adaptive intraspinal microstimulation controller to restore weight-bearing stepping in a spinal cord hemisection model. <i>Journal of Neural Engineering</i> , 2018, 15, 056023.	1.8	19
7	Toward single-step anodic fabrication of monodisperse TiO ₂ nanotube arrays on non-native substrates. <i>Physica Status Solidi (A) Applications and Materials Science</i> , 2014, 211, 1113-1121.	0.8	17
8	Pavlovian control of intraspinal microstimulation to produce over-ground walking. <i>Journal of Neural Engineering</i> , 2020, 17, 036002.	1.8	12
9	Chronic intracochlear electrical stimulation at high charge densities: reducing platinum dissolution. <i>Journal of Neural Engineering</i> , 2020, 17, 056009.	1.8	10
10	Stimulation of the dorsal root ganglion using an Injectrode [®] . <i>Journal of Neural Engineering</i> , 2021, 18, 056068.	1.8	9
11	A supervised machine learning approach to characterize spinal network function. <i>Journal of Neurophysiology</i> , 2019, 121, 2001-2012.	0.9	8
12	Stimulation of the Spinal Cord for the Control of Walking. <i>Series on Bioengineering and Biomedical Engineering</i> , 2017, , 811-849.	0.1	5
13	Intelligent Control of a Spinal Prosthesis to Restore Walking After Neural Injury: Recent Work and Future Possibilities. <i>Journal of Medical Robotics Research</i> , 2020, 05, 2041003.	1.0	4
14	Augmented Transcutaneous Stimulation Using an Injectable Electrode: A Computational Study. <i>Frontiers in Bioengineering and Biotechnology</i> , 2021, 9, 796042.	2.0	4
15	The Morphology of TiO ₂ Nanotube Arrays Grown from Atomically Peened and Non-Atomically Peened Ti Films. <i>Journal of Nanoscience and Nanotechnology</i> , 2017, 17, 4936-4945.	0.9	3
16	Implanted devices: the importance of both electrochemical performance and biological acceptance. <i>Neural Regeneration Research</i> , 2021, 16, 1188.	1.6	3
17	Recruitment of Primary Afferents by Dorsal Root Ganglion Stimulation using the Injectrode. , 2021, 2021, 609-612.		0
18	Working Toward Diversity and Inclusion in Neural Engineering. <i>IEEE Pulse</i> , 2021, 12, 19-23.	0.1	0