Pragya Kosta

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/3421106/publications.pdf

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13	134	1307366 7	1474057 9
papers	citations	h-index	g-index

13	13	13	144
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Analysis and Design of a 3-Coil Wireless Power Transmission System for Biomedical Applications. IEEE Transactions on Antennas and Propagation, 2019, 67, 5012-5024.	3.1	40
2	Electromagnetic Safety Assessment of a Cortical Implant for Vision Restoration. IEEE Journal of Electromagnetics, RF and Microwaves in Medicine and Biology, 2018, 2, 56-63.	2.3	18
3	Simulation-Based Optimization of Figure-of-Eight Coil Designs and Orientations for Magnetic Stimulation of Peripheral Nerve. IEEE Transactions on Neural Systems and Rehabilitation Engineering, 2020, 28, 2901-2913.	2.7	11
4	Reduced Heat Generation During Magnetic Stimulation of Rat Sciatic Nerve Using Current Waveform Truncation. IEEE Transactions on Neural Systems and Rehabilitation Engineering, 2019, 27, 937-946.	2.7	10
5	Selective stimulation of rat sciatic nerve using an array of mmâ€size magnetic coils: a simulation study. Healthcare Technology Letters, 2019, 6, 70-75.	1.9	10
6	Recent Advances in Computational and Experimental Bioelectromagnetics for Neuroprosthetics. , 2019, , .		9
7	Stimulus waveform design for decreasing charge and increasing stimulation selectivity in retinal prostheses. Healthcare Technology Letters, 2020, 7, 66-71.	1.9	9
8	Model-based comparison of current flow in rod bipolar cells of healthy and early-stage degenerated retina. Experimental Eye Research, 2021, 207, 108554.	1.2	8
9	Modeling ON Cone Bipolar Cells for Electrical Stimulation. , 2021, 2021, 6547-6550.		6
10	Mechanisms underlying activation of retinal bipolar cells through targeted electrical stimulation: a computational study. Journal of Neural Engineering, 2021, 18, 066034.	1.8	5
11	A Computational Model Simulates Light-Evoked Responses in the Retinal Cone Pathway. , 2021, 2021, 4482-4486.		3
12	Electrode Spacing and Current Distribution in Electrical Stimulation of Peripheral Nerve: A Computational Modeling Study using Realistic Nerve Models. , 2021, 2021, 4416-4419.		3
13	Electrical Stimulation Induced Current Distribution inÂPeripheral Nerves Varies Significantly withÂtheÂExtent ofÂNerve Damage: A Computational Study Utilizing Convolutional Neural Network andÂRealistic Nerve Models. Lecture Notes in Computer Science, 2022, , 526-535.	1.0	2