

Victor Krauthamer

List of Publications by Year in descending order

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Version: 2024-02-01

12
papers

378
citations

1040056

9
h-index

1281871

11
g-index

12
all docs

12
docs citations

12
times ranked

514
citing authors

#	ARTICLE	IF	CITATIONS
1	Rapid evaluation of the durability of cortical neural implants using accelerated aging with reactive oxygen species. <i>Journal of Neural Engineering</i> , 2015, 12, 026003.	3.5	150
2	Containment and growth of neuroblastoma cells on chemically patterned substrates. <i>Journal of Neuroscience Methods</i> , 1993, 50, 253-260.	2.5	55
3	Mechanical bioeffects of pulsed high intensity focused ultrasound on a simple neural model. <i>Medical Physics</i> , 2012, 39, 4274-4283.	3.0	46
4	Calcium dynamics in cultured heart cells exposed to defibrillator-type electric shocks. <i>Life Sciences</i> , 1997, 60, 1977-1985.	4.3	40
5	Longitudinal vascular dynamics following cranial window and electrode implantation measured with speckle variance optical coherence angiography. <i>Biomedical Optics Express</i> , 2014, 5, 2823.	2.9	29
6	Altered calcium dynamics in cardiac cells grown on silane-modified surfaces. <i>Biomaterials</i> , 2010, 31, 602-607.	11.4	16
7	Morphological and electrophysiological changes produced by electrical stimulation in cultured neuroblastoma cells. <i>Bioelectromagnetics</i> , 1991, 12, 299-314.	1.6	13
8	Use of chemically patterned substrate to study directional effect of damaging electrical stimulation on cultured neuroblastoma cells. <i>Brain Research</i> , 1994, 667, 47-53.	2.2	13
9	Directional guidance of neurite outgrowth using substrates patterned with biomaterials. <i>BioSystems</i> , 1995, 35, 199-202.	2.0	11
10	Longitudinal Functional Assessment of Brain Injury Induced by High-Intensity Ultrasound Pulse Sequences. <i>Scientific Reports</i> , 2019, 9, 15518.	3.3	4
11	Method for evaluating optical characteristics of endoscopes for recording fluorescence-related cardiac electrical activity. <i>Applied Optics</i> , 2002, 41, 6725.	2.1	1
12	The pharmacology of electrical stimulation in the heart: Where devices meet drugs. <i>Drug Discovery Today: Technologies</i> , 2007, 4, 63-67.	4.0	0