

Min Gon Kim

List of Publications by Year in descending order

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14
papers

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299
citing authors

#	ARTICLE	IF	CITATIONS
1	Neurogenic Flare Response following Image-Guided Focused Ultrasound in the Mouse Peripheral Nervous System <i>In Vivo</i> . <i>Ultrasound in Medicine and Biology</i> , 2021, 47, 2759-2767.	1.5	4
2	Investigation of Displacement of Intracranial Electrode Induced by Focused Ultrasound Stimulation. <i>IEEE Transactions on Instrumentation and Measurement</i> , 2021, 70, 1-9.	4.7	6
3	Iterative Curve Fitting of the Bioheat Transfer Equation for Thermocouple-Based Temperature Estimation <i>In-Vitro</i> and <i>In-Vivo</i> . <i>IEEE Transactions on Ultrasonics, Ferroelectrics, and Frequency Control</i> , 2020, 67, 70-80.	3.0	13
4	Investigation of cell mechanics using single-beam acoustic tweezers as a versatile tool for the diagnosis and treatment of highly invasive breast cancer cell lines: an <i>in vitro</i> study. <i>Microsystems and Nanoengineering</i> , 2020, 6, 39.	7.0	20
5	Image-guided focused ultrasound modulates electrically evoked motor neuronal activity in the mouse peripheral nervous system <i>in vivo</i> . <i>Journal of Neural Engineering</i> , 2020, 17, 026026.	3.5	33
6	Focused ultrasound stimulation of median nerve modulates somatosensory evoked responses. , 2019, , .		4
7	Investigation of Optimized Treatment Conditions for Acoustic-Transfection Technique for Intracellular Delivery of Macromolecules. <i>Ultrasound in Medicine and Biology</i> , 2018, 44, 622-634.	1.5	10
8	Novel Configurations of Ultrahigh Frequency (600 MHz) Analog Frontend for High Resolution Ultrasound Measurement. <i>Sensors</i> , 2018, 18, 2598.	3.8	1
9	Label-free analysis of the characteristics of a single cell trapped by acoustic tweezers. <i>Scientific Reports</i> , 2017, 7, 14092.	3.3	26
10	Direct and sustained intracellular delivery of exogenous molecules using acoustic-transfection with high frequency ultrasound. <i>Scientific Reports</i> , 2016, 6, 20477.	3.3	44
11	Impedance matching network for high frequency ultrasonic transducer for cellular applications. <i>Ultrasonics</i> , 2016, 65, 258-267.	3.9	40
12	Dual-element needle transducer for intravascular ultrasound imaging. <i>Journal of Medical Imaging</i> , 2015, 2, 027001.	1.5	23
13	Power MOSFET-Diode-Based Limiter for High-Frequency Ultrasound Systems. <i>Ultrasonic Imaging</i> , 2014, 36, 317-330.	2.6	5
14	Bipolar pulse generator for very high frequency (100 MHz) ultrasound applications. , 2013, , .		2