

Min Gon Kim

List of Publications by Year in descending order

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Version: 2024-02-01

14
papers

231
citations

1163117

8
h-index

1199594

12
g-index

14
all docs

14
docs citations

14
times ranked

299
citing authors

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