Maysamreza Chamanzar

List of Publications by Year
in descending order

17 papers	301 citations	1163117 8 h-index	1125743 13 g-index
17 all docs	17 docs citations	17 times ranked	414 citing authors

#	Article	IF	Citations
1	Reply to: The overwhelming role of ballistic photons in ultrasonically guided light through tissue. Nature Communications, 2022, 13, 1872.	12.8	2
2	Bioelectrical interfaces with cortical spheroids in three-dimensions. Journal of Neural Engineering, 2021, 18, 055005.	3.5	19
3	Effect of skull thickness and conductivity on current propagation for noninvasively injected currents. Journal of Neural Engineering, 2021, 18, 046042.	3.5	5
4	Flexible optoelectric neural interfaces. Current Opinion in Biotechnology, 2021, 72, 121-130.	6.6	10
5	Parylene photonics: a flexible, broadband optical waveguide platform with integrated micromirrors for biointerfaces. Microsystems and Nanoengineering, 2020, 6, 85.	7.0	28
6	Remote nongenetic optical modulation of neuronal activity using fuzzy graphene. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 13339-13349.	7.1	52
7	Ultrasonically-assisted in-situ Micro-endoscopic Optical Imaging. , 2020, , .		0
8	Path tracing estimators for refractive radiative transfer. ACM Transactions on Graphics, 2020, 39, 1-15.	7.2	8
9	Overcoming the tradeoff between confinement and focal distance using virtual ultrasonic optical waveguides. Optics Express, 2020, 28, 37459.	3.4	8
10	High Density, Double-Sided, Flexible Optoelectronic Neural Probes With Embedded Î¼LEDs. Frontiers in Neuroscience, 2019, 13, 745.	2.8	42
11	Ultrasonically sculpted virtual relay lens for in situ microimaging. Light: Science and Applications, 2019, 8, 65.	16.6	31
12	Ultrasonically Sculpted Virtual Optical Patterns for Imaging and Photostimulation in Brain Tissue. , 2019, , .		0
13	High-density Steeltrodes: A Novel Platform for High Resolution Recording in Primates*. , 2019, , .		3
14	Ultrasonic sculpting of virtual optical waveguides in tissue. Nature Communications, 2019, 10, 92.	12.8	39
15	In situ 3D reconfigurable ultrasonically sculpted optical beam paths. Optics Express, 2019, 27, 7249.	3.4	18
16	Upconverting nanoparticle micro-lightbulbs designed for deep tissue optical stimulation and imaging. Biomedical Optics Express, 2018, 9, 4359.	2.9	16
17	Ultracompact optoflex neural probes for high-resolution electrophysiology and optogenetic stimulation. , 2015, , .		20