

# Maysamreza Chamanzar

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3393339/publications.pdf>

Version: 2024-02-01

17  
papers

301  
citations

1163117

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1125743

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17  
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17  
docs citations

17  
times ranked

414  
citing authors

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