

# Mohammad Amin Tadayon

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/11861420/publications.pdf>

Version: 2024-02-01

8  
papers

296  
citations

1307594

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1720034

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docs citations

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times ranked

554  
citing authors

#	ARTICLE	IF	CITATIONS
1	Low-loss composite photonic platform based on 2D semiconductor monolayers. Nature Photonics, 2020, 14, 256-262.	31.4	140
2	Reconfigurable nanophotonic silicon probes for sub-millisecond deep-brain optical stimulation. Nature Biomedical Engineering, 2020, 4, 223-231.	22.5	101
3	Polymer waveguide Fabry-Perot resonator for high-frequency ultrasound detection. IEEE Transactions on Ultrasonics, Ferroelectrics, and Frequency Control, 2014, 61, 2132-2138.	3.0	18
4	Optical micromachined ultrasound transducers (OMUT)-a new approach for high-frequency transducers. IEEE Transactions on Ultrasonics, Ferroelectrics, and Frequency Control, 2013, 60, 2021-2030.	3.0	10
5	High quality factor polymeric Fabry-Perot resonators utilizing a polymer waveguide. Optics Express, 2014, 22, 5904.	3.4	10
6	3D microphotonic probe for high resolution deep tissue imaging. Optics Express, 2019, 27, 22352.	3.4	9
7	Microphotonic needle for minimally invasive endoscopic imaging with sub-cellular resolution. Scientific Reports, 2018, 8, 10756.	3.3	8
8	Waveguide optical micromachined ultrasound transducer (WOMUT) for high frequency ultrasound detection. , 2014, , .		0