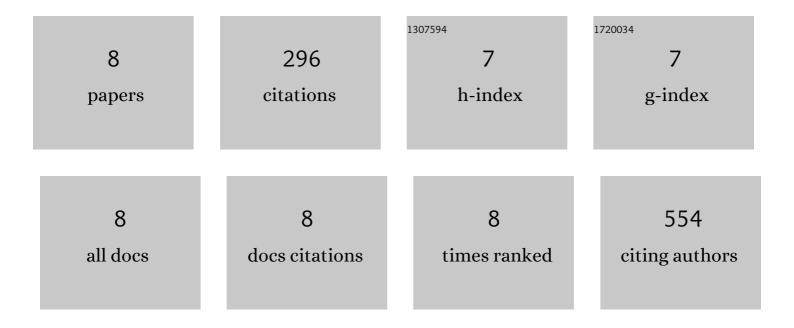
Mohammad Amin Tadayon

List of Publications by Year in descending order

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| # | 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 |