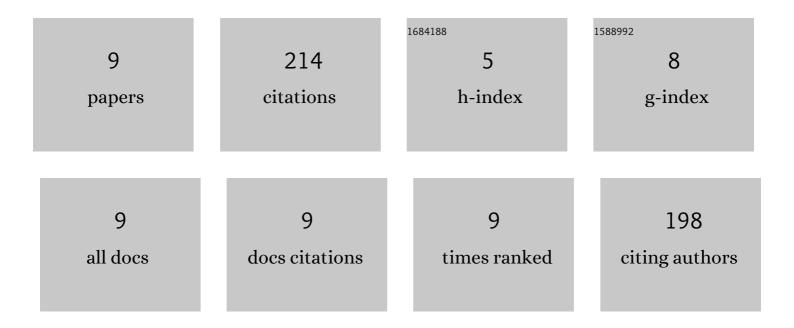
Aroutin Khachaturian

List of Publications by Year in descending order

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| # | Article | IF | CITATIONS |
|---|--|-----|-----------|
| 1 | Discretization of annular-ring diffraction pattern for large-scale photonics beamforming. Photonics Research, 2022, 10, 1177. | 7.0 | 5 |
| 2 | Achieving full grating-lobe-free field of view with low-complexity co-prime photonic beamforming transceivers. Photonics Research, 2022, 10, A66. | 7.0 | 5 |
| 3 | Large-Scale Crosstalk-Corrected Thermo-Optic Phase Shifter Arrays in Silicon Photonics. IEEE Journal of Selected Topics in Quantum Electronics, 2022, 28, 1-9. | 2.9 | 5 |
| 4 | Breaking FOV-Aperture Trade-Off With Multi-Mode Nano-Photonic Antennas. IEEE Journal of Selected Topics in Quantum Electronics, 2021, 27, 1-14. | 2.9 | 10 |
| 5 | Subtractive photonics. Optics Express, 2021, 29, 877. | 3.4 | 9 |
| 6 | IQ Photonic Receiver for Coherent Imaging With a Scalable Aperture. IEEE Open Journal of the Solid-State Circuits Society, 2021, 1, 263-270. | 2.7 | 3 |
| 7 | A Nonuniform Sparse 2-D Large-FOV Optical Phased Array With a Low-Power PWM Drive. IEEE Journal of Solid-State Circuits, 2019, 54, 1200-1215. | 5.4 | 130 |
| 8 | High sensitivity active flat optics optical phased array receiver with a two-dimensional aperture. Optics Express, 2018, 26, 29983. | 3.4 | 41 |
| 9 | Scalable Optical Phased Array with Sparse 2D Aperture. , 2018, , . | | 6 |