

# Aroutin Khachaturian

## List of Publications by Year in descending order

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Version: 2024-02-01

9  
papers

214  
citations

1684188  
5  
h-index

1588992  
8  
g-index

9  
all docs

9  
docs citations

9  
times ranked

198  
citing authors

#	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