

# Reza Fatemi

## List of Publications by Year in descending order

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Version: 2024-02-01

14  
papers

263  
citations

1684188

5  
h-index

1474206

9  
g-index

14  
all docs

14  
docs citations

14  
times ranked

234  
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	A 1-D Heterodyne Lens-Free Optical Phased Array Camera With Reference Phase Shifting. IEEE Photonics Journal, 2018, 10, 1-12.	2.0	15
9	A Low Power PWM Optical Phased Array Transmitter with $16^\circ$ Field-of-View and $0.8^\circ$ Beamwidth. , 2018, , .		7
10	High sensitivity active flat optics optical phased array receiver with a two-dimensional aperture. Optics Express, 2018, 26, 29983.	3.4	41
11	Compact, High Extinction Ratio Silicon Mach-Zehnder Modulator with Corrugated Waveguides. , 2018, , .		4
12	Scalable Optical Phased Array with Sparse 2D Aperture. , 2018, , .		6
13	An $8^\circ$ – $8^\circ$ Heterodyne Lens-less OPA Camera. , 2017, , .		17
14	A One-Dimensional Heterodyne Lens-Free OPA Camera. , 2016, , .		6