

# Ali Khalatpour

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/11082478/publications.pdf>

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13  
papers

455  
citations

1163117

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1281871

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g-index

13  
all docs

13  
docs citations

13  
times ranked

564  
citing authors

#	ARTICLE	IF	CITATIONS
1	High-power portable terahertz laser systems. Nature Photonics, 2021, 15, 16-20.	31.4	228
2	Three-Dimensional Near-Field Microwave Holography Using Reflected and Transmitted Signals. IEEE Transactions on Antennas and Propagation, 2011, 59, 4777-4789.	5.1	89
3	Three-Dimensional Microwave Holographic Imaging Using Co- and Cross-Polarized Data. IEEE Transactions on Antennas and Propagation, 2012, 60, 3526-3531.	5.1	24
4	Unidirectional photonic wire laser. Nature Photonics, 2017, 11, 555-559.	31.4	23
5	Phase-locked photonic wire lasers by $\pi$ coupling. Nature Photonics, 2019, 13, 47-53.	31.4	21
6	Accelerating Space Mapping Optimization with Adjoint Sensitivities. IEEE Microwave and Wireless Components Letters, 2011, 21, 280-282.	3.2	20
7	Ultrasmooth ultrathin Ag films by AlN seeding and Ar/N <sub>2</sub> sputtering for transparent conductive and heating applications. APL Materials, 2018, 6, .	5.1	19
8	81 supra-THz beams generated by a Fourier grating and a quantum cascade laser. Optics Express, 2019, 27, 34192.	3.4	12
9	A Tunable Unidirectional Source for GUSTO's Local Oscillator at 4.74 THz. IEEE Transactions on Terahertz Science and Technology, 2022, 12, 144-150.	3.1	8
10	3.9 THz spatial filter based on a back-to-back Si-lens system. Optics Express, 2020, 28, 32693.	3.4	7
11	Modified Smooth Transition Method for Determination of Complex Modes in Multilayer Waveguide Structures. Journal of Lightwave Technology, 2010, 28, 2851-2855.	4.6	3
12	Image quality enhancement in the microwave raster scanning method. , 2011, , .		1
13	Errata to "Three-Dimensional Near-Field Microwave Holography Using Reflected and Transmitted Signals" [Dec 11 4777-4789]. IEEE Transactions on Antennas and Propagation, 2012, 60, 425-425.	5.1	0