

# Ashish Kumar Chowdhary

## List of Publications by Year in descending order

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17  
papers

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1478505

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docs citations

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times ranked

41  
citing authors

#	ARTICLE	IF	CITATIONS
1	Polarization- and angle-insensitive ultrabroadband perfect metamaterial absorber for thermophotovoltaics. Journal of the Optical Society of America B: Optical Physics, 2021, 38, 327.	2.1	30
2	Design of electro-tunable all-weather smart windows. Solar Energy Materials and Solar Cells, 2021, 222, 110921.	6.2	30
3	Energy-saving all-weather window based on selective filtering of solar spectral radiation. Applied Optics, 2021, 60, 1315.	1.8	19
4	Low-power design of electro-tunable color filters and optical switches. Journal of the Optical Society of America B: Optical Physics, 2020, 37, 3865.	2.1	14
5	Selective thermal emitters for high-performance all-day radiative cooling. Journal Physics D: Applied Physics, 2022, 55, 085504.	2.8	9
6	Tunable terahertz absorption modulation in graphene nanoribbon-assisted dielectric metamaterial. Journal Physics D: Applied Physics, 2022, 55, 285101.	2.8	7
7	Multilayer thin-film based nanophotonic windows: static versus electro-tunable design. Journal of Optics (United Kingdom), 2022, 24, 024002.	2.2	5
8	Ultra-broadband Wide-Angle Metallo-Dielectric Metamaterial Absorber for Solar Energy Harvesting. , 2019, , .		4
9	Polarization-insensitive Electro-tunable Broadband Plasmonic Metamaterial Absorber for Amplitude Modulation. , 2021, , .		4
10	Guided-Mode Resonance based All-dielectric Optical Intensity Modulator. , 2021, , .		4
11	Nanophotonics-Enabled High-Efficiency Selective Solar Absorbers for Waste Heat Management. IEEE Nanotechnology Magazine, 2022, 21, 131-136.	2.0	4
12	Infrared-blocking plasmonic meta-glass for energy-saving passive windows. Optics Letters, 2022, 47, 2242.	3.3	4
13	Coupling-assisted Epsilon-Near-Zero Material based Energy-efficient Electro-Absorption Modulator. , 2022, , .		2
14	Cross-“Ring Based Broadband Plasmonic Metamaterial Absorbers for Boosting Silicon Solar Cell Efficiency. , 2021, , .		1
15	Vanadium Dioxide Assisted Thermo-optic Perfect Absorbers for Optical Switching. , 2022, , .		1
16	Nanophotonic All-weather Windows for Energy-efficient Smart Buildings. , 2021, , .		0
17	Spectrally Selective Nanophotonic Windows for Aiding Photosynthesis in Greenhouses. , 2021, , .		0