

Adam J Ollanik

List of Publications by Year in descending order

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14
papers

183
citations

1478505

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h-index

1720034

7
g-index

14
all docs

14
docs citations

14
times ranked

265
citing authors

#	ARTICLE	IF	CITATIONS
1	Silicon Nanodisk Huygens Metasurfaces for Portable and Low-Cost Refractive Index and Biomarker Sensing. ACS Applied Nano Materials, 2022, 5, 3983-3991.	5.0	6
2	Engineering Nearest Neighbor Coupling in Huygens Metasurfaces. , 2021, , .		0
3	Resonance tuning for dynamic Huygens metasurfaces. Journal of the Optical Society of America B: Optical Physics, 2021, 38, C105.	2.1	1
4	Dynamically Tunable Amplitude and Phase Modulation Using Vanadium Dioxide Huygens Metasurfaces. , 2020, , .		0
5	Characterization of Dynamic and Nanoscale Materials and Metamaterials with Continuously Referenced Interferometry. Advanced Optical Materials, 2019, 7, 1901128.	7.3	6
6	Highly Sensitive, Affordable, and Adaptable Refractive Index Sensing with Silicon-Based Dielectric Metasurfaces. Advanced Materials Technologies, 2019, 4, 1800567.	5.8	36
7	Towards high efficiency, dynamically tunable metaholograms. , 2019, , .		0
8	High-Efficiency All-Dielectric Huygens Metasurfaces from the Ultraviolet to the Infrared. ACS Photonics, 2018, 5, 1351-1358.	6.6	75
9	Optical Design and Validation of an Infrared Transmissive Spectrum Splitting Concentrator Photovoltaic Module. IEEE Journal of Photovoltaics, 2017, 7, 1469-1478.	2.5	10
10	Dynamically Tunable, Vanadium Dioxide Huygens Source Metasurfaces. , 2017, , .		0
11	Vanadium Dioxide Huygens Source Metasurfaces as Environment-Sensitive Optical Modulators. , 2017, , .		0
12	A transmissive, spectrum-splitting concentrating photovoltaic module for hybrid photovoltaic-solar thermal energy conversion. Solar Energy, 2016, 137, 585-593.	6.1	45
13	Highly Efficient, All-Dielectric, Transmissive Gradient Metasurfaces from the Ultraviolet to the Infrared. , 2016, , .		0
14	Transmissive spectrum splitting multi-junction solar module for hybrid CPV/CSP system. , 2015, , .		4