

Garnett W Bryant

List of Publications by Year in descending order

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Version: 2024-02-01

11
papers

269
citations

1307594

7
h-index

1281871

11
g-index

11
all docs

11
docs citations

11
times ranked

353
citing authors

#	ARTICLE	IF	CITATIONS
1	Strong coupling between a topological insulator and a III-V heterostructure at terahertz frequency. <i>Physical Review Materials</i> , 2022, 6, .	2.4	7
2	Revising quantum optical phenomena in adatoms coupled to graphene nanoantennas. <i>Nanophotonics</i> , 2022, 11, 3281-3298.	6.0	5
3	From single-particle-like to interaction-mediated plasmonic resonances in graphene nanoantennas. <i>Journal of Applied Physics</i> , 2021, 129, 093103.	2.5	7
4	Many-body physics in small systems: Observing the onset and saturation of correlation in linear atomic chains. <i>Physical Review B</i> , 2021, 103, .	3.2	5
5	Modification of the optical properties of molecular chains upon coupling to adatoms. <i>Physical Review B</i> , 2021, 104, .	3.2	3
6	Energy-Based Plasmonicity Index to Characterize Optical Resonances in Nanostructures. <i>Journal of Physical Chemistry C</i> , 2020, 124, 24331-24343.	3.1	12
7	Atom-by-Atom Fabrication of Single and Few Dopant Quantum Devices. <i>Advanced Functional Materials</i> , 2019, 29, 1903475.	14.9	33
8	Approaching the quantum limit for nanoplasmonics. <i>Journal of Materials Research</i> , 2015, 30, 2389-2399.	2.6	10
9	Plasmonics: The Rise of Quantum Effects. <i>Optics and Photonics News</i> , 2014, 25, 50.	0.5	15
10	Which resonances in small metallic nanoparticles are plasmonic?. <i>Journal of Optics (United Kingdom)</i> , 2014, 16, 114022.	2.2	42
11	Plasmonic Properties of Metallic Nanoparticles: The Effects of Size Quantization. <i>Nano Letters</i> , 2012, 12, 429-434.	9.1	130