

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