

# Gabriel D Bernasconi

## List of Publications by Year in descending order

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Version: 2024-02-01

19  
papers

608  
citations

759055

12  
h-index

940416

16  
g-index

20  
all docs

20  
docs citations

20  
times ranked

1262  
citing authors

#	ARTICLE	IF	CITATIONS
1	Sampling Optical Modes and Electronic States with Fast, Monochromated EELS. <i>Microscopy and Microanalysis</i> , 2020, 26, 1754-1755.	0.2	0
2	Electronic Structure-Dependent Surface Plasmon Resonance in Single Au-Fe Nanoalloys. <i>Nano Letters</i> , 2019, 19, 5754-5761.	4.5	37
3	Modes interplay and dynamics in the second harmonic generation of plasmonic nanostructures. <i>Optics Express</i> , 2019, 27, 38708.	1.7	9
4	Silencing the second harmonic generation from plasmonic nanodimers: A comprehensive discussion. <i>Beilstein Journal of Nanotechnology</i> , 2018, 9, 2674-2683.	1.5	4
5	Dynamics of Second-Harmonic Generation in a Plasmonic Silver Nanorod. <i>ACS Photonics</i> , 2018, 5, 3246-3254.	3.2	15
6	Homogenization and Scattering Analysis of Second-Harmonic Generation in Nonlinear Metasurfaces. <i>IEEE Transactions on Antennas and Propagation</i> , 2018, 66, 6061-6075.	3.1	9
7	Second harmonic generation dynamics in plasmonic nanoparticles. , 2018, , .		0
8	Enhancement Mechanisms of the Second Harmonic Generation from Double Resonant Aluminum Nanostructures. <i>ACS Photonics</i> , 2017, 4, 1522-1530.	3.2	50
9	Mode Evolution in Strongly Coupled Plasmonic Dolmens Fabricated by Templated Assembly. <i>ACS Photonics</i> , 2017, 4, 1661-1668.	3.2	11
10	Mode Coupling in Plasmonic Heterodimers Probed with Electron Energy Loss Spectroscopy. <i>ACS Nano</i> , 2017, 11, 3485-3495.	7.3	42
11	Where Does Energy Go in Electron Energy Loss Spectroscopy of Nanostructures?. <i>ACS Photonics</i> , 2017, 4, 156-164.	3.2	21
12	Revealing a Mode Interplay That Controls Second-Harmonic Radiation in Gold Nanoantennas. <i>ACS Photonics</i> , 2017, 4, 2923-2929.	3.2	16
13	Second harmonic generation in plasmonic nanostructures: A double dipolar resonant antenna design. , 2017, , .		0
14	Self-Similarity of Plasmon Edge Modes on Koch Fractal Antennas. <i>ACS Nano</i> , 2017, 11, 11240-11249.	7.3	33
15	Nanoscale topographical control of capillary assembly of nanoparticles. <i>Nature Nanotechnology</i> , 2017, 12, 73-80.	15.6	266
16	Optical second harmonic generation from nanostructured graphene: a full wave approach. <i>Optics Express</i> , 2017, 25, 27015.	1.7	18
17	Mode analysis of second-harmonic generation in plasmonic nanostructures. <i>Journal of the Optical Society of America B: Optical Physics</i> , 2016, 33, 768.	0.9	50
18	Controlling the nonlinear optical properties of plasmonic nanoparticles with the phase of their linear response. <i>Optics Express</i> , 2016, 24, 17138.	1.7	14

#	ARTICLE	IF	CITATIONS
19	Curved Holographic Combiner for Color Head Worn Display. Journal of Display Technology, 2014, 10, 444-449.	1.3	13