

Lukas Ohnoutek

List of Publications by Year in descending order

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papers

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1163117

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10
times ranked

435
citing authors

#	ARTICLE	IF	CITATIONS
1	“Hot” Plasmonics: Temperature-Related Concepts and Applications of Metal Nanostructures. <i>Advanced Optical Materials</i> , 2020, 8, 1901166.	7.3	69
2	“Hot edges” in an inverse opal structure enable efficient CO ₂ electrochemical reduction and sensitive <i>in situ</i> Raman characterization. <i>Journal of Materials Chemistry A</i> , 2019, 7, 11836-11846.	10.3	41
3	Temperature-dependent Faraday rotation and magnetization reorientation in cerium-substituted yttrium iron garnet thin films. <i>APL Materials</i> , 2017, 5, .	5.1	32
4	Single Nanoparticle Chiroptics in a Liquid: Optical Activity in Hyper-Rayleigh Scattering from Au Helicoids. <i>Nano Letters</i> , 2020, 20, 5792-5798.	9.1	32
5	Third-harmonic Mie scattering from semiconductor nanohelices. <i>Nature Photonics</i> , 2022, 16, 126-133.	31.4	31
6	Cu/Ag Sphere Segment Void Array as Efficient Surface Enhanced Raman Spectroscopy Substrate for Detecting Individual Atmospheric Aerosol. <i>Analytical Chemistry</i> , 2019, 91, 13647-13657.	6.5	22
7	Optical Activity in Third-Harmonic Rayleigh Scattering: A New Route for Measuring Chirality. <i>Laser and Photonics Reviews</i> , 2021, 15, 2100235.	8.7	17
8	Second harmonic Rayleigh scattering optical activity of single Ag nanohelices in a liquid. <i>Nanoscale</i> , 2022, 14, 3888-3898.	5.6	8
9	Landau level spectroscopy of the PbSnSe topological crystalline insulator. <i>Physical Review B</i> , 2021, 103, .	3.2	5