

# Lukas Ohnoutek

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6325680/publications.pdf>

Version: 2024-02-01

9  
papers

257  
citations

1163117

8  
h-index

1474206

9  
g-index

10  
all docs

10  
docs citations

10  
times ranked

435  
citing authors

#	ARTICLE	IF	CITATIONS
1	Third-harmonic Mie scattering from semiconductor nanohelices. <i>Nature Photonics</i> , 2022, 16, 126-133.	31.4	31
2	Second harmonic Rayleigh scattering optical activity of single Ag nanohelices in a liquid. <i>Nanoscale</i> , 2022, 14, 3888-3898.	5.6	8
3	Landau level spectroscopy of the PbSnSe topological crystalline insulator. <i>Physical Review B</i> , 2021, 103, .	3.2	5
4	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
5	“Hot” Plasmonics: Temperature-Related Concepts and Applications of Metal Nanostructures. <i>Advanced Optical Materials</i> , 2020, 8, 1901166.	7.3	69
6	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
7	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
8	“Hot edges” in an inverse opal structure enable efficient CO <sub>2</sub> electrochemical reduction and sensitive <i>in situ</i> Raman characterization. <i>Journal of Materials Chemistry A</i> , 2019, 7, 11836-11846.	10.3	41
9	Temperature-dependent Faraday rotation and magnetization reorientation in cerium-substituted yttrium iron garnet thin films. <i>APL Materials</i> , 2017, 5, .	5.1	32