

# Markus Lippitz

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7764258/publications.pdf>

Version: 2024-02-01

54  
papers

2,451  
citations

279798

23  
h-index

214800

47  
g-index

54  
all docs

54  
docs citations

54  
times ranked

3373  
citing authors

#	ARTICLE	IF	CITATIONS
1	Sandwich-Like Encapsulation of a Highly Luminescent Copper(I) Complex. <i>Advanced Optical Materials</i> , 2021, 9, 2100516.	7.3	12
2	High-Q plasmonic nanowire-on-mirror resonators by atomically smooth single-crystalline silver flakes. <i>Journal of Chemical Physics</i> , 2021, 155, 234202.	3.0	2
3	Single Molecule Nonlinearity in a Plasmonic Waveguide. <i>Nano Letters</i> , 2020, 20, 2152-2156.	9.1	15
4	Nonlinear Spectroscopy on the Plasmonic Analog of Electromagnetically Induced Absorption: Revealing Minute Structural Asymmetries. <i>ACS Photonics</i> , 2019, 6, 2850-2859.	6.6	8
5	Modal Symmetry Controlled Second-Harmonic Generation by Propagating Plasmons. <i>Nano Letters</i> , 2019, 19, 6424-6428.	9.1	19
6	A Single-Crystalline Silver Plasmonic Circuit for Visible Quantum Emitters. <i>Nano Letters</i> , 2019, 19, 3238-3243.	9.1	28
7	Electrokinetics in Micro-channeled Cantilevers: Extending the Toolbox for Reversible Colloidal Probes and AFM-Based Nanofluidics. <i>Scientific Reports</i> , 2019, 9, 20294.	3.3	4
8	Symmetry-Forbidden Second-Harmonic Generation in a Fully Centro-Symmetric Plasmonic Nanocircuit. , 2019, , .		0
9	Coupling a single solid-state quantum emitter to an array of resonant plasmonic antennas. <i>Scientific Reports</i> , 2018, 8, 3415.	3.3	15
10	Single Particle Spectroscopy of Radiative Processes in Colloid-to-Film-Coupled Nanoantennas. <i>Zeitschrift Fur Physikalische Chemie</i> , 2018, 232, 1593-1606.	2.8	6
11	Nonlinear spectroscopy of plasmonic nanoparticles. <i>Advances in Physics: X</i> , 2018, 3, 1454341.	4.1	13
12	Spectroscopy of Graphene at the Saddle Point. , 2017, , 325-347.		0
13	On-Chip Single-Plasmon Nanocircuit Driven by a Self-Assembled Quantum Dot. <i>Nano Letters</i> , 2017, 17, 4291-4296.	9.1	30
14	Nondestructive Probing of a Photoswitchable Dithienylethene Coupled to Plasmonic Nanostructures. <i>Journal of Physical Chemistry C</i> , 2017, 121, 16528-16532.	3.1	6
15	A quantum plasmonic nanocircuit on a semiconductor platform. , 2017, , .		0
16	The optimal antenna for nonlinear spectroscopy of weakly and strongly scattering nanoobjects. <i>Applied Physics B: Lasers and Optics</i> , 2016, 122, 1.	2.2	4
17	Shaping the nonlinear near field. <i>Nature Communications</i> , 2016, 7, 10361.	12.8	33
18	Imaging and Steering Unidirectional Emission from Nanoantenna Array Metasurfaces. <i>ACS Photonics</i> , 2016, 3, 286-292.	6.6	30

#	ARTICLE	IF	CITATIONS
19	Nonlinear optics of complex plasmonic structures: linear and third-order optical response of orthogonally coupled metallic nanoantennas. Applied Physics B: Lasers and Optics, 2016, 122, 1.	2.2	16
20	Narrow-line self-assembled GaAs quantum dots for plasmonics. Applied Physics Letters, 2015, 106, 101110.	3.3	3
21	Nonlinear Plasmon Optics. Nano-optics and Nanophotonics, 2015, , 155-181.	0.2	2
22	Three-dimensional winged nanocone optical antennas. Optics Letters, 2014, 39, 3686.	3.3	16
23	Doubling the Efficiency of Third Harmonic Generation by Positioning ITO Nanocrystals into the Hot-Spot of Plasmonic Gap-Antennas. Nano Letters, 2014, 14, 2867-2872.	9.1	155
24	Eleven Nanometer Alignment Precision of a Plasmonic Nanoantenna with a Self-Assembled GaAs Quantum Dot. Nano Letters, 2014, 14, 197-201.	9.1	40
25	Imaging and steering an optical wireless nanoantenna link. Nature Communications, 2014, 5, 4354.	12.8	96
26	Third Harmonic Mechanism in Complex Plasmonic Fano Structures. ACS Photonics, 2014, 1, 471-476.	6.6	106
27	Ultrafast Spectroscopy of Quantum Confined States in a Single CdSe Nanowire. Nano Letters, 2013, 13, 1706-1710.	9.1	15
28	Ultrafast dynamics of quantum confined carriers in a single CdSe nanowire. , 2013, , .		0
29	Third-harmonic spectroscopy and modeling of the nonlinear response of plasmonic nanoantennas. Optics Letters, 2012, 37, 4741.	3.3	69
30	Quantitative Modeling of the Third Harmonic Emission Spectrum of Plasmonic Nanoantennas. Nano Letters, 2012, 12, 3778-3782.	9.1	154
31	Transient Reflection: A Versatile Technique for Ultrafast Spectroscopy of a Single Quantum Dot in Complex Environments. Nano Letters, 2012, 12, 453-457.	9.1	12
32	Ultrafast coherent spectroscopy of a single self-assembled quantum dot. Physica Status Solidi (B): Basic Research, 2012, 249, 721-730.	1.5	4
33	Plasmonic antennas, positioning, and coupling of individual quantum systems. Physica Status Solidi (B): Basic Research, 2012, 249, 666-677.	1.5	15
34	Transient absorption spectroscopy of a single lateral InGaAs quantum dot molecule. Physica Status Solidi (B): Basic Research, 2012, 249, 731-736.	1.5	2
35	Positioning plasmonic nanostructures on single quantum emitters. Physica Status Solidi (B): Basic Research, 2012, 249, 678-686.	1.5	22
36	Tailoring the photonic band splitting in metallodielectric photonic crystal superlattices. Physical Review B, 2011, 84, .	3.2	8

#	ARTICLE	IF	CITATIONS
37	Excitonic Fano Resonance in Free-Standing Graphene. Nano Letters, 2011, 11, 1379-1382.	9.1	117
38	Towards the Origin of the Nonlinear Response in Hybrid Plasmonic Systems. Physical Review Letters, 2011, 106, 133901.	7.8	99
39	Nanoantenna-enhanced ultrafast nonlinear spectroscopy of a single gold nanoparticle. Nature Communications, 2011, 2, .	12.8	118
40	Nanoantenna-enhanced ultrafast nonlinear spectroscopy of a single plasmonic nanodisc. , 2011, , .		0
41	Nanoantenna-enhanced ultrafast nonlinear spectroscopy of a single plasmonic nanodisc. , 2011, , .		0
42	All-Optical Control of the Ultrafast Dynamics of a Hybrid Plasmonic System. Physical Review Letters, 2010, 104, 113903.	7.8	64
43	Directing Light Emission from Quantum Dots. Science, 2010, 329, 910-911.	12.6	30
44	Enhancing the Optical Excitation Efficiency of a Single Self-Assembled Quantum Dot with a Plasmonic Nanoantenna. Nano Letters, 2010, 10, 4555-4558.	9.1	79
45	Ultrafast coherent control of plasmon polaritons on the nanoscale. , 2009, , .		0
46	Acoustic and Optical Modes of Single Dumbbells of Gold Nanoparticles. ChemPhysChem, 2009, 10, 111-114.	2.1	48
47	A common-path interferometer for time-resolved and shot-noise-limited detection of single nanoparticles. Optics Express, 2007, 15, 2273.	3.4	44
48	Far-Field Optical Microscopy of Single Metal Nanoparticles. Accounts of Chemical Research, 2005, 38, 594-601.	15.6	124
49	Statistical Evaluation of Single Nano-Object Fluorescence. ChemPhysChem, 2005, 6, 770-789.	2.1	129
50	Far-Field Optical Microscopy of Single Metal Nanoparticles. ChemInform, 2005, 36, no.	0.0	1
51	Detection of Acoustic Oscillations of Single Gold Nanospheres by Time-Resolved Interferometry. Physical Review Letters, 2005, 95, 267406.	7.8	202
52	Third-Harmonic Generation from Single Gold Nanoparticles. Nano Letters, 2005, 5, 799-802.	9.1	338
53	Coherent Electronic Coupling versus Localization in Individual Molecular Dimers. Physical Review Letters, 2004, 92, 103001.	7.8	93
54	Toward oxygen binding curves of single respiratory proteins. Micron, 2004, 35, 111-113.	2.2	5