

Harald Ditlbacher

List of Publications by Year in descending order

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24
papers

2,133
citations

623734

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25
all docs

25
docs citations

25
times ranked

2574
citing authors

#	ARTICLE	IF	CITATIONS
1	Coupling Silver Iodide Emitters to Aluminum Plasmons. Journal of Physical Chemistry C, 2021, 125, 2519-2523.	3.1	1
2	Photoconductivity of Colloidal Quantum Dot Films in Plasmonic Nanogaps. Proceedings (mdpi), 2020, 56, 23.	0.2	0
3	Correlating Spatially Resolved Photoconductivity and Luminescence in Colloidal Quantum Dot Films. Proceedings (mdpi), 2020, 56, 39.	0.2	0
4	Plasmonic Dispersion Relations and Intensity Enhancement of Metal-Insulator-Metal Nanodisks. ACS Photonics, 2018, 5, 4823-4827.	6.6	25
5	Gray State Dynamics in the Blinking of Single Type I Colloidal Quantum Dots. Nano, 2018, 13, 1850039.	1.0	3
6	Edge Mode Coupling within a Plasmonic Nanoparticle. Nano Letters, 2016, 16, 5152-5155.	9.1	15
7	Plasmon modes of a silver thin film taper probed with STEM-EELS. Optics Letters, 2015, 40, 5670.	3.3	5
8	Imaging nanowire plasmon modes with two-photon polymerization. Applied Physics Letters, 2015, 106, .	3.3	19
9	Probing plasmonic breathing modes optically. Applied Physics Letters, 2014, 105, 171103.	3.3	35
10	Morphing a Plasmonic Nanodisk into a Nanotriangle. Nano Letters, 2014, 14, 4810-4815.	9.1	112
11	Universal dispersion of surface plasmons in flat nanostructures. Nature Communications, 2014, 5, 3604.	12.8	96
12	Dark Plasmonic Breathing Modes in Silver Nanodisks. Nano Letters, 2012, 12, 5780-5783.	9.1	198
13	Integrated waveguide sensor utilizing organic photodiodes. Physica Status Solidi - Rapid Research Letters, 2011, 5, 344-346.	2.4	11
14	Modeling of electrically actuated elastomer structures for electro-optical modulation. Applied Physics A: Materials Science and Processing, 2011, 102, 407-413.	2.3	4
15	Integrated fluorescence sensor based on ring-shaped organic photodiodes. Physica Status Solidi - Rapid Research Letters, 2010, 4, 157-159.	2.4	14
16	Electron-Energy-Loss Spectra of Plasmonic Nanoparticles. Physical Review Letters, 2009, 103, 106801.	7.8	165
17	Organic light-emitting diodes as surface plasmon emitters. , 2009, , .		0
18	Coupling efficiency of light to surface plasmon polariton for single subwavelength holes in a gold film. Optics Express, 2008, 16, 3420.	3.4	72

#	ARTICLE	IF	CITATIONS
19	Surface Plasmon Polariton Mach-Zehnder Interferometer and Oscillation Fringes. Plasmonics, 2006, 1, 141-145.	3.4	35
20	How to erase surface plasmon fringes. Applied Physics Letters, 2006, 89, 091117.	3.3	98
21	Dielectric optical elements for surface plasmons. Optics Letters, 2005, 30, 893.	3.3	161
22	Quantitative analysis of surface plasmon interaction with silver nanoparticles. Optics Letters, 2005, 30, 1524.	3.3	110
23	Silver Nanowires as Surface Plasmon Resonators. Physical Review Letters, 2005, 95, 257403.	7.8	950
24	Photoconductivity of PbS Quantum Dot Films in Plasmonic Nanogaps. , 0, , .		0