

Michel Nasilowski

List of Publications by Year in descending order

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Version: 2024-02-01

14
papers

1,064
citations

687363

13
h-index

1058476

14
g-index

15
all docs

15
docs citations

15
times ranked

2079
citing authors

#	ARTICLE	IF	CITATIONS
1	Two-Dimensional Colloidal Nanocrystals. <i>Chemical Reviews</i> , 2016, 116, 10934-10982.	47.7	412
2	Synthesis cost dictates the commercial viability of lead sulfide and perovskite quantum dot photovoltaics. <i>Energy and Environmental Science</i> , 2018, 11, 2295-2305.	30.8	106
3	Temporary Charge Carrier Separation Dominates the Photoluminescence Decay Dynamics of Colloidal CdSe Nanoplatelets. <i>Nano Letters</i> , 2016, 16, 2047-2053.	9.1	103
4	Addressing the exciton fine structure in colloidal nanocrystals: the case of CdSe nanoplatelets. <i>Nanoscale</i> , 2018, 10, 646-656.	5.6	89
5	Probing Linewidths and Biexciton Quantum Yields of Single Cesium Lead Halide Nanocrystals in Solution. <i>Nano Letters</i> , 2017, 17, 6838-6846.	9.1	62
6	Negatively Charged Excitons in CdSe Nanoplatelets. <i>Nano Letters</i> , 2020, 20, 1370-1377.	9.1	58
7	Electron and Hole g -Factors and Spin Dynamics of Negatively Charged Excitons in CdSe/CdS Colloidal Nanoplatelets with Thick Shells. <i>Nano Letters</i> , 2018, 18, 373-380.	9.1	50
8	Efficient Semitransparent CsPbI ₃ Quantum Dots Photovoltaics Using a Graphene Electrode. <i>Small Methods</i> , 2019, 3, 1900449.	8.6	49
9	Micron-Scale Patterning of High Quantum Yield Quantum Dot LEDs. <i>Advanced Materials Technologies</i> , 2019, 4, 1800727.	5.8	33
10	Surface spin magnetism controls the polarized exciton emission from CdSe nanoplatelets. <i>Nature Nanotechnology</i> , 2020, 15, 277-282.	31.5	32
11	Colloidal atomic layer deposition growth of PbS/CdS core/shell quantum dots. <i>Chemical Communications</i> , 2017, 53, 869-872.	4.1	30
12	Single and Double Electron Spin-Flip Raman Scattering in CdSe Colloidal Nanoplatelets. <i>Nano Letters</i> , 2020, 20, 517-525.	9.1	21
13	Decreased Synthesis Costs and Waste Product Toxicity for Lead Sulfide Quantum Dot Ink Photovoltaics. <i>Advanced Sustainable Systems</i> , 2019, 3, 1900061.	5.3	14
14	Monodisperse and Water-Soluble Quantum Dots for SWIR Imaging via Carboxylic Acid Copolymer Ligands. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 35845-35855.	8.0	5