Michel Nasilowski

List of Publications by Year
in descending order

14	1,064	687363 13	1058476 14
papers	citations	h-index	g-index

15	15	15	2079
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Single and Double Electron Spin-Flip Raman Scattering in CdSe Colloidal Nanoplatelets. Nano Letters, 2020, 20, 517-525.	9.1	21
2	Monodisperse and Water-Soluble Quantum Dots for SWIR Imaging via Carboxylic Acid Copolymer Ligands. ACS Applied Materials & Interfaces, 2020, 12, 35845-35855.	8.0	5
3	Surface spin magnetism controls the polarized exciton emission from CdSe nanoplatelets. Nature Nanotechnology, 2020, 15, 277-282.	31.5	32
4	Negatively Charged Excitons in CdSe Nanoplatelets. Nano Letters, 2020, 20, 1370-1377.	9.1	58
5	Efficient Semitransparent CsPbI₃ Quantum Dots Photovoltaics Using a Graphene Electrode. Small Methods, 2019, 3, 1900449.	8.6	49
6	Decreased Synthesis Costs and Waste Product Toxicity for Lead Sulfide Quantum Dot Ink Photovoltaics. Advanced Sustainable Systems, 2019, 3, 1900061.	5.3	14
7	Micronâ€Scale Patterning of High Quantum Yield Quantum Dot LEDs. Advanced Materials Technologies, 2019, 4, 1800727.	5.8	33
8	Addressing the exciton fine structure in colloidal nanocrystals: the case of CdSe nanoplatelets. Nanoscale, 2018, 10, 646-656.	5.6	89
9	Electron and Hole g-Factors and Spin Dynamics of Negatively Charged Excitons in CdSe/CdS Colloidal Nanoplatelets with Thick Shells. Nano Letters, 2018, 18, 373-380.	9.1	50
10	Synthesis cost dictates the commercial viability of lead sulfide and perovskite quantum dot photovoltaics. Energy and Environmental Science, 2018, 11, 2295-2305.	30.8	106
11	Colloidal atomic layer deposition growth of PbS/CdS core/shell quantum dots. Chemical Communications, 2017, 53, 869-872.	4.1	30
12	Probing Linewidths and Biexciton Quantum Yields of Single Cesium Lead Halide Nanocrystals in Solution. Nano Letters, 2017, 17, 6838-6846.	9.1	62
13	Two-Dimensional Colloidal Nanocrystals. Chemical Reviews, 2016, 116, 10934-10982.	47.7	412
14	Temporary Charge Carrier Separation Dominates the Photoluminescence Decay Dynamics of Colloidal CdSe Nanoplatelets. Nano Letters, 2016, 16, 2047-2053.	9.1	103