

# Stijn Oskar Matisse Hinterding

## List of Publications by Year in descending order

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10  
papers

298  
citations

1040056

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1372567

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g-index

10  
all docs

10  
docs citations

10  
times ranked

519  
citing authors

#	ARTICLE	IF	CITATIONS
1	Mid-Gap States and Normal vs Inverted Bonding in Luminescent Cu <sup>+</sup> - and Ag <sup>+</sup> -Doped CdSe Nanocrystals. <i>Journal of the American Chemical Society</i> , 2017, 139, 6411-6421.	13.7	88
2	Extended Nucleation and Superfocusing in Colloidal Semiconductor Nanocrystal Synthesis. <i>Nano Letters</i> , 2021, 21, 2487-2496.	9.1	36
3	Unusual Spectral Diffusion of Single CuInS <sub>2</sub> Quantum Dots Sheds Light on the Mechanism of Radiative Decay. <i>Nano Letters</i> , 2021, 21, 658-665.	9.1	30
4	Single Trap States in Single CdSe Nanoplatelets. <i>ACS Nano</i> , 2021, 15, 7216-7225.	14.6	30
5	Copper-Coupled Electron Transfer in Colloidal Plasmonic Copper-Sulfide Nanocrystals Probed by <i>in Situ</i> Spectroelectrochemistry. <i>Journal of the American Chemical Society</i> , 2018, 140, 3434-3442.	13.7	28
6	Tailoring Cu <sup>+</sup> for Ga <sup>3+</sup> Cation Exchange in Cu <sub>2</sub> -xS and CuInS <sub>2</sub> Nanocrystals by Controlling the Ga Precursor Chemistry. <i>ACS Nano</i> , 2019, 13, 12880-12893.	14.6	28
7	Trapping and Detrapping in Colloidal Perovskite Nanoplatelets: Elucidation and Prevention of Nonradiative Processes through Chemical Treatment. <i>Journal of Physical Chemistry C</i> , 2020, 124, 8047-8054.	3.1	21
8	Biexciton Binding Energy and Line width of Single Quantum Dots at Room Temperature. <i>Nano Letters</i> , 2021, 21, 5760-5766.	9.1	18
9	Dynamics of Intermittent Delayed Emission in Single CdSe/CdS Quantum Dots. <i>Journal of Physical Chemistry Letters</i> , 2020, 11, 4755-4761.	4.6	14
10	Reversible Charge-Carrier Trapping Slows Förster Energy Transfer in CdSe/CdS Quantum-Dot Solids. <i>Nano Letters</i> , 2018, 18, 5867-5874.	9.1	5