

Willem Walravens

List of Publications by Year in descending order

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10
papers

1,763
citations

1163117

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1474206

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docs citations

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times ranked

3309
citing authors

#	ARTICLE	IF	CITATIONS
1	Quantum Dot Acceptors in Two-Dimensional Epitaxially Fused PbSe Quantum Dot Superlattices. ACS Nano, 2022, 16, 3081-3091.	14.6	10
2	Setting Carriers Free: Healing Faulty Interfaces Promotes Delocalization and Transport in Nanocrystal Solids. ACS Nano, 2019, 13, 12774-12786.	14.6	22
3	Precursor reaction kinetics control compositional grading and size of CdSe _x S _{1-x} nanocrystal heterostructures. Chemical Science, 2019, 10, 6539-6552.	7.4	18
4	Micro-Transfer-Printing of Al ₂ O ₃ -Capped Short-Wave-Infrared PbS Quantum Dot Photoconductors. ACS Applied Nano Materials, 2019, 2, 299-306.	5.0	14
5	Size and Concentration Determination of Colloidal Nanocrystals by Small-Angle X-ray Scattering. Chemistry of Materials, 2018, 30, 3952-3962.	6.7	73
6	A Library of Selenourea Precursors to PbSe Nanocrystals with Size Distributions near the Homogeneous Limit. Journal of the American Chemical Society, 2017, 139, 2296-2305.	13.7	96
7	HgSe/CdE (E = S, Se) Core/Shell Nanocrystals by Colloidal Atomic Layer Deposition. Journal of Physical Chemistry C, 2017, 121, 13816-13822.	3.1	33
8	Chemically Triggered Formation of Two-Dimensional Epitaxial Quantum Dot Superlattices. ACS Nano, 2016, 10, 6861-6870.	14.6	49
9	Highly Dynamic Ligand Binding and Light Absorption Coefficient of Cesium Lead Bromide Perovskite Nanocrystals. ACS Nano, 2016, 10, 2071-2081.	14.6	1,448
10	Setting Carriers Free – Healing Faulty Interfaces Promotes Delocalization and Transport in Nanocrystal Solids. , 0, , .		0