

Carlo van Overbeek

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9213630/publications.pdf>

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6
papers

473
citations

1478505

6
h-index

1872680

6
g-index

6
all docs

6
docs citations

6
times ranked

954
citing authors

#	ARTICLE	IF	CITATIONS
1	In situ study of the formation mechanism of two-dimensional superlattices from PbSe nanocrystals. Nature Materials, 2016, 15, 1248-1254.	27.5	199
2	High charge mobility in two-dimensional percolative networks of PbSe quantum dots connected by atomic bonds. Nature Communications, 2015, 6, 8195.	12.8	125
3	Crystallization of Nanocrystals in Spherical Confinement Probed by <i>in Situ</i> X-ray Scattering. Nano Letters, 2018, 18, 3675-3681.	9.1	53
4	Interfacial Self-Assembly and Oriented Attachment in the Family of PbX (X = S, Se, Te) Nanocrystals. Journal of Physical Chemistry C, 2018, 122, 12464-12473.	3.1	43
5	Mono- and Multilayer Silicene-Type Honeycomb Lattices by Oriented Attachment of PbSe Nanocrystals: Synthesis, Structural Characterization, and Analysis of the Disorder. Chemistry of Materials, 2018, 30, 4831-4837.	6.7	34
6	Unravelling three-dimensional adsorption geometries of PbSe nanocrystal monolayers at a liquid-air interface. Communications Chemistry, 2020, 3, .	4.5	19