

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