

# Andrea Lorenzoni

## List of Publications by Year in descending order

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13  
papers

191  
citations

1163117

8  
h-index

1199594

12  
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13  
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docs citations

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times ranked

374  
citing authors

#	ARTICLE	IF	CITATIONS
1	High-Performance and Stable Perovskite Solar Cells Based on Dopant-Free Arylamine-Substituted Copper(II) Phthalocyanine Hole-Transporting Materials. <i>Advanced Energy Materials</i> , 2019, 9, 1901019.	19.5	80
2	Correlation between gate-dielectric morphology at the nanoscale and charge transport properties in organic field-effect transistors. <i>RSC Advances</i> , 2015, 5, 11797-11805.	3.6	15
3	Morphology and Electronic Properties of <i>N,N</i> -Ditridecylperylene-3,4,9,10-tetracarboxylic Diimide Layered Aggregates: From Structural Predictions to Charge Transport. <i>Journal of Physical Chemistry C</i> , 2017, 121, 21857-21864.	3.1	14
4	Nanoscale morphology and electronic coupling at the interface between indium tin oxide and organic molecular materials. <i>Nanoscale</i> , 2018, 10, 9376-9385.	5.6	14
5	Perovskite Solar Cells: High-Performance and Stable Perovskite Solar Cells Based on Dopant-Free Arylamine-Substituted Copper(II) Phthalocyanine Hole-Transporting Materials ( <i>Adv. Energy Mater.</i> )	11.4	14
6	Epitaxial multilayers of alkanes on two-dimensional black phosphorus as passivating and electrically insulating nanostructures. <i>Nanoscale</i> , 2019, 11, 17252-17261.	5.6	13
7	Theoretical insights on morphology and charge transport properties of two-dimensional <i>N,N</i> -ditridecylperylene-3,4,9,10-tetra carboxylic diimide aggregates. <i>RSC Advances</i> , 2016, 6, 40724-40730.	3.6	11
8	A self-assembled lysinated perylene diimide film as a multifunctional material for neural interfacing. <i>Journal of Materials Chemistry B</i> , 2016, 4, 2921-2932.	5.8	8
9	Spatial and orientational dependence of electron transfer parameters in aggregates of iridium-containing host materials for OLEDs: coupling constrained density functional theory with molecular dynamics. <i>Physical Chemistry Chemical Physics</i> , 2018, 20, 28393-28399.	2.8	8
10	A Computational Predictive Approach for Controlling the Morphology of Functional Molecular Aggregates on Substrates. <i>Advanced Theory and Simulations</i> , 2019, 2, 1900156.	2.8	7
11	Noncovalent passivation of supported phosphorene for device applications: from morphology to electronic properties. <i>Physical Chemistry Chemical Physics</i> , 2020, 22, 12482-12488.	2.8	6
12	3D versus 2D Electrolyte-Semiconductor Interfaces in Rylene-Diimide-Based Electron-Transporting Water-Gated Organic Field-Effect Transistors. <i>Advanced Electronic Materials</i> , 2020, 6, 2000638.	5.1	2
13	Integration of computational tools, data analysis and social science into food safety risk assessment. <i>EFSA Journal</i> , 2020, 18, e181108.	1.8	0