

# Alessandro Di Pierro

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8242659/publications.pdf>

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6  
papers

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citations

1683354

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1872312

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g-index

6  
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6  
docs citations

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times ranked

277  
citing authors

#	ARTICLE	IF	CITATIONS
1	Edge-Grafted Molecular Junctions between Graphene Nanoplatelets: Applied Chemistry to Enhance Heat Transfer in Nanomaterials. <i>Advanced Functional Materials</i> , 2018, 28, 1706954.	7.8	39
2	Thermal bridging of graphene nanosheets via covalent molecular junctions: A non-equilibrium Green's functions density functional tight-binding study. <i>Nano Research</i> , 2019, 12, 791-799.	5.8	29
3	Molecular junctions for thermal transport between graphene nanoribbons: Covalent bonding vs. interdigitated chains. <i>Computational Materials Science</i> , 2018, 142, 255-260.	1.4	11
4	Aromatic molecular junctions between graphene sheets: a molecular dynamics screening for enhanced thermal conductance. <i>RSC Advances</i> , 2019, 9, 15573-15581.	1.7	7
5	A Multiscale Investigation on the Thermal Transport in Polydimethylsiloxane Nanocomposites: Graphene vs. Borophene. <i>Nanomaterials</i> , 2021, 11, 1252.	1.9	6
6	Molecular Junctions Enhancing Thermal Transport within Graphene Polymer Nanocomposite: A Molecular Dynamics Study. <i>Nanomaterials</i> , 2021, 11, 2480.	1.9	2