

# Alessandro Di Piero

## List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

6

papers

72

citations

4

h-index

6

g-index

6

ext. papers

86

ext. citations

7.1

avg, IF

2.36

L-index

#	Paper	IF	Citations
6	Edge-Grafted Molecular Junctions between Graphene Nanoplatelets: Applied Chemistry to Enhance Heat Transfer in Nanomaterials. <i>Advanced Functional Materials</i> , <b>2018</b> , 28, 1706954	15.6	32
5	Thermal bridging of graphene nanosheets via covalent molecular junctions: A non-equilibrium Green's functions density functional tight-binding study. <i>Nano Research</i> , <b>2019</b> , 12, 791-799	10	19
4	Molecular junctions for thermal transport between graphene nanoribbons: Covalent bonding vs. interdigitated chains. <i>Computational Materials Science</i> , <b>2018</b> , 142, 255-260	3.2	10
3	Aromatic molecular junctions between graphene sheets: a molecular dynamics screening for enhanced thermal conductance.. <i>RSC Advances</i> , <b>2019</b> , 9, 15573-15581	3.7	6
2	A Multiscale Investigation on the Thermal Transport in Polydimethylsiloxane Nanocomposites: Graphene vs. Borophene. <i>Nanomaterials</i> , <b>2021</b> , 11,	5.4	3
1	Molecular Junctions Enhancing Thermal Transport within Graphene Polymer Nanocomposite: A Molecular Dynamics Study. <i>Nanomaterials</i> , <b>2021</b> , 11,	5.4	2