

# Ziwei Li

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/898780/publications.pdf>

Version: 2024-02-01

7  
papers

152  
citations

1478505

6  
h-index

1720034

7  
g-index

7  
all docs

7  
docs citations

7  
times ranked

187  
citing authors

#	ARTICLE	IF	CITATIONS
1	Experimental and numerical study on the effective thermal conductivity of paraffin/expanded graphite composite. <i>Solar Energy Materials and Solar Cells</i> , 2014, 128, 447-455.	6.2	91
2	Methods to Characterize Effective Thermal Conductivity, Diffusivity and Thermal Response in Different Classes of Composite Phase Change Materials. <i>Materials</i> , 2019, 12, 2552.	2.9	16
3	Review on the temperature-dependent thermophysical properties of liquid paraffins and composite phase change materials with metallic porous structures. <i>Materials Today Energy</i> , 2021, 20, 100642.	4.7	15
4	Reliable estimation of effective thermal properties of a 2-phase material by its optimized modelling in view of Lattice Monte-Carlo simulation. <i>Computational Materials Science</i> , 2019, 169, 109125.	3.0	11
5	Modelling the conditions for natural convection onset in open-cell porous Al/paraffin composite phase change materials: Effects of temperature, paraffin type and metallic structure geometry. <i>International Journal of Heat and Mass Transfer</i> , 2021, 173, 121279.	4.8	9
6	On the use of effective thermophysical properties to predict the melting process of composite phase change materials with coarse structures. <i>International Journal of Heat and Mass Transfer</i> , 2021, 180, 121765.	4.8	6
7	Numerical and Experimental Evaluation of Thermal Conductivity: An Application to Al-Sn Alloys. <i>Metals</i> , 2021, 11, 650.	2.3	4