Bertrand Garnier

List of Publications by Year
in descending order

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11 papers	86 citations	1478505 6 h-index	1474206 9 g-index
11 all docs	11 docs citations	11 times ranked	85 citing authors

#	Article	IF	Citations
1	Analytical and Numerical Investigation on Effective Thermal Conductivity of Polymer Composites Filled with Conductive Hollow Particles. International Journal of Thermophysics, 2013, 34, 101-112.	2.1	16
2	Heat transfer at the grinding interface between glass plate and sintered diamond wheel. International Journal of Thermal Sciences, 2016, 107, 89-95.	4.9	16
3	Effective Conductivity of a Composite in a Primitive Tetragonal Lattice of Highly Conducting Spheres in Resistive Thermal Contact With the Isolating Matrix. Journal of Heat Transfer, 2007, 129, 1617-1626.	2.1	11
4	Use of hollow metallic particles for the thermal conductivity enhancement and lightening of filled polymer. Polymer Degradation and Stability, 2016, 127, 113-118.	5.8	11
5	Measurement and model on thermal properties of sintered diamond composites. Journal of Alloys and Compounds, 2013, 551, 636-642.	5.5	8
6	Numerical and experimental hydrodynamic study of a coolant distributor for grinding applications. Engineering Applications of Computational Fluid Mechanics, 2016, 10, 86-99.	3.1	7
7	Numerical Investigation of Heat Transfer of Silver-Coated Glass Particles Dispersed in Ethylene Vinyl Acetate Matrix. International Journal of Thermophysics, 2014, 35, 1803-1816.	2.1	6
8	Radial thermal conductivity of a PAN type carbon fiber using the 3 omega method. International Journal of Thermal Sciences, 2022, 172, 107321.	4.9	6
9	Effective conductivity bounds by inserting adiabatic or isothermal surfaces. International Journal of Heat and Mass Transfer, 2011, 54, 3523-3535.	4.8	3
10	Temperature measurement of flat glass edge during grinding and effect of wheel and workpiece speeds. Measurement Science and Technology, 2017, 28, 065008.	2.6	2
11	Use of an OLED as a thermal source to supply integrated organic Peltier unit. Applied Thermal Engineering, 2015, 76, 530-534.	6.0	0