

Rodolphe Heyd

List of Publications by Year in descending order

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Version: 2024-02-01

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papers

457
citations

1163117

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docs citations

22
times ranked

472
citing authors

#	ARTICLE	IF	CITATIONS
1	Solution of Basset integro-differential equations by IIR digital filters. AEJ - Alexandria Engineering Journal, 2022, 61, 11899-11911.	6.4	2
2	Viscosity and Rheological Properties of Graphene Nanopowders Nanofluids. Entropy, 2021, 23, 979.	2.2	19
3	Experimental Measurements on the Thermal Conductivity of Glycerol-Based Nanofluids with Different Thermal Contrasts. Journal of Nanomaterials, 2021, 2021, 1-9.	2.7	4
4	One-Dimensional Systemic Modeling of Thermal Sensors Based on Miniature Bead-Type Thermistors. Sensors, 2021, 21, 7866.	3.8	0
5	Drying colloidal systems: Laboratory models for a wide range of applications. European Physical Journal E, 2018, 41, 94.	1.6	43
6	Thermal Conductivity of Suspension of Aggregating Nanometric Rods. Entropy, 2017, 19, 19.	2.2	10
7	Study of heat conduction through a self-heated composite cylinder by Laplace transfer functions. Applied Mathematical Modelling, 2016, 40, 10360-10376.	4.2	6
8	Optical properties of potential-inserted quantum wells in the near infrared and Terahertz ranges. Solid State Communications, 2016, 236, 7-11.	1.9	3
9	Resistive Electrothermal Sensors, Mechanism of Operation and Modelling. , 2015, , .		0
10	Isothermal dehydration of thin films of water and sugar solutions. Journal of Chemical Physics, 2014, 140, 124701.	3.0	8
11	Real-time heat conduction in a self-heated composite slab by PadÃ© filters. International Journal of Heat and Mass Transfer, 2014, 71, 606-614.	4.8	5
12	Patterned surfaces in the drying of films composed of water, polymer, and alcohol. Physical Review E, 2012, 86, 061601.	2.1	5
13	Role of Glucose in Enhancing Stability of Aqueous Silica Gels Against Dehydration. Journal of Physical Chemistry C, 2012, 116, 9481-9486.	3.1	6
14	1D analog behavioral SPICE model for hot wire sensors in the continuum regime. Sensors and Actuators A: Physical, 2012, 174, 9-15.	4.1	7
15	Development of absolute hot-wire anemometry by the 3ï¿½ method. Review of Scientific Instruments, 2010, 81, 044901.	1.3	17
16	Metal-semiconductor transitions under uniaxial stress for single- and double-walled carbon nanotubes. Journal of Physics and Chemistry of Solids, 2001, 62, 439-444.	4.0	18
17	Classification for double-walled carbon nanotubes. Carbon, 1999, 37, 1779-1783.	10.3	65
18	Alignment defects in zigzag and armchair carbon nanotubules. Physical Review B, 1997, 56, 9958-9963.	3.2	3

#	ARTICLE	IF	CITATIONS
19	Uniaxial-stress effects on the electronic properties of carbon nanotubes. Physical Review B, 1997, 55, 6820-6824.	3.2	214
20	Band theory and electronic structures of carbon nanotubes. Synthetic Metals, 1997, 89, 81-86.	3.9	12
21	On the temperature dependence of electrical conductivity of buckytube-containing carbonaceous samples. Solid State Communications, 1994, 89, 989-994.	1.9	6
22	Nanofluids for Heat Transfer. , 0, , .		4