

Qiyue Zheng

List of Publications by Year in descending order

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Version: 2024-02-01

50
papers

13,736
citations

101543

36
h-index

189892

50
g-index

50
all docs

50
docs citations

50
times ranked

12127
citing authors

#	ARTICLE	IF	CITATIONS
19	Thermal Conductivity of Graphite Thin Films Grown by Low Temperature Chemical Vapor Deposition on Ni (111). <i>Advanced Materials Interfaces</i> , 2016, 3, 1600234.	3.7	35
20	Lithium-Ion Batteries: Graphene Sandwiched Mesostructured Li-Ion Battery Electrodes (<i>Adv. Mater.</i>) Tj ETQq0 0.0 rgBT /Oyerlock 10	21.0	4
21	Graphene Sandwiched Mesostructured Li-Ion Battery Electrodes. <i>Advanced Materials</i> , 2016, 28, 7696-7702.	21.0	86
22	Tuning thermal conductivity in molybdenum disulfide by electrochemical intercalation. <i>Nature Communications</i> , 2016, 7, 13211.	12.8	136
23	An InGaN-Based Solar Cell Including Dual InGaN/GaN Multiple Quantum Wells. <i>IEEE Photonics Technology Letters</i> , 2016, 28, 2117-2120.	2.5	11
24	High Volumetric Capacity Three-Dimensionally Sphere-Caged Secondary Battery Anodes. <i>Nano Letters</i> , 2016, 16, 4501-4507.	9.1	62
25	Thermal Conductivity, Heat Capacity, and Elastic Constants of Water-Soluble Polymers and Polymer Blends. <i>Macromolecules</i> , 2016, 49, 972-978.	4.8	201
26	Anisotropic Thermal Conductivity of Exfoliated Black Phosphorus. <i>Advanced Materials</i> , 2015, 27, 8017-8022.	21.0	221
27	Measurement of the anisotropic thermal conductivity of molybdenum disulfide by the time-resolved magneto-optic Kerr effect. <i>Journal of Applied Physics</i> , 2014, 116, .	2.5	210
28	Nanoscale thermal transport. II. 2003-2012. <i>Applied Physics Reviews</i> , 2014, 1, 011305.	11.3	1,277
29	Electrochemically tunable thermal conductivity of lithium cobalt oxide. <i>Nature Communications</i> , 2014, 5, 4035.	12.8	137
30	Invited Article: Micron resolution spatially resolved measurement of heat capacity using dual-frequency time-domain thermoreflectance. <i>Review of Scientific Instruments</i> , 2013, 84, 071301.	1.3	77
31	Structural, Electronic, and Optical Properties of Bulk Graphdiyne. <i>Journal of Physical Chemistry C</i> , 2013, 117, 13072-13079.	3.1	101
32	Thermal Conductivity of High-Modulus Polymer Fibers. <i>Macromolecules</i> , 2013, 46, 4937-4943.	4.8	234
33	Thermoreflectance of metal transducers for optical pump-probe studies of thermal properties. <i>Optics Express</i> , 2012, 20, 28829.	3.4	109
34	Effects of chemical bonding on heat transport across interfaces. <i>Nature Materials</i> , 2012, 11, 502-506.	27.5	560
35	Structural and electronic properties of bilayer and trilayer graphdiyne. <i>Nanoscale</i> , 2012, 4, 3990.	5.6	156
36	Electric-Field-Induced Energy Gap in Few-Layer Graphene. <i>Journal of Physical Chemistry C</i> , 2011, 115, 9458-9464.	3.1	72

#	ARTICLE	IF	CITATIONS
37	Heat Conduction across Monolayer and Few-Layer Graphenes. Nano Letters, 2010, 10, 4363-4368.	9.1	354
38	Two-tint pump-probe measurements using a femtosecond laser oscillator and sharp-edged optical filters. Review of Scientific Instruments, 2008, 79, 114901.	1.3	173
39	Ultralow Thermal Conductivity in Disordered, Layered WSe ₂ Crystals. Science, 2007, 315, 351-353.	12.6	754
40	Ultrafast Flash Thermal Conductance of Molecular Chains. Science, 2007, 317, 787-790.	12.6	401
41	Thermal conductivity imaging at micrometre-scale resolution for combinatorial studies of materials. Nature Materials, 2004, 3, 298-301.	27.5	148
42	Analysis of heat flow in layered structures for time-domain thermorefectance. Review of Scientific Instruments, 2004, 75, 5119-5122.	1.3	1,220
43	Thermal conductance of epitaxial interfaces. Physical Review B, 2003, 67, .	3.2	403
44	Thermal conductivity of Si ¹⁰⁰ Ge superlattices. Applied Physics Letters, 1997, 70, 2957-2959.	3.3	657
45	Elastic properties of several amorphous solids and disordered crystals below 100 K. Zeitschrift für Physik B-Condensed Matter, 1996, 101, 235-245.	1.1	114
46	Lower limit to the thermal conductivity of disordered crystals. Physical Review B, 1992, 46, 6131-6140.	3.2	2,023
47	Thermal conductivity measurement from 30 to 750 K: the 3 $\frac{1}{2}$ % method. Review of Scientific Instruments, 1990, 61, 802-808.	1.3	1,660
48	Torsional oscillator for internal friction data at 100 kHz. Review of Scientific Instruments, 1989, 60, 2706-2710.	1.3	46
49	Thermal conductivity of thin films: Measurements and understanding. Journal of Vacuum Science and Technology A: Vacuum, Surfaces and Films, 1989, 7, 1259-1266.	2.1	270
50	Thermal conductivity of amorphous solids above the plateau. Physical Review B, 1987, 35, 4067-4073.	3.2	694