

Peng Qin

List of Publications by Year in descending order

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13
papers

540
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840776

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#	ARTICLE	IF	CITATIONS
1	Boosting the Thermoelectric Performance of (Na,K)-Codoped Polycrystalline SnSe by Synergistic Tailoring of the Band Structure and Atomic-Scale Defect Phonon Scattering. <i>Journal of the American Chemical Society</i> , 2017, 139, 9714-9720.	13.7	168
2	Highly Enhanced Thermoelectric Properties of Bi/Bi ₂ S ₃ Nanocomposites. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 4828-4834.	8.0	107
3	Three-Stage Inter-Orthorhombic Evolution and High Thermoelectric Performance in Ag-Doped Nanolaminar SnSe Polycrystals. <i>Advanced Energy Materials</i> , 2017, 7, 1700573.	19.5	48
4	Enhanced thermoelectric properties of SiC nanoparticle dispersed Cu _{1.8} S bulk materials. <i>Journal of Alloys and Compounds</i> , 2017, 696, 782-787.	5.5	43
5	Excellent <i>ZT</i> achieved in Cu _{1.8} S thermoelectric alloys through introducing rare-earth trichlorides. <i>Journal of Materials Chemistry A</i> , 2018, 6, 14440-14448.	10.3	39
6	Enhanced thermoelectric performance through synergy of resonance levels and valence band convergence <i>via</i> Q/In (Q = Mg, Ag, Bi) co-doping. <i>Journal of Materials Chemistry A</i> , 2018, 6, 2507-2516.	10.3	34
7	Improvements of thermoelectric properties for p-type Cu _{1.8} S bulk materials via optimizing the mechanical alloying process. <i>Inorganic Chemistry Frontiers</i> , 2017, 4, 1192-1199.	6.0	26
8	Effects of second phases on thermoelectric properties in copper sulfides with Sn addition. <i>Journal of Materials Research</i> , 2017, 32, 3029-3037.	2.6	19
9	Achieving high thermoelectric performance of Cu _{1.8} S composites with WSe ₂ nanoparticles. <i>Nanotechnology</i> , 2018, 29, 345402.	2.6	19
10	Facile Synthesis of NaBiS ₂ Nanoribbons as a Promising Visible Light-Driven Photocatalyst. <i>Physica Status Solidi - Rapid Research Letters</i> , 2018, 12, 1800135.	2.4	18
11	Enhanced thermoelectric properties of In ₂ O ₃ (ZnO) ₅ intrinsic superlattice ceramics by optimizing the sintering process. <i>RSC Advances</i> , 2017, 7, 49883-49889.	3.6	11
12	Synergistic modulation of electrical and thermal properties of Cu _{1.8} S bulk materials via nanostructuring and band engineering. <i>Journal of Alloys and Compounds</i> , 2021, 852, 156972.	5.5	6
13	Synthesis and thermoelectric properties of InSb alloys by solid reaction. <i>Data in Brief</i> , 2018, 21, 2515-2517.	1.0	2