

Yucheng

List of Publications by Year in descending order

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161
papers

16,869
citations

50276

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all docs

170
docs citations

170
times ranked

14185
citing authors

#	ARTICLE	IF	CITATIONS
1	High-Thermoelectric Performance of Nanostructured Bismuth Antimony Telluride Bulk Alloys. Science, 2008, 320, 634-638.	12.6	4,843
2	Enhanced Thermoelectric Figure-of-Merit in Nanostructured p-type Silicon Germanium Bulk Alloys. Nano Letters, 2008, 8, 4670-4674.	9.1	1,014
3	Enhancement of Thermoelectric Figure-of-Merit by a Bulk Nanostructuring Approach. Advanced Functional Materials, 2010, 20, 357-376.	14.9	795
4	High thermoelectric performance by resonant dopant indium in nanostructured SnTe. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 13261-13266.	7.1	632
5	Enhanced thermoelectric figure of merit in nanostructured n-type silicon germanium bulk alloy. Applied Physics Letters, 2008, 93, .	3.3	623
6	Experimental Studies on Anisotropic Thermoelectric Properties and Structures of n-Type Bi ₂ Te _{2.7} Se _{0.3} . Nano Letters, 2010, 10, 3373-3378.	9.1	608
7	Thermoelectric Property Studies on Cu-Doped n-Type Cu _x Bi ₂ Te _{2.7} Se _{0.3} Nanocomposites. Advanced Energy Materials, 2011, 1, 577-587.	19.5	535
8	Enhanced Thermoelectric Figure-of-Merit in p-Type Nanostructured Bismuth Antimony Tellurium Alloys Made from Elemental Chunks. Nano Letters, 2008, 8, 2580-2584.	9.1	515
9	Power Factor Enhancement by Modulation Doping in Bulk Nanocomposites. Nano Letters, 2011, 11, 2225-2230.	9.1	461
10	Enhanced Thermoelectric Figure of Merit of p-Type Half-Heuslers. Nano Letters, 2011, 11, 556-560.	9.1	362
11	Mini review on photocatalysis of titanium dioxide nanoparticles and their solar applications. Nano Energy, 2013, 2, 1031-1045.	16.0	348
12	Recent Advances of Graphitic Carbon Nitride-Based Structures and Applications in Catalyst, Sensing, Imaging, and LEDs. Nano-Micro Letters, 2017, 9, 47.	27.0	348
13	A molecular-imprint nanosensor for ultrasensitive detection of proteins. Nature Nanotechnology, 2010, 5, 597-601.	31.5	322
14	One-step synthesis of self-supported porous NiSe ₂ /Ni hybrid foam: An efficient 3D electrode for hydrogen evolution reaction. Nano Energy, 2016, 20, 29-36.	16.0	279
15	High thermoelectric performance of MgAgSb-based materials. Nano Energy, 2014, 7, 97-103.	16.0	264
16	Increased Phonon Scattering by Nanograins and Point Defects in Nanostructured Silicon with a Low Concentration of Germanium. Physical Review Letters, 2009, 102, 196803.	7.8	263
17	Structure Study of Bulk Nanograined Thermoelectric Bismuth Antimony Telluride. Nano Letters, 2009, 9, 1419-1422.	9.1	236
18	Achieving high power factor and output power density in p-type half-Heuslers Nb _{1-x} Ti _x FeSb. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, 13576-13581.	7.1	213

#	ARTICLE	IF	CITATIONS
19	Engineering phosphorus-doped LaFeO ₃ - δ perovskite oxide as robust bifunctional oxygen electrocatalysts in alkaline solutions. Nano Energy, 2018, 47, 199-209.	16.0	202
20	Straight and Smooth GaN Nanowires. Advanced Materials, 2000, 12, 1432-1434.	21.0	181
21	NbFeSb-based p-type half-Heuslers for power generation applications. Energy and Environmental Science, 2014, 7, 4070-4076.	30.8	174
22	Higher thermoelectric performance of Zintl phases (Eu _{0.5} Yb _{0.5}) _{1-x} Ca _x Mg ₂ Bi ₂ by band engineering and strain fluctuation. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, E4125-32.	7.1	145
23	Enhanced Thermal Stability of W ₂ O ₃ Cermet-Based Spectrally Selective Solar Absorbers with Tungsten Infrared Reflectors. Advanced Energy Materials, 2015, 5, 1401042.	19.5	144
24	Rational Design of Cobalt-Iron Selenides for Highly Efficient Electrochemical Water Oxidation. ACS Applied Materials & Interfaces, 2017, 9, 33833-33840.	8.0	140
25	Physics and applications of aligned carbon nanotubes. Advances in Physics, 2011, 60, 553-678.	14.4	128
26	Formation of GaN nanorods by a sublimation method. Journal of Crystal Growth, 2000, 213, 408-410.	1.5	125
27	Li ₃ VO ₄ anchored graphene nanosheets for long-life and high-rate lithium-ion batteries. Chemical Communications, 2015, 51, 229-231.	4.1	107
28	Solubility study of Yb in n-type skutterudites Yb_x Physical Review B, 2009, 80, .	3.2	104
29	Intercalation of Glucose in NiMn-Layered Double Hydroxide Nanosheets: an Effective Path Way towards Battery-type Electrodes with Enhanced Performance. Electrochimica Acta, 2016, 216, 35-43.	5.2	98
30	Diffusion of nickel and tin in p-type (Bi,Sb) ₂ Te ₃ and n-type Bi ₂ (Te,Se) ₃ thermoelectric materials. Applied Physics Letters, 2008, 92, .	3.3	97
31	Efficient nanocoaxial-based solar cells. Physica Status Solidi - Rapid Research Letters, 2010, 4, 181-183.	2.4	87
32	Blue emission and Raman scattering spectrum from AlN nanocrystalline powders. Journal of Crystal Growth, 2000, 213, 198-202.	1.5	79
33	Low-temperature synthesis and photoluminescence of AlN. Journal of Crystal Growth, 1999, 207, 247-250.	1.5	76
34	Highly active and durable self-standing WS ₂ /graphene hybrid catalysts for the hydrogen evolution reaction. Journal of Materials Chemistry A, 2016, 4, 9472-9476.	10.3	75
35	Study on thermoelectric performance by Na doping in nanostructured Mg ₁ -NaAg _{0.97} Sb _{0.99} . Nano Energy, 2015, 11, 640-646.	16.0	74
36	Experimental study of the proposed super-thermal-conductor: BAs. Applied Physics Letters, 2015, 106, .	3.3	68

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37	A Review of Current Development of Graphene Mechanics. <i>Crystals</i> , 2018, 8, 357.	2.2	68
38	Bi ₂ S ₃ nanonetwork as precursor for improved thermoelectric performance. <i>Nano Energy</i> , 2014, 4, 113-122.	16.0	64
39	Effect of selenium deficiency on the thermoelectric properties of n-type In ₄ Se ₃ compounds. <i>Physical Review B</i> , 2011, 83, .	3.2	61
40	Structure, magnetic susceptibility and resistivity properties of SrVO ₃ . <i>Journal of Alloys and Compounds</i> , 2003, 354, 95-98.	5.5	59
41	Nickel diselenide nanoflakes give superior urea electrocatalytic conversion. <i>Electrochimica Acta</i> , 2019, 297, 833-841.	5.2	59
42	Investigating the thermoelectric properties of p-type half-Heusler Hf _x (ZrTi) _{1-x} CoSb _{0.8} Sn _{0.2} by reducing Hf concentration for power generation. <i>RSC Advances</i> , 2014, 4, 64711-64716.	3.6	54
43	Effect of Cu concentration on thermoelectric properties of nanostructured p-type MgAg _{0.97} CuSb _{0.99} . <i>Acta Materialia</i> , 2015, 87, 266-272.	7.9	53
44	Thermoelectric property enhancement in Yb-doped n-type skutterudites Yb _x Co ₄ Sb ₁₂ . <i>Acta Materialia</i> , 2014, 75, 316-321.	7.9	52
45	Morphologies of GaN one-dimensional materials. <i>Applied Physics A: Materials Science and Processing</i> , 2000, 71, 587-588.	2.3	50
46	Structure and Heat Capacity of Wurtzite GaN from 113 to 1073 K. <i>Chinese Physics Letters</i> , 1999, 16, 107-108.	3.3	47
47	Single-molecule magnet behaviour in a tetranuclear Dy ^{III} complex formed from a novel tetrazine-centered hydrazone Schiff base ligand. <i>Dalton Transactions</i> , 2017, 46, 2471-2478.	3.3	47
48	The great improvement effect of pores on ZT in Co _{1-x} Ni _x Sb ₃ system. <i>Applied Physics Letters</i> , 2008, 93, .	3.3	46
49	Recent Progress on Irradiation-Induced Defect Engineering of Two-Dimensional 2H-MoS ₂ Few Layers. <i>Applied Sciences (Switzerland)</i> , 2019, 9, 678.	2.5	46
50	Aligned Carbon Nanotubes. <i>Nanoscience and Technology</i> , 2013, , .	1.5	45
51	Carbon-coated rhombohedral Li ₃ V ₂ (PO ₄) ₃ as both cathode and anode materials for lithium-ion batteries: electrochemical performance and lithium storage mechanism. <i>Journal of Materials Chemistry A</i> , 2014, 2, 20231-20236.	10.3	44
52	Radial growth dynamics of nanowires. <i>Journal of Crystal Growth</i> , 2001, 222, 586-590.	1.5	40
53	Intercalation Pseudocapacitance of Exfoliated Molybdenum Disulfide for Ultrafast Energy Storage. <i>ChemNanoMat</i> , 2016, 2, 688-691.	2.8	38
54	Magic auxeticity angle of graphene. <i>Carbon</i> , 2019, 149, 350-354.	10.3	38

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55	Deformation-induced cold-welding for self-healing of super-durable flexible transparent electrodes. <i>Nano Energy</i> , 2014, 8, 110-117.	16.0	36
56	The effect of secondary phase on thermoelectric properties of Zn ₄ Sb ₃ compound. <i>Nano Energy</i> , 2013, 2, 1172-1178.	16.0	35
57	Well-oriented epitaxial gold nanotriangles and bowties on MoS ₂ for surface-enhanced Raman scattering. <i>Nanoscale</i> , 2015, 7, 9153-9157.	5.6	35
58	Synthesis and structure of nanocrystal-assembled bulk GaN. <i>Journal of Crystal Growth</i> , 2000, 209, 208-212.	1.5	34
59	Field Emission from Few-Layer Graphene Nanosheets Produced by Liquid Phase Exfoliation of Graphite. <i>Journal of Nanoscience and Nanotechnology</i> , 2010, 10, 5051-5055.	0.9	33
60	Nanostructured Thermoelectric Skutterudite Co _{1-x} Ni _x Sb ₃ Alloys. <i>Journal of Nanoscience and Nanotechnology</i> , 2008, 8, 4003-4006.	0.9	31
61	Thermoelectric and mechanical properties on misch metal filled p-type skutterudites Mm _{0.9} Fe _{4-x} CoxSb ₁₂ . <i>Journal of Applied Physics</i> , 2015, 117, 055101.	2.5	31
62	Nanothermometer Using Single Crystal Silver Nanospheres. <i>Advanced Materials</i> , 2009, 21, 4839-4844.	21.0	30
63	Increased thermoelectric performance by Cl doping in nanostructured AgPb ₁₈ SbSe _{20-x} Cl _x . <i>Nano Energy</i> , 2013, 2, 1121-1127.	16.0	30
64	Syntheses and structure of nanocrystalline gallium nitride obtained from ammonothermal method using lithium metal as mineralizator. <i>Materials Research Bulletin</i> , 2000, 35, 2325-2330.	5.2	28
65	Growth and characterization of SrMoO ₃ thin films. <i>Journal of Crystal Growth</i> , 2001, 226, 261-266.	1.5	28
66	Effect of triple fillers in thermoelectric performance of p-type skutterudites. <i>Journal of Alloys and Compounds</i> , 2015, 623, 104-108.	5.5	26
67	Transport and mechanical properties of the double-filled p-type skutterudites La _{0.68} Ce _{0.22} Fe _{4-x} CoxSb ₁₂ . <i>Acta Materialia</i> , 2016, 117, 13-22.	7.9	26
68	Cellulose hydrogel as a flexible gel electrolyte layer. <i>MRS Communications</i> , 2019, 9, 122-128.	1.8	25
69	The electrorheological behavior of complex strontium titanate suspensions. <i>Applied Physics Letters</i> , 1998, 73, 1326-1328.	3.3	23
70	Nanocoax solar cells based on aligned multiwalled carbon nanotube arrays. <i>Physica Status Solidi (A) Applications and Materials Science</i> , 2011, 208, 924-927.	1.8	22
71	Excitonic Resonant Emission—Absorption of Surface Plasmons in Transition Metal Dichalcogenides for Chip-Level Electronic—Photonic Integrated Circuits. <i>ACS Photonics</i> , 2016, 3, 869-874.	6.6	21
72	Basic Concepts and Recent Advances of Crystallographic Orientation Determination of Graphene by Raman Spectroscopy. <i>Crystals</i> , 2018, 8, 375.	2.2	21

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73	Vacancy ordering induced topological electronic transition in bulk Eu_2ZnSb_2 . <i>Science Advances</i> , 2021, 7, .	10.3	21
74	Magnetic-Responsive Photosensitizer Nanoplatform for Optimized Inactivation of Dental Caries-Related Biofilms: Technology Development and Proof of Principle. <i>ACS Nano</i> , 2021, 15, 19888-19904.	14.6	21
75	Epitaxial growth and electric characteristics of SrMoO_3 thin films. <i>Journal of Vacuum Science and Technology A: Vacuum, Surfaces and Films</i> , 2001, 19, 930-933.	2.1	20
76	Electric-field induced low temperature superconducting granular balls. <i>Physica C: Superconductivity and Its Applications</i> , 2002, 377, 357-361.	1.2	20
77	Molecular extraction in single live cells by sneaking in and out magnetic nanomaterials. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 10966-10971.	7.1	20
78	Thermoelectric performance of Ni compensated cerium and neodymium double filled p-type skutterudites. <i>Physical Chemistry Chemical Physics</i> , 2014, 16, 18170-18175.	2.8	20
79	The conductivity dependence of the shear stress in electrorheological fluids. <i>Applied Physics Letters</i> , 1998, 73, 2908-2910.	3.3	19
80	Nanostructured YbAgCu_4 for Potentially Cryogenic Thermoelectric Cooling. <i>Nano Letters</i> , 2014, 14, 5016-5020.	9.1	19
81	Raman-scattering spectrum of GaN straight nanowires. <i>Applied Physics A: Materials Science and Processing</i> , 2000, 71, 345-346.	2.3	18
82	Phase relations in the $\text{MgO-Ga}_2\text{O}_3\text{-B}_2\text{O}_3$ system and the crystal structure of MgGaBO_4 . <i>Journal of Alloys and Compounds</i> , 2001, 319, 247-252.	5.5	18
83	Glucose sensors made of novel carbon nanotube-gold nanoparticle composites. <i>BioFactors</i> , 2007, 30, 271-277.	5.4	18
84	Experimental study of dielectric constant influence on electrorheological effect. <i>Journal Physics D: Applied Physics</i> , 2000, 33, 1239-1243.	2.8	17
85	Enhanced Thermoelectric Performance of Zintl Phase $\text{Ca}_9\text{Zn}_4\text{Sb}_9$ by Beneficial Disorder on the Selective Cationic Site. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 37741-37747.	8.0	17
86	The dependence of particle permittivity on the shear stress of electrorheological fluids. <i>Applied Physics Letters</i> , 1998, 72, 653-655.	3.3	16
87	Ab Initio Structure Determination of New Compound LiAlB_2O_5 . <i>Journal of Solid State Chemistry</i> , 2001, 156, 181-184.	2.9	15
88	Safe and flexible chitosan-based polymer gel as an electrolyte for use in zinc-based alkaline based chemistries. <i>Journal of Applied Polymer Science</i> , 2021, 138, 50813.	2.6	15
89	Rechargeable Zinc-Electrolytic Manganese Dioxide (EMD) Battery with a Flexible Chitosan-Alkaline Electrolyte. <i>ACS Applied Energy Materials</i> , 2021, 4, 4248-4258.	5.1	15
90	MORPHOLOGICAL STABILITY OF A NANOWIRE DURING GROWTH PROCESS. <i>Modern Physics Letters B</i> , 2001, 15, 27-31.	1.9	14

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91	Experimental investigation of the frequency dependence of the electrorheological effect. <i>Physical Review E</i> , 2004, 70, 021507.	2.1	14
92	Assembly of multi-functional nanocomponents on periodic nanotube array for biosensors. <i>Micro and Nano Letters</i> , 2009, 4, 27-33.	1.3	14
93	A new method for synthesis of amorphous carbon nitride powders. <i>Applied Physics A: Materials Science and Processing</i> , 2000, 71, 465-467.	2.3	13
94	Interactions between a rotating polarized sphere and a stationary one in an electric field. <i>Physical Review E</i> , 2005, 72, 041508.	2.1	13
95	Determination of Thermal History by Photoluminescence of Core-Shell Quantum Dots Going Through Heating Events. <i>Particle and Particle Systems Characterization</i> , 2015, 32, 65-71.	2.3	13
96	Structure and superconducting properties of chemically oxidized $\text{La}_2\text{CuO}_{4+y}$ under hydrothermal conditions. <i>Physica C: Superconductivity and Its Applications</i> , 2000, 336, 151-156.	1.2	12
97	Synthesis, Raman scattering, and infrared spectra of a new condensed form of GaN nanophase material. <i>Journal of Materials Research</i> , 2000, 15, 267-269.	2.6	12
98	Orientation of particles in an electrorheological fluid under an electric field. <i>Physical Review E</i> , 1999, 60, 4336-4339.	2.1	11
99	Synthesis and Raman characteristics of hexagonal $\text{Al}_x\text{Ga}_{1-x}\text{N}$ alloy nanocrystalline solids through ammonothermal routes. <i>Applied Physics A: Materials Science and Processing</i> , 2001, 72, 125-127.	2.3	11
100	Wood cellulose-based thin gel electrolyte with enhanced ionic conductivity. <i>MRS Communications</i> , 2019, 9, 1015-1021.	1.8	11
101	Magnetic motion of superparamagnetic iron oxide nanoparticles- loaded dental adhesives: physicochemical/biological properties, and dentin bonding performance studied through the tooth pulpal pressure model. <i>Acta Biomaterialia</i> , 2021, 134, 337-347.	8.3	11
102	Structural transformations of Bi_2CuO_4 induced by mechanical deformation. <i>Journal of Applied Physics</i> , 1999, 85, 3155-3158.	2.5	10
103	Individually grown cobalt nanowires as magnetic force microscopy probes. <i>Applied Physics Letters</i> , 2018, 112, 092401.	3.3	10
104	The effects of composition, synthesis conditions, oxygen content and F doping on superconductivity and structure for R-substituted Bi-2201 . <i>Superconductor Science and Technology</i> , 1996, 9, 297-302.	3.5	9
105	Synthesis and photoluminescence characteristics of AlN nanocrystalline solids. <i>Applied Physics A: Materials Science and Processing</i> , 2000, 71, 351-352.	2.3	9
106	Photoluminescence spectrum of straight GaN nanowires. <i>Journal of Materials Science Letters</i> , 2001, 20, 757-758.	0.5	9
107	Superconductivity at 45 K in $\text{La}_2\text{CuO}_{4+\delta}$ oxidized by NaClO . <i>Applied Physics A: Materials Science and Processing</i> , 2002, 74, 79-82.	2.3	9
108	Anisotropic vapor phase growth of Ga_2O_3 crystalline nanobelts. <i>Journal of Crystal Growth</i> , 2006, 290, 585-591.	1.5	9

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109	Gallium nitride porous microtubules self-assembled from wurtzite nanorods. Journal of Crystal Growth, 2015, 415, 139-145.	1.5	8
110	New 1212 type (Pb, Cd) based cuprate superconducting system (Pb _{0.5} Cd _{0.5})Sr ₂ (Tb ^{1-x} Cax)Cu ₂ O ₇ . Physica C: Superconductivity and Its Applications, 1995, 251, 110-114.	1.2	7
111	RED EMISSION FROM GaN NANOCRYSTALLINE SOLIDS. Modern Physics Letters B, 2000, 14, 583-588.	1.9	7
112	STRUCTURE-ENHANCED YIELD SHEAR STRESS IN ELECTORRHEOLOGICAL FLUIDS. International Journal of Modern Physics B, 2002, 16, 2622-2628.	2.0	7
113	Na ₂ SO ₄ Monocrystal Nanowires Aspect Ratio Control and Electron Beam Radiolysis. Inorganic Chemistry, 2010, 49, 6748-6754.	4.0	7
114	Substitution of Antimony by Tin and Tellurium in n-Type Skutterudites CoSb _{2.8} Sn _x Te _{0.2} . Jom, 2014, 66, 2282-2287.	1.9	7
115	Free-Standing Self-Assemblies of Gallium Nitride Nanoparticles: A Review. Micromachines, 2016, 7, 121.	2.9	7
116	Boron carbide amorphous solid with tunable band gap. Journal of Alloys and Compounds, 2021, 861, 157951.	5.5	7
117	Fabrication of nano-sized AlGaIn alloy by dry milling and thermal annealing. Journal of Alloys and Compounds, 2000, 309, L13-L15.	5.5	6
118	Growth Mechanism and Elemental Distribution of Ga ₂ O ₃ Crystalline Nanowires Synthesized by Cobalt-Assisted Chemical Vapor Deposition. Journal of Nanoscience and Nanotechnology, 2012, 12, 3101-3107.	0.9	6
119	Hydrothermal oxidation: a new chemical oxidation method to dope oxygen in La ₂ CuO ₄ . Superconductor Science and Technology, 2000, 13, 1415-1418.	3.5	5
120	Enhancement of Thermoelectric Figure-of-Merit by a Nanostructure Approach. Materials Research Society Symposia Proceedings, 2009, 1166, 3.	0.1	5
121	Thermoelectric Nanocomposites for Thermal Energy Conversion. Nanoscience and Technology, 2016, , 371-443.	1.5	5
122	Structure of Bi ₂ Nd ₄ O ₉ Monoclinic Phase. Journal of Solid State Chemistry, 2000, 153, 30-33.	2.9	4
123	Synthesis, thermal and magnetic properties of new metal iodate: (LiFe _{1/3})(IO ₃) ₂ . Journal of Crystal Growth, 2002, 240, 526-530.	1.5	4
124	Grids for Applications in High-Temperature High-Resolution Transmission Electron Microscopy. Journal of Nanotechnology, 2010, 2010, 1-6.	3.4	4
125	Structural and optical properties of Ba(Co ^{1-x} Zn ^x)SiO ₄ (<i>x</i>) Tj ETQq _{0.2} 1.0.7843 ₄ 14 rgBT	0.2	4
126	Formation of the (Pb, Cd)-1212 phase in the (Pb _{0.5} Cd _{0.5})Sr ₂ RCu ₂ O ₇ system. Journal of Alloys and Compounds, 1995, 228, 45-48.	5.5	3

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127	Morphology of GaN in ammonia. Journal of Materials Science Letters, 2000, 19, 2215-2217.	0.5	3
128	Dependence of the shear stress on particle properties in electrorheological fluids. International Journal of Modern Physics B, 2001, 15, 938-946.	2.0	3
129	The Electrostatic Interaction between Coated Particles in Electrorheological Fluids. International Journal of Modern Physics B, 2001, 15, 788-794.	2.0	3
130	Electric-Field Induced Formation of Superconducting Granular Balls. International Journal of Modern Physics B, 2002, 16, 2529-2535.	2.0	3
131	Single crystal growth of gallium nitride in supercritical ammonia. Physica Status Solidi C: Current Topics in Solid State Physics, 2005, 2, 2066-2069.	0.8	3
132	Tl Content and Transition Temperature in Tlâ€²223 Superconductors. Physica Status Solidi (B): Basic Research, 1993, 178, K91.	1.5	2
133	The critical current irreversibility and modification of Bi(2223)/Ag tapes at high fields. Physica C: Superconductivity and Its Applications, 1994, 235-240, 3025-3026.	1.2	2
134	An empirical rule of critical temperature in cuprate superconductors. Solid State Communications, 1995, 96, 401-403.	1.9	2
135	The Interaction between Two Spheres in Silicone Oil under an Electric Field. International Journal of Modern Physics B, 1999, 13, 1767-1774.	2.0	2
136	STRUCTURAL AND SUPERCONDUCTING PROPERTIES OF La ₂ CuO ₄ + $\hat{\nu}$ OXIDIZED BY KMnO ₄ UNDER HYDROTHERMAL CONDITIONS. Modern Physics Letters B, 2001, 15, 1171-1179.	1.9	2
137	Physics of Direct Current Plasma-Enhanced Chemical Vapor Deposition. Nanoscience and Technology, 2012, , 93-109.	1.5	2
138	Introduction to Carbon. Nanoscience and Technology, 2012, , 1-5.	1.5	2
139	Nanoporous gallium nitride square microtubes. Journal of Materials Science, 2013, 48, 7703-7707.	3.7	2
140	EELS Investigations of Carbon-rich Boron Carbide Nanomaterials. Microscopy and Microanalysis, 2018, 24, 1756-1757.	0.4	2
141	Contact for Bi ₂ Te ₃ -Based Thermoelectric Leg. , 2017, , 605-624.		2
142	X-ray powder diffraction data and Rietveld refinement for a new iodate: (LiFe _{1/3})(IO ₃) ₂ . Powder Diffraction, 2002, 17, 132-134.	0.2	1
143	Paramagnetic microspheres with coreâ€“shell-ed structures. Journal of Materials Science, 2012, 47, 5946-5954.	3.7	1
144	Technologies to Achieve Carbon Nanotube Alignment. Nanoscience and Technology, 2012, , 111-156.	1.5	1

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145	Internal Temperature Calibration at Nanoscale on in situ Heating High Resolution Transmission Electron Microscopy. <i>Microscopy and Microanalysis</i> , 2013, 19, 498-499.	0.4	1
146	Chemical Reduction of Nd _{1.85} Ce _{0.15} CuO ₄ Powders in Supercritical Sodium Ammonia Solutions. <i>Advances in Condensed Matter Physics</i> , 2015, 2015, 1-5.	1.1	1
147	Structural and optical properties of Ba ₃ (Nb _{6-x} Tax)Si ₄ O ₂₆ (x = 0.6, 1.8, 3.0, 4.2, 5.4). <i>Powder Diffraction</i> , 2019, 34, 331-338.	0.2	1
148	Nanostructuring enforced sandwich-tubular CNT-Cu interconnects. <i>Composite Structures</i> , 2021, 278, 114705.	5.8	1
149	Lead Chalcogenide Thermoelectric Materials. , 2019, , 83-104.		1
150	Powder X-ray structural analysis and bandgap measurements for (Ca _x Sr _{2-x})MnWO ₆ (x = 0.25, 0.5, 0.75, 1.5, 1.75). <i>Powder Diffraction</i> , 2022, 37, 122-132.	0.2	1
151	XPS Study on Tl _{1.8} YBa ₂ Ca _{2.2} Cu ₃ O ₁₀ Superconductors with T _c < 125 K. <i>Physica Status Solidi (B): Basic Research</i> , 1994, 186, K13.	1.5	0
152	A study on the effects of Tl ₂ O ₃ vapour for obtaining Tl-2223 superconductors with T _c (R=0) > 125 K. <i>Physica C: Superconductivity and Its Applications</i> , 1994, 224, 196-198.	1.2	0
153	INTERACTIONS BETWEEN TWO ROTATING POLARIZED SPHERES. <i>International Journal of Modern Physics B</i> , 2005, 19, 1215-1221.	2.0	0
154	Chemical Vapor Deposition of Carbon Nanotubes. <i>Nanoscience and Technology</i> , 2012, , 67-91.	1.5	0
155	Measurement Techniques of Aligned Carbon Nanotubes. <i>Nanoscience and Technology</i> , 2012, , 157-182.	1.5	0
156	Properties and Applications of Aligned Carbon Nanotube Arrays. <i>Nanoscience and Technology</i> , 2012, , 183-253.	1.5	0
157	Growth Techniques of Carbon Nanotubes. <i>Nanoscience and Technology</i> , 2012, , 45-66.	1.5	0
158	Potential Applications of Carbon Nanotube Arrays. <i>Nanoscience and Technology</i> , 2012, , 255-290.	1.5	0
159	CBED Investigations of Boron Monoarsenide Crystals. <i>Microscopy and Microanalysis</i> , 2018, 24, 30-31.	0.4	0
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