

Yang Jiang

List of Publications by Year in descending order

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136
papers

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66343

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docs citations

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times ranked

7650
citing authors

#	ARTICLE	IF	CITATIONS
1	Independent dispersed and highly water-oxygen environment stable FAPbBr ₃ QDs-polymer composite for down-conversion display films. <i>Chemical Engineering Journal</i> , 2022, 428, 130974.	12.7	8
2	Fabricating Na/In/C Composite Anode with Natrophilic Na-In Alloy Enables Superior Na Ion Deposition in the EC/PC Electrolyte. <i>Nano-Micro Letters</i> , 2022, 14, 23.	27.0	11
3	Highly crystallized glass-ceramics from high content gold tailings via a one-step direct cooling method. <i>RSC Advances</i> , 2022, 12, 14175-14182.	3.6	1
4	Copper fiber reinforced needle-coke/carbon composite for pantograph slide and its current-carrying wear performance. <i>Materials Research Express</i> , 2022, 9, 055605.	1.6	1
5	Microstructure and Current Carrying Wear Behaviors of Copper/Sintered Carbon Composites for Pantograph Sliders. <i>Metals and Materials International</i> , 2021, 27, 3398-3408.	3.4	19
6	Co-Vacancy, Co _{1-x} S@C flower-like nanosheets derived from MOFs for high current density cycle performance and stable sodium-ion storage. <i>New Journal of Chemistry</i> , 2021, 45, 6865-6871.	2.8	7
7	Dimensional Gradient Structure of CoSe ₂ @CNTs-MXene Anode Assisted by Ether for High-Capacity, Stable Sodium Storage. <i>Nano-Micro Letters</i> , 2021, 13, 40.	27.0	54
8	3D Ag@C Cloth for Stable Anode Free Sodium Metal Batteries. <i>Small Methods</i> , 2021, 5, e2001050.	8.6	51
9	A Ni-doping-induced phase transition and electron evolution in cobalt hexacyanoferrate as a stable cathode for sodium-ion batteries. <i>Physical Chemistry Chemical Physics</i> , 2021, 23, 2491-2499.	2.8	12
10	Direct deposition of Sn-doped CsPbBr ₃ perovskite for efficient solar cell application. <i>RSC Advances</i> , 2021, 11, 3380-3389.	3.6	16
11	Highly efficient and blue-emitting CsPbBr ₃ quantum dots synthesized by two-step supersaturated recrystallization. <i>Nanotechnology</i> , 2021, 32, 145712.	2.6	9
12	Fabrication of a Sandwiched Core Carbon Sphere@Na ₃ V ₂ (PO ₄) ₂ O ₂ F@N-Doped Carbon Cathode for Superior Sodium-Ion Batteries. <i>ACS Applied Energy Materials</i> , 2021, 4, 3952-3961.	5.1	18
13	Interface Engineering of a Sandwich Flexible Electrode PAn@CoHCF Rooted in Carbon Cloth for Enhanced Sodium-Ion Storage. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 23794-23802.	8.0	6
14	Narrow-Bandgap Semiconductors of Perovskite Rare-Earth Orthoferrites (REFeO ₃). <i>Current Chinese Science</i> , 2021, 1, 438-452.	0.5	0
15	Suppressing ion migration of CsPbBr _x I _{3-x} nanocrystals by Nickel doping and the application in high-efficiency WLEDs. <i>Nanotechnology</i> , 2021, 32, 335601.	2.6	7
16	Full density graphite/copper-alloy matrix composite fabricated via hot powder forging for pantograph slide. <i>Materials Research Express</i> , 2021, 8, 066504.	1.6	3
17	Near-Infrared Photoactive Semiconductor Quantum Dots for Solar Cells. <i>Advanced Energy Materials</i> , 2021, 11, 2101923.	19.5	20
18	Electron oriented injection TiSe ₂ -C laminated heterojunctions derived from terminal functionalized MXene for high-rate sodium ion storage. <i>Journal of Materials Chemistry A</i> , 2021, 9, 27684-27691.	10.3	11

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19	Ultrafast kinetics net electrode assembled via MoSe ₂ /MXene heterojunction for high-performance sodium-ion batteries. <i>Chemical Engineering Journal</i> , 2020, 385, 123839.	12.7	141
20	Porous BN Nanofibers Enable Long-Cycling Life Sodium Metal Batteries. <i>Small</i> , 2020, 16, e2002671.	10.0	11
21	Synthesis of NbSe ₂ single-crystalline nanosheet arrays for UV photodetectors. <i>CrystEngComm</i> , 2020, 22, 5710-5715.	2.6	13
22	Inverse Fabrication of Li ₂ S@Nanocrystals@Doped Carbon Loaded on Woven Carbon Fibers to Spatial Structure Cathodes for High-Stable Lithium-Sulfur Batteries. <i>Small Methods</i> , 2020, 4, 2000463.	8.6	14
23	Enhancing the properties of perovskite quantum dot light emitting devices through grid structures formed by trioctylphosphine oxide. <i>Journal of Materials Chemistry C</i> , 2020, 8, 9861-9866.	5.5	4
24	Carbon electrode engineering for high efficiency all-inorganic perovskite solar cells. <i>RSC Advances</i> , 2020, 10, 12298-12303.	3.6	44
25	Hybrid perovskite exchange of PbS quantum dots for fast and high-detectivity visible-near-infrared photodetectors. <i>Journal of Materials Chemistry C</i> , 2020, 8, 7812-7819.	5.5	12
26	Lead-Free Perovskite Narrow-Bandgap Oxide Semiconductors of Rare-Earth Manganates. <i>ACS Omega</i> , 2020, 5, 8766-8776.	3.5	31
27	Effect of flake graphite content on wear behavior between P/M copper-based pantograph slide and contact wire. <i>Materials Research Express</i> , 2020, 7, 076510.	1.6	6
28	Synthesis of Eco-Friendly High PL Lifespan Manganese-Doped CuInZnS/ZnS QDs for White LED Applications. <i>Journal of Nanoscience and Nanotechnology</i> , 2020, 20, 6286-6294.	0.9	0
29	N-doped Fe ₃ C@C as an efficient polyselenide reservoir for high-performance sodium-selenium batteries. <i>Energy Storage Materials</i> , 2019, 16, 374-382.	18.0	41
30	Graphitic C ₃ N ₄ quantum dots for next-generation QLED displays. <i>Materials Today</i> , 2019, 22, 76-84.	14.2	85
31	Phase transition induced recrystallization and low surface potential barrier leading to 10.91%-efficient CsPbBr ₃ perovskite solar cells. <i>Nano Energy</i> , 2019, 65, 104015.	16.0	170
32	Accelerating hole extraction by inserting 2D Ti ₃ C ₂ -MXene interlayer to all inorganic perovskite solar cells with long-term stability. <i>Journal of Materials Chemistry A</i> , 2019, 7, 20597-20603.	10.3	130
33	Nitrogen-rich hierarchical porous carbon materials with interconnected channels for high stability supercapacitors. <i>New Journal of Chemistry</i> , 2019, 43, 1864-1873.	2.8	6
34	Electrochemically Stable Sodium Metal-Tellurium/Carbon Nanorods Batteries. <i>Advanced Energy Materials</i> , 2019, 9, 1903046.	19.5	33
35	Lithium Compounds: Reduced Local Symmetry in Lithium Compound Li ₂ SrSiO ₄ Distinguished by an Eu ³⁺ Spectroscopy Probe (<i>Adv. Sci.</i> 16/2019). <i>Advanced Science</i> , 2019, 6, 1970096.	11.2	0
36	Pulsed laser assisted synthesis of gadolinium carbide/carbon shell dots with enhanced magnetic resonance properties. <i>Nanotechnology</i> , 2019, 30, 105705.	2.6	2

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37	Ion- and air-tailored micro-honeycomb structures for superior Na-ion storage in coir-derived hard carbon. <i>New Journal of Chemistry</i> , 2019, 43, 10449-10457.	2.8	8
38	High Efficient Hole Extraction and Stable All-Phase Gradient Bandgap Architecture. <i>Solar Rrl</i> , 2019, 3, 1900030.	5.8	67
39	Full visible waveband tunable formamidinium halides hybrid perovskite QDs via anion-exchange route and their high luminous efficiency LEDs. <i>Journal of Alloys and Compounds</i> , 2019, 791, 814-821.	5.5	15
40	Perovskite Light-Emitting Diodes: Efficient CsPbBr ₃ Perovskite Light-Emitting Diodes Enabled by Synergetic Morphology Control (<i>Advanced Optical Materials</i> 4/2019). <i>Advanced Optical Materials</i> , 2019, 7, 1970014.	7.3	3
41	Batteries: Electrochemically Stable Sodium Metal-Tellurium/Carbon Nanorods Batteries (<i>Adv. Energy</i>) Tj ETQq1 1 0,784314,ggBT /Over	19.5	3
42	Highly bright and low turn-on voltage CsPbBr ₃ quantum dot LEDs via conjugation molecular ligand exchange. <i>Nano Research</i> , 2019, 12, 109-114.	10.4	48
43	Efficient CsPbBr ₃ Perovskite Light-Emitting Diodes Enabled by Synergetic Morphology Control. <i>Advanced Optical Materials</i> , 2019, 7, 1801534.	7.3	117
44	Size-Dependent Plasmonic Mode Evolution and SERS Performance of Î ² -Sn Nanoparticles. <i>Journal of Physical Chemistry C</i> , 2019, 123, 735-738.	3.1	5
45	Graphite cluster/copper-based powder metallurgy composite for pantograph slider with well-behaved mechanical and wear performance. <i>Powder Technology</i> , 2019, 344, 551-560.	4.2	33
46	Microstructure and properties of Al-60wt.%Si composites prepared by powder semi-solid squeeze. <i>Powder Technology</i> , 2019, 343, 95-100.	4.2	13
47	A novel carbon-decorated hollow flower-like MoS ₂ nanostructure wrapped with RGO for enhanced sodium-ion storage. <i>Chemical Engineering Journal</i> , 2018, 343, 180-188.	12.7	44
48	Mixed cation perovskite solar cells by stack-sequence chemical vapor deposition with self-passivation and gradient absorption layer. <i>Nano Energy</i> , 2018, 48, 536-542.	16.0	70
49	N-doped carbon dots from phenol derivatives for excellent colour rendering WLEDs. <i>RSC Advances</i> , 2018, 8, 4850-4856.	3.6	28
50	Dual-Phase CsPbBr ₃ -CsPb ₂ Br ₅ Perovskite Thin Films via Vapor Deposition for High-Performance Rigid and Flexible Photodetectors. <i>Small</i> , 2018, 14, 1702523.	10.0	139
51	Enhancing Hybrid Perovskite Detectability in the Deep Ultraviolet Region with Down-Conversion Dual-Phase (CsPbBr ₃ -Cs ₄ PbBr ₆) Films. <i>Journal of Physical Chemistry Letters</i> , 2018, 9, 1592-1599.	4.6	82
52	Mechanical and wear performances of aluminum/sintered-carbon composites produced by pressure infiltration for pantograph sliders. <i>Powder Technology</i> , 2018, 326, 54-61.	4.2	30
53	Long Cycle Life, Low Self-Discharge Sodium-Selenium Batteries with High Selenium Loading and Suppressed Polyselenide Shuttling. <i>Advanced Energy Materials</i> , 2018, 8, 1701953.	19.5	84
54	Three-dimensional architecture hybrid perovskite solar cells using CdS nanorod arrays as an electron transport layer. <i>Nanotechnology</i> , 2018, 29, 025401.	2.6	18

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55	Dataset of emission and excitation spectra, UV-vis absorption spectra, and XPS spectra of graphitic C ₃ N ₄ . Data in Brief, 2018, 21, 501-510.	1.0	10
56	All-Inorganic Perovskite Nanocrystals with a Stellar Set of Stabilities and Their Use in White Light-Emitting Diodes. ACS Applied Materials & Interfaces, 2018, 10, 37267-37276.	8.0	82
57	Reduced Graphene Oxide-Anchored Manganese Hexacyanoferrate with Low Interstitial H ₂ O for Superior Sodium-Ion Batteries. ACS Applied Materials & Interfaces, 2018, 10, 34222-34229.	8.0	53
58	Large-Area Lasing and Multicolor Perovskite Quantum Dot Patterns. Advanced Optical Materials, 2018, 6, 1800474.	7.3	95
59	Interface engineering using a perovskite derivative phase for efficient and stable CsPbBr ₃ solar cells. Journal of Materials Chemistry A, 2018, 6, 14255-14261.	10.3	117
60	Fine-tuning the crystal structure of CdSe quantum dots by varying the dynamic characteristics of primary alkylamine ligands. CrystEngComm, 2018, 20, 4492-4498.	2.6	13
61	Surface Ligand Engineering for Near-Unity Quantum Yield Inorganic Halide Perovskite QDs and High-Performance QLEDs. Chemistry of Materials, 2018, 30, 6099-6107.	6.7	217
62	A Phosphine-Free Route to Size-Adjustable CdSe and CdSe/CdS Core-Shell Quantum Dots for White-Light-Emitting Diodes. Journal of Nanoscience and Nanotechnology, 2018, 18, 1864-1869.	0.9	2
63	A Na-Rich Nanocomposite of Na _{1.83} Ni _{0.12} Mn _{0.88} Fe(CN) ₆ /RGO as Cathode for Superior Performance Sodium-Ion Batteries. Nano, 2018, 13, 1850064.	1.0	5
64	Crystallographic-plane tuned Prussian-blue wrapped with RGO: a high-capacity, long-life cathode for sodium-ion batteries. Journal of Materials Chemistry A, 2017, 5, 3569-3577.	10.3	75
65	Converting electrical conductivity types in surface atomic-ligand exchanged PbS quantum dots via gate voltage tuning. Journal of Alloys and Compounds, 2017, 699, 866-873.	5.5	2
66	Scale Synthesis of Environment Friendly CIZS/ZnS Core/Shell Quantum Dots for High Color Quality White LEDs. Nano, 2017, 12, 1750014.	1.0	1
67	High luminescent aqueous CdZnTe QDs incorporated in CaCO ₃ for excellent color-rendering WLEDs. Journal of Alloys and Compounds, 2017, 712, 543-548.	5.5	11
68	Carbon-wrapped four-component Na-Ni-Ti-Co oxides via sol-gel process for NIB anode material with superior cycling stability. Journal of Applied Electrochemistry, 2017, 47, 855-864.	2.9	3
69	Cadmium-doped flexible perovskite solar cells with a low-cost and low-temperature-processed CdS electron transport layer. RSC Advances, 2017, 7, 19457-19463.	3.6	48
70	Rapid, stable and self-powered perovskite detectors via a fast chemical vapor deposition process. RSC Advances, 2017, 7, 18224-18230.	3.6	57
71	Solution assembly MoS ₂ nanopetals/GaAs n homotype heterojunction with ultrafast and low noise photoresponse using graphene as carrier collector. Journal of Materials Chemistry C, 2017, 5, 140-148.	5.5	36
72	High performance visible-near-infrared PbS-quantum-dots/indium Schottky diodes for photodetectors. Nanotechnology, 2017, 28, 055202.	2.6	12

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73	Full-spectra hyperfluorescence cesium lead halide perovskite nanocrystals obtained by efficient halogen anion exchange using zinc halogenide salts. <i>CrystEngComm</i> , 2017, 19, 1165-1171.	2.6	42
74	Cu ₂ ZnSnS ₄ and Cu ₂ ZnSn(S _{1-x} Se _x) ₄ nanocrystals: room-temperature synthesis and efficient photoelectrochemical water splitting. <i>Journal of Materials Chemistry A</i> , 2017, 5, 25230-25236.	10.3	24
75	Surface-activation modified perovskite crystallization for improving photovoltaic performance. <i>Materials Today Energy</i> , 2017, 5, 173-180.	4.7	31
76	Hybrid Colloidal Stabilization Mechanism toward Improved Photoluminescence and Stability of CdSe/CdS Core/Shell Quantum Dots. <i>Langmuir</i> , 2017, 33, 7124-7129.	3.5	9
77	Hybrid Perovskite Photoconductivity Visible Region Detector with High Speed and Stability. <i>Nano</i> , 2017, 12, 1750150.	1.0	6
78	PVP-modulated synthesis of NaV ₆ O ₁₅ nanorods as cathode materials for high-capacity sodium-ion batteries. <i>Journal of Materials Science</i> , 2016, 51, 8986-8994.	3.7	17
79	Understanding the Local and Electronic Structures toward Enhanced Thermal Stable Luminescence of CaAlSiN ₃ :Eu ²⁺ . <i>Chemistry of Materials</i> , 2016, 28, 5505-5515.	6.7	57
80	In Situ Fabrication of Vertical Multilayered MoS ₂ /Si Homotype Heterojunction for High-Speed Visible-Near-Infrared Photodetectors. <i>Small</i> , 2016, 12, 1062-1071.	10.0	185
81	Design and construction of ultra-thin MoSe ₂ nanosheet-based heterojunction for high-speed and low-noise photodetection. <i>Nano Research</i> , 2016, 9, 2641-2651.	10.4	43
82	Direct photodissociation of toluene molecules to photoluminescent carbon dots under pulsed laser irradiation. <i>Carbon</i> , 2016, 105, 416-423.	10.3	25
83	Shape and phase evolution from CsPbBr ₃ perovskite nanocubes to tetragonal CsPb ₂ Br ₅ nanosheets with an indirect bandgap. <i>Chemical Communications</i> , 2016, 52, 11296-11299.	4.1	210
84	Solvent-Polarity-Engineered Controllable Synthesis of Highly Fluorescent Cesium Lead Halide Perovskite Quantum Dots and Their Use in White Light-Emitting Diodes. <i>Advanced Functional Materials</i> , 2016, 26, 8478-8486.	14.9	129
85	Ammonium hydroxide modulated synthesis of high-quality fluorescent carbon dots for white LEDs with excellent color rendering properties. <i>Nanotechnology</i> , 2016, 27, 295202.	2.6	18
86	High Quality MoSe ₂ Nanospheres with Superior Electrochemical Properties for Sodium Batteries. <i>Journal of the Electrochemical Society</i> , 2016, 163, A1627-A1632.	2.9	49
87	Photodetectors: Fabrication of Ultrathin Bi ₂ S ₃ Nanosheets for High-Performance, Flexible, Visible-NIR Photodetectors (<i>Small</i> 24/2015). <i>Small</i> , 2015, 11, 2847-2847.	10.0	2
88	Ultrasensitive PbS Quantum Dot Photodetectors for Visible-Near-Infrared Light Through Surface Atomic Ligand Exchange. <i>Particle and Particle Systems Characterization</i> , 2015, 32, 1102-1109.	2.3	16
89	Self-Combustion Synthesis and Ion Diffusion Performance of NaV ₆ O ₁₅ Nanoplates as Cathode Materials for Sodium-Ion Batteries. <i>Journal of the Electrochemical Society</i> , 2015, 162, A697-A703.	2.9	25
90	Preparation of highly luminescent BaSO ₄ protected CdTe quantum dots as conversion materials for excellent color-rendering white LEDs. <i>Journal of Materials Chemistry C</i> , 2015, 3, 2831-2836.	5.5	36

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91	Self-combustion synthesis of Na ₃ V ₂ (PO ₄) ₃ nanoparticles coated with carbon shell as cathode materials for sodium-ion batteries. <i>Electrochimica Acta</i> , 2015, 155, 23-28.	5.2	84
92	Fabrication of Ultrathin Bi ₂ S ₃ Nanosheets for High-Performance, Flexible, Visible-NIR Photodetectors. <i>Small</i> , 2015, 11, 2848-2855.	10.0	205
93	Sodium storage and transport properties in pyrolysis synthesized MoSe ₂ nanoplates for high performance sodium-ion batteries. <i>Journal of Power Sources</i> , 2015, 283, 187-194.	7.8	159
94	A water-ethanol phase assisted co-precipitation approach toward high quality quantum dot-inorganic salt composites and their application for WLEDs. <i>Green Chemistry</i> , 2015, 17, 4439-4445.	9.0	31
95	Self-doped 3-hexylthiophene-b-sodium styrene sulfonate block copolymer: synthesis and its organization with CdSe quantum dots. <i>RSC Advances</i> , 2015, 5, 17905-17914.	3.6	4
96	Inverted quantum-dot solar cells with depleted heterojunction structure employing CdS as the electron acceptor. <i>Solar Energy Materials and Solar Cells</i> , 2015, 137, 287-292.	6.2	17
97	Phase Transition Mechanism and Electrochemical Properties of Nanocrystalline MoSe ₂ as Anode Materials for the High Performance Lithium-Ion Battery. <i>Journal of Physical Chemistry C</i> , 2015, 119, 10197-10205.	3.1	122
98	Charge deformation and orbital hybridization: intrinsic mechanisms on tunable chromaticity of Y ₃ Al ₅ O ₁₂ :Ce ³⁺ luminescence by doping Gd ³⁺ for warm white LEDs. <i>Scientific Reports</i> , 2015, 5, 11514.	3.3	102
99	PbS Quantum-Dot Depleted Heterojunction Solar Cells Employing CdS Nanorod Arrays as the Electron Acceptor with Enhanced Efficiency. <i>ACS Applied Materials & Interfaces</i> , 2015, 7, 23117-23123.	8.0	20
100	Luminescent properties of La ₂ LiTaO ₆ :Mn ⁴⁺ and its application as red emission LEDs phosphor. <i>Applied Physics A: Materials Science and Processing</i> , 2014, 117, 1777-1783.	2.3	45
101	Poly(3,4-ethylenedioxythiophene)/MoS ₂ nanocomposites with enhanced electrochemical capacitance performance. <i>RSC Advances</i> , 2014, 4, 56926-56932.	3.6	52
102	Formation of the amorphous phase in the carbothermal reduction and nitridation route to SrSi ₂ O ₂ N ₂ :Eu ²⁺ : a new understanding of the catalytic effect of carbon in the synthesis of SrSi ₂ Si ₅ N ₈ :Eu ²⁺ for white LEDs. <i>RSC Advances</i> , 2014, 4, 44317-44321.	3.6	11
103	Ultralow-voltage and high gain photoconductor based on ZnS:Ga nanoribbons for the detection of low-intensity ultraviolet light. <i>Journal of Materials Chemistry C</i> , 2014, 2, 3583.	5.5	19
104	Construction of crossed heterojunctions from p-ZnTe and n-CdSe nanoribbons and their photoresponse properties. <i>Journal of Materials Chemistry C</i> , 2014, 2, 6547.	5.5	16
105	Shape control of Ag nanostructures via a postsynthetic annealing treatment. <i>CrystEngComm</i> , 2014, 16, 7885.	2.6	1
106	High-performance photodetectors and enhanced field-emission of CdS nanowire arrays on CdSe single-crystalline sheets. <i>Journal of Materials Chemistry C</i> , 2014, 2, 8252-8258.	5.5	28
107	Glucose-assisted synthesis of Na ₃ V ₂ (PO ₄) ₃ /C composite as an electrode material for high-performance sodium-ion batteries. <i>Journal of Power Sources</i> , 2014, 265, 325-334.	7.8	157
108	Interfacially Engineered High-Speed Nonvolatile Memories Employing p-Type Nanoribbons. <i>Advanced Materials Interfaces</i> , 2014, 1, 1400130.	3.7	3

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109	Ultralow Contact Resistivity of Cu/Au With p -Type ZnS Nanoribbons for Nanoelectronic Applications. IEEE Electron Device Letters, 2013, 34, 810-812.	3.9	8
110	Deep red phosphors $\text{SrAl}_{12}\text{O}_{19}:\text{Mn}^{4+}$, $\text{M}(\text{Li}^{+})$ Tj ETQq0 0 0 rgBT /Over Status Solidi (A) Applications and Materials Science, 2013, 210, 1433-1437.	1.8	59
111	A NEW RED PHOSPHOR OF THE Mn ACTIVATED NON-STOICHIOMETRIC STRONTIUM ALUMINATE $3\text{SrO}\cdot 5\text{Al}_2\text{O}_3$ FOR HIGH COLOR RENDERING WHITE LEDs. Functional Materials Letters, 2013, 06, 1350028.	1.2	1
112	High-speed ultraviolet-visible-near infrared photodiodes based on p -ZnS nanoribbon/ n -silicon heterojunction. CrystEngComm, 2013, 15, 1635.	2.6	27
113	Large conductance switching nonvolatile memories based on p -ZnS nanoribbon/ n -Si heterojunction. Journal of Materials Chemistry C, 2013, 1, 1238-1244.	5.5	10
114	High quantum-yield $\text{CdSe}_x\text{S}_{1-x}/\text{ZnS}$ core/shell quantum dots for warm white light-emitting diodes with good color rendering. Nanotechnology, 2013, 24, 285201.	2.6	42
115	The red luminescence of $\text{Sr}_4\text{Al}_{14}\text{O}_{25}:\text{Mn}^{4+}$ enhanced by coupling with the SrAl_2O_4 phase in the $3\text{SrO}\cdot 5\text{Al}_2\text{O}_3$ system. Physica Status Solidi (A) Applications and Materials Science, 2013, 210, 1791-1796.	1.8	16
116	Self-powered and fast-speed photodetectors based on CdS:Ga nanoribbon/Au Schottky diodes. Journal of Materials Chemistry, 2012, 22, 23272.	6.7	116
117	Device structure-dependent field-effect and photoresponse performances of p -type ZnTe:Sb nanoribbons. Journal of Materials Chemistry, 2012, 22, 6206.	6.7	96
118	One-pot synthesis of homogeneous $\text{CdSe}_x\text{S}_{1-x}$ alloyed quantum dots with tunable composition in a green N-methylmorpholine solvent. Physica Status Solidi (A) Applications and Materials Science, 2012, 209, 306-312.	1.8	15
119	Back Cover: One-pot synthesis of homogeneous $\text{CdSe}_x\text{S}_{1-x}$ alloyed quantum dots with tunable composition in a green N-methylmorpholine solvent (Phys. Status) Tj ETQq1 1 0784314rgBT /Over		
120	Improved efficiency of hybrid solar cell based on thiols-passivated CdS quantum dots and poly(3-hexylthiophene). Physica Status Solidi (A) Applications and Materials Science, 2012, 209, 1583-1587.	1.8	3
121	The temperature-sensitive luminescence of $(\text{Y,Gd})\text{VO}_4:\text{Bi}^{3+},\text{Eu}^{3+}$ and its application for stealth anti-counterfeiting. Physica Status Solidi - Rapid Research Letters, 2012, 6, 321-323.	2.4	16
122	High-gain visible-blind UV photodetectors based on chlorine-doped n -type ZnS nanoribbons with tunable optoelectronic properties. Journal of Materials Chemistry, 2011, 21, 12632.	6.7	64
123	Construction of high-quality CdS:Ga nanoribbon/silicon heterojunctions and their nano-optoelectronic applications. Nanotechnology, 2011, 22, 405201.	2.6	40
124	Magnificent CdS three-dimensional nanostructure arrays: the synthesis of a novel nanostructure family for nanotechnology. CrystEngComm, 2011, 13, 145-152.	2.6	12
125	Structure and electrical properties of p -type twin ZnTe nanowires. Applied Physics A: Materials Science and Processing, 2011, 102, 469-475.	2.3	19
126	$\text{Ca}_3\text{BiCo}_4\text{O}_9$ and $\text{Ca}_1\text{SmMnO}_3$ thermoelectric materials and their power generation devices. Physica Status Solidi (A) Applications and Materials Science, 2011, 208, 147-155.	1.8	24

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127	Synthesis and spectrum stability of high quality CdTe quantum dots capped with stearate groups in N-oleoylmorpholine solvent. <i>Journal of Crystal Growth</i> , 2010, 312, 2656-2660.	1.5	9
128	Thermoelectric properties of rapid hot pressed polycrystalline $\text{Ag}_{18}\text{Pb}_{18}\text{SbTe}_{20}$ synthesized from doping PbTe nanocrystals. <i>Physica Status Solidi (A) Applications and Materials Science</i> , 2010, 207, 163-169.	1.8	5
129	White-light-emitting CdSe quantum dots with "magic size" via one-pot synthesis approach. <i>Physica Status Solidi (A) Applications and Materials Science</i> , 2010, 207, 2472-2477.	1.8	21
130	High-performance CdS:P nanoribbon field-effect transistors constructed with high- ϵ dielectric and top-gate geometry. <i>Applied Physics Letters</i> , 2010, 96, .	3.3	41
131	Enhanced p-Type Conductivity of ZnTe Nanoribbons by Nitrogen Doping. <i>Journal of Physical Chemistry C</i> , 2010, 114, 7980-7985.	3.1	51
132	Green chemical approaches to ZnSe quantum dots: preparation, characterisation and formation mechanism. <i>Journal of Experimental Nanoscience</i> , 2010, 5, 106-117.	2.4	15
133	Photoluminescence properties of Eu^{3+} and Bi^{3+} in YBO_3 host under vacuum ultraviolet/ultraviolet excitation. <i>Journal of Applied Physics</i> , 2009, 105, 013513.	2.5	31
134	Self-ignition route to Ag-doped $\text{Na}_{1.7}\text{Co}_2\text{O}_4$ and its thermoelectric properties. <i>Journal of Alloys and Compounds</i> , 2009, 467, 444-449.	5.5	15
135	Auto-ignition route to thermoelectric oxide $\text{Na}_x\text{Co}_2\text{O}_4$ powder with high compactibility. <i>Powder Technology</i> , 2008, 184, 25-30.	4.2	10
136	Bifunctional Interface Engineering by Oxidating Layered TiSe_2 for High-Performance CsPbBr_3 Solar Cells. <i>ACS Applied Energy Materials</i> , 0, , .	5.1	2