Yang Jiang

List of Publications by Year
in descending order

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136 papers	5,411 citations	66343 42 h-index	91884 69 g-index
137 all docs	137 docs citations	137 times ranked	7650 citing authors

#	Article	IF	Citations
1	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
2	Shape and phase evolution from CsPbBr₃ perovskite nanocubes to tetragonal CsPb₂Br₅ nanosheets with an indirect bandgap. Chemical Communications, 2016, 52, 11296-11299.	4.1	210
3	Fabrication of Ultrathin Bi₂S₃ Nanosheets for Highâ€Performance, Flexible, Visibleâ€“NIR Photodetectors. Small, 2015, 11, 2848-2855.	10.0	205
4	In Situ Fabrication of Vertical Multilayered MoS₂/Si Homotype Heterojunction for High-Speed Visible-Near-Infrared Photodetectors. Small, 2016, 12, 1062-1071.	10.0	185
5	Phase transition induced recrystallization and low surface potential barrier leading to 10.91%-efficient CsPbBr3 perovskite solar cells. Nano Energy, 2019, 65, 104015.	16.0	170
6	Sodium storage and transport properties in pyrolysis synthesized MoSe 2 nanoplates for high performance sodium-ion batteries. Journal of Power Sources, 2015, 283, 187-194.	7.8	159
7	Glucose-assisted synthesis of Na3V2(PO4)3/C composite as an electrode material for high-performance sodium-ion batteries. Journal of Power Sources, 2014, 265, 325-334.	7.8	157
8	Ultrafast kinetics net electrode assembled via MoSe2/MXene heterojunction for high-performance sodium-ion batteries. Chemical Engineering Journal, 2020, 385, 123839.	12.7	141
9	Dualâ€Phase CsPbBr₃â€“CsPb₂Br₅ Perovskite Thin Films via Vapor Deposition for Highâ€Performance Rigid and Flexible Photodetectors. Small, 2018, 14, 1702523.	10.0	139
10	Accelerating hole extraction by inserting 2D Ti₃C₂-MXene interlayer to all inorganic perovskite solar cells with long-term stability. Journal of Materials Chemistry A, 2019, 7, 20597-20603.	10.3	130
11	Solventâ€Polarityâ€Engineered Controllable Synthesis of Highly Fluorescent Cesium Lead Halide Perovskite Quantum Dots and Their Use in White Lightâ€Emitting Diodes. Advanced Functional Materials, 2016, 26, 8478-8486.	14.9	129
12	Phase Transition Mechanism and Electrochemical Properties of Nanocrystalline MoSe₂ as Anode Materials for the High Performance Lithium-Ion Battery. Journal of Physical Chemistry C, 2015, 119, 10197-10205.	3.1	122
13	Interface engineering using a perovskite derivative phase for efficient and stable CsPbBr₃ solar cells. Journal of Materials Chemistry A, 2018, 6, 14255-14261.	10.3	117
14	Efficient CsPbBr₃ Perovskite Lightâ€Emitting Diodes Enabled by Synergetic Morphology Control. Advanced Optical Materials, 2019, 7, 1801534.	7.3	117
15	Self-powered and fast-speed photodetectors based on CdS:Ga nanoribbon/Au Schottky diodes. Journal of Materials Chemistry, 2012, 22, 23272.	6.7	116
16	Charge deformation and orbital hybridization: intrinsic mechanisms on tunable chromaticity of Y3Al5O12:Ce3+ luminescence by doping Gd3+ for warm white LEDs. Scientific Reports, 2015, 5, 11514.	3.3	102
17	Device structure-dependent field-effect and photoresponse performances of p-type ZnTe:Sb nanoribbons. Journal of Materials Chemistry, 2012, 22, 6206.	6.7	96
18	Largeâ€Area Lasing and Multicolor Perovskite Quantum Dot Patterns. Advanced Optical Materials, 2018, 6, 1800474.	7.3	95

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19	Graphitic C3N4 quantum dots for next-generation QLED displays. Materials Today, 2019, 22, 76-84.	14.2	85
20	Self-combustion synthesis of Na3V2(PO4)3 nanoparticles coated with carbon shell as cathode materials for sodium-ion batteries. Electrochimica Acta, 2015, 155, 23-28.	5.2	84
21	Long Cycle Life, Low Selfâ€Discharge Sodiumâ€“Selenium Batteries with High Selenium Loading and Suppressed Polyselenide Shuttling. Advanced Energy Materials, 2018, 8, 1701953.	19.5	84
22	Enhancing Hybrid Perovskite Detectability in the Deep Ultraviolet Region with Down-Conversion Dual-Phase (CsPbBr₃â€“Cs₄PbBr₆) Films. Journal of Physical Chemistry Letters, 2018, 9, 1592-1599.	4.6	82
23	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
24	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
25	Mixed cation perovskite solar cells by stack-sequence chemical vapor deposition with self-passivation and gradient absorption layer. Nano Energy, 2018, 48, 536-542.	16.0	70
26	High Efficient Hole Extraction and Stable Allâ€Bromide Inorganic Perovskite Solar Cells via Derivativeâ€Phase Gradient Bandgap Architecture. Solar Rrl, 2019, 3, 1900030.	5.8	67
27	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
28	Deep red phosphors SrAl₁₂O₁₉:Mn⁴⁺,M (Mâ€‰=â€‰Li⁺,) Tj ETQq0 0 0 rgBT /Ov Status Solidi (A) Applications and Materials Science, 2013, 210, 1433-1437.	1.8	59
29	Understanding the Local and Electronic Structures toward Enhanced Thermal Stable Luminescence of CaAlSiN₃:Eu²⁺. Chemistry of Materials, 2016, 28, 5505-5515.	6.7	57
30	Rapid, stable and self-powered perovskite detectors via a fast chemical vapor deposition process. RSC Advances, 2017, 7, 18224-18230.	3.6	57
31	Dimensional Gradient Structure of CoSe2@CNTsâ€“MXene Anode Assisted by Ether for High-Capacity, Stable Sodium Storage. Nano-Micro Letters, 2021, 13, 40.	27.0	54
32	Reduced Graphene Oxide-Anchored Manganese Hexacyanoferrate with Low Interstitial H₂O for Superior Sodium-Ion Batteries. ACS Applied Materials & Interfaces, 2018, 10, 34222-34229.	8.0	53
33	Poly(3,4-ethylenedioxythiophene)/MoS₂nanocomposites with enhanced electrochemical capacitance performance. RSC Advances, 2014, 4, 56926-56932.	3.6	52
34	Enhanced p-Type Conductivity of ZnTe Nanoribbons by Nitrogen Doping. Journal of Physical Chemistry C, 2010, 114, 7980-7985.	3.1	51
35	3D Ag@C Cloth for Stable Anode Free Sodium Metal Batteries. Small Methods, 2021, 5, e2001050.	8.6	51
36	High Quality MoSe₂Nanospheres with Superior Electrochemical Properties for Sodium Batteries. Journal of the Electrochemical Society, 2016, 163, A1627-A1632.	2.9	49

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37	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
38	Highly bright and low turn-on voltage CsPbBr3 quantum dot LEDs via conjugation molecular ligand exchange. Nano Research, 2019, 12, 109-114.	10.4	48
39	Luminescent properties of La2LiTaO6:Mn4+ and its application as red emission LEDs phosphor. Applied Physics A: Materials Science and Processing, 2014, 117, 1777-1783.	2.3	45
40	A novel carbon-decorated hollow flower-like MoS2 nanostructure wrapped with RGO for enhanced sodium-ion storage. Chemical Engineering Journal, 2018, 343, 180-188.	12.7	44
41	Carbon electrode engineering for high efficiency all-inorganic perovskite solar cells. RSC Advances, 2020, 10, 12298-12303.	3.6	44
42	Design and construction of ultra-thin MoSe2 nanosheet-based heterojunction for high-speed and low-noise photodetection. Nano Research, 2016, 9, 2641-2651.	10.4	43
43	High quantum-yield CdSe_xS_{1â^'x}/ZnS core/shell quantum dots for warm white light-emitting diodes with good color rendering. Nanotechnology, 2013, 24, 285201.	2.6	42
44	Full-spectra hyperfluorescence cesium lead halide perovskite nanocrystals obtained by efficient halogen anion exchange using zinc halogenide salts. CrystEngComm, 2017, 19, 1165-1171.	2.6	42
45	High-performance CdS:P nanoribbon field-effect transistors constructed with high-Îº dielectric and top-gate geometry. Applied Physics Letters, 2010, 96, .	3.3	41
46	N-doped Fe3C@C as an efficient polyselenide reservoir for high-performance sodium-selenium batteries. Energy Storage Materials, 2019, 16, 374-382.	18.0	41
47	Construction of high-quality CdS:Ga nanoribbon/silicon heterojunctions and their nano-optoelectronic applications. Nanotechnology, 2011, 22, 405201.	2.6	40
48	Preparation of highly luminescent BaSO₄ protected CdTe quantum dots as conversion materials for excellent color-rendering white LEDs. Journal of Materials Chemistry C, 2015, 3, 2831-2836.	5.5	36
49	Solution assembly MoS₂ nanopetals/GaAs nâ€“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
50	Electrochemically Stable Sodium Metalâ€Tellurium/Carbon Nanorods Batteries. Advanced Energy Materials, 2019, 9, 1903046.	19.5	33
51	Graphite cluster/copper-based powder metallurgy composite for pantograph slider with well-behaved mechanical and wear performance. Powder Technology, 2019, 344, 551-560.	4.2	33
52	Photoluminescence properties of Eu3+ and Bi3+ in YBO3 host under vacuum ultraviolet/ultraviolet excitation. Journal of Applied Physics, 2009, 105, 013513.	2.5	31
53	A waterâ€“ethanol phase assisted co-precipitation approach toward high quality quantum dotâ€“inorganic salt composites and their application for WLEDs. Green Chemistry, 2015, 17, 4439-4445.	9.0	31
54	Surface-activation modified perovskite crystallization for improving photovoltaic performance. Materials Today Energy, 2017, 5, 173-180.	4.7	31

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55	Lead-Free Perovskite Narrow-Bandgap Oxide Semiconductors of Rare-Earth Manganates. ACS Omega, 2020, 5, 8766-8776.	3.5	31
56	Mechanical and wear performances of aluminum/sintered-carbon composites produced by pressure infiltration for pantograph sliders. Powder Technology, 2018, 326, 54-61.	4.2	30
57	High-performance photodetectors and enhanced field-emission of CdS nanowire arrays on CdSe single-crystalline sheets. Journal of Materials Chemistry C, 2014, 2, 8252-8258.	5.5	28
58	N-doped carbon dots from phenol derivatives for excellent colour rendering WLEDs. RSC Advances, 2018, 8, 4850-4856.	3.6	28
59	High-speed ultraviolet-visible-near infrared photodiodes based on p-ZnS nanoribbonâ€“n-silicon heterojunction. CrystEngComm, 2013, 15, 1635.	2.6	27
60	Self-Combustion Synthesis and Ion Diffusion Performance of NaV₆O₁₅Nanoplates as Cathode Materials for Sodium-Ion Batteries. Journal of the Electrochemical Society, 2015, 162, A697-A703.	2.9	25
61	Direct photodissociation of toluene molecules to photoluminescent carbon dots under pulsed laser irradiation. Carbon, 2016, 105, 416-423.	10.3	25
62	Ca_{3â€‰â^'â€‰x}Bi_xCo₄O₉ and Ca_{1â€‰â^'â€‰y}Sm_yMnO₃ thermoelectric materials and their powerâ€generation devices. Physica Status Solidi (A) Applications and Materials Science, 2011, 208, 147-155.	1.8	24
63	Cu2ZnSnS4 and Cu2ZnSn(S1â^'xSex)4 nanocrystals: room-temperature synthesis and efficient photoelectrochemical water splitting. Journal of Materials Chemistry A, 2017, 5, 25230-25236.	10.3	24
64	White-light-emitting CdSe quantum dots with â€œmagic sizeâ€•via one-pot synthesis approach. Physica Status Solidi (A) Applications and Materials Science, 2010, 207, 2472-2477.	1.8	21
65	PbS Quantum-Dot Depleted Heterojunction Solar Cells Employing CdS Nanorod Arrays as the Electron Acceptor with Enhanced Efficiency. ACS Applied Materials & Interfaces, 2015, 7, 23117-23123.	8.0	20
66	Nearâ€Infrared Photoactive Semiconductor Quantum Dots for Solar Cells. Advanced Energy Materials, 2021, 11, 2101923.	19.5	20
67	Structure and electrical properties of p-type twin ZnTe nanowires. Applied Physics A: Materials Science and Processing, 2011, 102, 469-475.	2.3	19
68	Ultralow-voltage and high gain photoconductor based on ZnS:Ga nanoribbons for the detection of low-intensity ultraviolet light. Journal of Materials Chemistry C, 2014, 2, 3583.	5.5	19
69	Microstructure and Current Carrying Wear Behaviors of Copper/Sinteredâ€“Carbon Composites for Pantograph Sliders. Metals and Materials International, 2021, 27, 3398-3408.	3.4	19
70	Ammonium hydroxide modulated synthesis of high-quality fluorescent carbon dots for white LEDs with excellent color rendering properties. Nanotechnology, 2016, 27, 295202.	2.6	18
71	Three-dimensional architecture hybrid perovskite solar cells using CdS nanorod arrays as an electron transport layer. Nanotechnology, 2018, 29, 025401.	2.6	18
72	Fabrication of a Sandwiched Core Carbon Sphere@Na₃V₂(PO₄)₂O₂F@N-Doped Carbon Cathode for Superior Sodium-Ion Batteries. ACS Applied Energy Materials, 2021, 4, 3952-3961.	5.1	18

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73	Inverted quantum-dot solar cells with depleted heterojunction structure employing CdS as the electron acceptor. Solar Energy Materials and Solar Cells, 2015, 137, 287-292.	6.2	17
74	PVP-modulated synthesis of NaV6O15 nanorods as cathode materials for high-capacity sodium-ion batteries. Journal of Materials Science, 2016, 51, 8986-8994.	3.7	17
75	The temperatureâ€sensitive luminescence of (Y,Gd)VO₄:Bi³⁺,Eu³⁺ and its application for stealth antiâ€counterfeiting. Physica Status Solidi - Rapid Research Letters, 2012, 6, 321-323.	2.4	16
76	The red luminescence of Sr4 Al14 O25 :Mn4+ enhanced by coupling with the SrAl2 O4 phase in the 3SrOâ€‰Â·â€‰5Al2 O3 system. Physica Status Solidi (A) Applications and Materials Science, 2013, 210, 1791-1796.	1.8	16
77	Construction of crossed heterojunctions from p-ZnTe and n-CdSe nanoribbons and their photoresponse properties. Journal of Materials Chemistry C, 2014, 2, 6547.	5.5	16
78	Ultrasensitive PbSâ€Quantumâ€Dot Photodetectors for Visibleâ€“Nearâ€Infrared Light Through Surface Atomicâ€Ligand Exchange. Particle and Particle Systems Characterization, 2015, 32, 1102-1109.	2.3	16
79	Direct deposition of Sn-doped CsPbBr₃ perovskite for efficient solar cell application. RSC Advances, 2021, 11, 3380-3389.	3.6	16
80	Self-ignition route to Ag-doped Na1.7Co2O4 and its thermoelectric properties. Journal of Alloys and Compounds, 2009, 467, 444-449.	5.5	15
81	Green chemical approaches to ZnSe quantum dots: preparation, characterisation and formation mechanism. Journal of Experimental Nanoscience, 2010, 5, 106-117.	2.4	15
82	Oneâ€pot synthesis of homogeneous CdSe_xS_{1â^'x} alloyed quantum dots with tunable composition in a green Nâ€oleoylmorpholine solvent. Physica Status Solidi (A) Applications and Materials Science, 2012, 209, 306-312.	1.8	15
83	Full visible waveband tunable formamidinium halides hybrid perovskite QDs via anion-exchange route and their high luminous efficiency LEDs. Journal of Alloys and Compounds, 2019, 791, 814-821.	5.5	15
84	Inverse Fabrication of Li₂Sâ€Nanocrystals@Dopedâ€Carbon Loaded on Woven Carbon Fibers to Spatial Structure Cathodes for Highâ€Stable Lithiumâ€“Sulfur Batteries. Small Methods, 2020, 4, 2000463.	8.6	14
85	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
86	Microstructure and properties of Al-60wt.%Si composites prepared by powder semi-solid squeeze. Powder Technology, 2019, 343, 95-100.	4.2	13
87	Synthesis of NbSe₂single-crystalline nanosheet arrays for UV photodetectors. CrystEngComm, 2020, 22, 5710-5715.	2.6	13
88	Magnificent CdS three-dimensional nanostructure arrays: the synthesis of a novel nanostructure family for nanotechnology. CrystEngComm, 2011, 13, 145-152.	2.6	12
89	High performance visibleâ€“near-infrared PbS-quantum-dots/indium Schottky diodes for photodetectors. Nanotechnology, 2017, 28, 055202.	2.6	12
90	Hybrid perovskite exchange of PbS quantum dots for fast and high-detectivity visibleâ€“near-infrared photodetectors. Journal of Materials Chemistry C, 2020, 8, 7812-7819.	5.5	12

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91	A Ni-doping-induced phase transition and electron evolution in cobalt hexacyanoferrate as a stable cathode for sodium-ion batteries. Physical Chemistry Chemical Physics, 2021, 23, 2491-2499.	2.8	12
92	Formation of the amorphous phase in the carbothermal reduction and nitridation route to SrSi₂O₂N₂â€‰:â€‰Eu²⁺: a new understanding of the catalytic effect of carbon in the synthesis of Sr₂Si₅N₈â€‰:â€‰Eu²⁺ for white LEDs. RSC Advances, 2014, 4, 44317-44321.	3.6	11
93	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
94	Porous BN Nanofibers Enable Longâ€€Cycling Life Sodium Metal Batteries. Small, 2020, 16, e2002671.	10.0	11
95	Electron oriented injection TiSe₂â€“C laminated heterojunctions derived from terminal functionalized MXene for high-rate sodium ion storage. Journal of Materials Chemistry A, 2021, 9, 27684-27691.	10.3	11
96	Fabricating Na/In/C Composite Anode with Natrophilic Naâ€“In Alloy Enables Superior Na Ion Deposition in the EC/PC Electrolyte. Nano-Micro Letters, 2022, 14, 23.	27.0	11
97	Auto-ignition route to thermoelectric oxide NaxCo2O4 powder with high compactibility. Powder Technology, 2008, 184, 25-30.	4.2	10
98	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
99	Dataset of emission and excitation spectra, UVâ€“vis absorption spectra, and XPS spectra of graphitic C3N4. Data in Brief, 2018, 21, 501-510.	1.0	10
100	Synthesis and spectrum stability of high quality CdTe quantum dots capped with stearate groups in N-oleoylmorpholine solvent. Journal of Crystal Growth, 2010, 312, 2656-2660.	1.5	9
101	Hybrid Colloidal Stabilization Mechanism toward Improved Photoluminescence and Stability of CdSe/CdS Core/Shell Quantum Dots. Langmuir, 2017, 33, 7124-7129.	3.5	9
102	Highly efficient and blue-emitting CsPbBr₃ quantum dots synthesized by two-step supersaturated recrystallization. Nanotechnology, 2021, 32, 145712.	2.6	9
103	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
104	Ion- and air-tailored micro-honeycomb structures for superior Na-ion storage in coir-derived hard carbon. New Journal of Chemistry, 2019, 43, 10449-10457.	2.8	8
105	Independent dispersed and highly water-oxygen environment stable FAPbBr3 QDs-polymer composite for down-conversion display films. Chemical Engineering Journal, 2022, 428, 130974.	12.7	8
106	Co-Vacancy, Co_{1â^'x}S@C flower-like nanosheets derived from MOFs for high current density cycle performance and stable sodium-ion storage. New Journal of Chemistry, 2021, 45, 6865-6871.	2.8	7
107	Suppressing ion migration of CsPbBr _x I_{3-x} nanocrystals by Nickel doping and the application in high-efficiency WLEDs. Nanotechnology, 2021, 32, 335601.	2.6	7
108	Hybrid Perovskite Photoconductivity Visible Region Detector with High Speed and Stability. Nano, 2017, 12, 1750150.	1.0	6

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109	Nitrogen-rich hierarchical porous carbon materials with interconnected channels for high stability supercapacitors. New Journal of Chemistry, 2019, 43, 1864-1873.	2.8	6
110	Interface Engineering of a Sandwich Flexible Electrode PAn@CoHCF Rooted in Carbon Cloth for Enhanced Sodium-Ion Storage. ACS Applied Materials & Interfaces, 2021, 13, 23794-23802.	8.0	6
111	Effect of flake graphite content on wear between behavior between P/M copper-based pantograph slide and contact wire. Materials Research Express, 2020, 7, 076510.	1.6	6
112	Thermoelectric properties of rapid hot pressed polycrystalline Ag_{1â^'x}Pb₁₈SbTe₂₀ synthesized from doping PbTe nanocrystals. Physica Status Solidi (A) Applications and Materials Science, 2010, 207, 163-169.	1.8	5
113	A Na-Rich Nanocomposite of Na1.83Ni0.12Mn0.88Fe(CN)₆/RGO as Cathode for Superior Performance Sodium-Ion Batteries. Nano, 2018, 13, 1850064.	1.0	5
114	Size-Dependent Plasmonic Mode Evolution and SERS Performance of Î²-Sn Nanoparticles. Journal of Physical Chemistry C, 2019, 123, 735-738.	3.1	5
115	Self-doped 3-hexylthiophene-b-sodium styrene sulfonate block copolymer: synthesis and its organization with CdSe quantum dots. RSC Advances, 2015, 5, 17905-17914.	3.6	4
116	Enhancing the properties of perovskite quantum dot light emitting devices through grid structures formed by trioctylphosphine oxide. Journal of Materials Chemistry C, 2020, 8, 9861-9866.	5.5	4
117	Improved efficiency of hybrid solar cell based on thiolsâ€passivated CdS quantum dots and poly(3â€hexythiophene). Physica Status Solidi (A) Applications and Materials Science, 2012, 209, 1583-1587.	1.8	3
118	Interfacially Engineered Highâ€Speed Nonvolatile Memories Employing pâ€Type Nanoribbons. Advanced Materials Interfaces, 2014, 1, 1400130.	3.7	3
119	Carbon-wrapped four-component Naâ€“Niâ€“Tiâ€“Co oxides via solâ€“gel process for NIB anode material with superior cycling stability. Journal of Applied Electrochemistry, 2017, 47, 855-864.	2.9	3
120	Perovskite Lightâ€Emitting Diodes: Efficient CsPbBr₃ Perovskite Lightâ€Emitting Diodes Enabled by Synergetic Morphology Control (Advanced Optical Materials 4/2019). Advanced Optical Materials, 2019, 7, 1970014.	7.3	3
121	Batteries: Electrochemically Stable Sodium Metalâ€Tellurium/Carbon Nanorods Batteries (Adv. Energy) Tj ETQq1 1 0.784314 rgBT /Ov	19.5	3
122	Full density graphite/copper-alloy matrix composite fabricated via hot powder forging for pantograph slide. Materials Research Express, 2021, 8, 066504.	1.6	3
123	Photodetectors: Fabrication of Ultrathin Bi2S3Nanosheets for High-Performance, Flexible, Visible-NIR Photodetectors (Small 24/2015). Small, 2015, 11, 2847-2847.	10.0	2
124	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
125	A Phosphine-Free Route to Size-Adjustable CdSe and CdSe/CdS Coreâ€“Shell Quantum Dots for White-Light-Emitting Diodes. Journal of Nanoscience and Nanotechnology, 2018, 18, 1864-1869.	0.9	2
126	Pulsed laser assisted synthesis of gadolinium carbide/carbon shell dots with enhanced magnetic resonance properties. Nanotechnology, 2019, 30, 105705.	2.6	2

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127	Bifunctional Interface Engineering by Oxidating Layered TiSe₂ for High-Performance CsPbBr₃ Solar Cells. ACS Applied Energy Materials, 0, , .	5.1	2
128	A NEW RED PHOSPHOR OF THE Mn ACTIVATED NON-STOICHIOMETRIC STRONTIUM ALUMINATE 3SrOâ€¢5Al2O3 FOR HIGH COLOR RENDERING WHITE LEDS. Functional Materials Letters, 2013, 06, 1350028.	1.2	1
129	Shape control of Ag nanostructures via a postsynthetic annealing treatment. CrystEngComm, 2014, 16, 7885.	2.6	1
130	Scale Synthesis of Environment Friendly CIZS/ZnS Core/Shell Quantum Dots for High Color Quality White LEDs. Nano, 2017, 12, 1750014.	1.0	1
131	Highly crystallized glass-ceramics from high content gold tailings via a one-step direct cooling method. RSC Advances, 2022, 12, 14175-14182.	3.6	1
132	Copper fiber reinforced needle-coke/carbon composite for pantograph slide and its current-carrying wear performance. Materials Research Express, 2022, 9, 055605.	1.6	1
133	Back Cover: Oneâ€pot synthesis of homogeneous CdSe_xS_{1â^'x} alloyed quantum dots with tunable composition in a green Nâ€oleoylmorpholine solvent (Phys. Status) Tj ETQq1 1 0.784314 rgBT /Ov	0.8	0
134	Lithium Compounds: Reduced Local Symmetry in Lithium Compound Li₂SrSiO₄ Distinguished by an Eu³⁺ Spectroscopy Probe (Adv. Sci. 16/2019). Advanced Science, 2019, 6, 1970096.	11.2	0
135	Narrow-Bandgap Semiconductors of Perovskite Rare-Earth Orthoferrites (REFeO3). Current Chinese Science, 2021, 1, 438-452.	0.5	0
136	Synthesis of Eco-Friendly High PL Lifespan Manganese-Doped CuInZnS/ZnS QDs for White LED Applications. Journal of Nanoscience and Nanotechnology, 2020, 20, 6286-6294.	0.9	0