Jun Song

List of Publications by Year
in descending order

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Version: 2024-02-01

206	6,708	61857	88477
papers	citations	43 h-index	70 g-index

208	208	208	8955
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	A Multivariateâ€Gated DNA Nanodevice for Spatioselective Imaging of Proâ€metastatic Targets in Extracellular Microenvironment. Angewandte Chemie - International Edition, 2022, 61, .	7.2	23
2	Frontispiece: A Multivariateâ€Gated DNA Nanodevice for Spatioselective Imaging of Proâ€metastatic Targets in Extracellular Microenvironment. Angewandte Chemie - International Edition, 2022, 61, .	7.2	2
3	Degradable mesoporous semimetal antimony nanospheres for near-infrared II multimodal theranostics. Nature Communications, 2022, 13, 539.	5.8	17
4	Frontispiz: A Multivariateâ€Gated DNA Nanodevice for Spatioselective Imaging of Proâ€metastatic Targets in Extracellular Microenvironment. Angewandte Chemie, 2022, 134, .	1.6	2
5	Novel Method for Extracting the Spectrum of a Supramolecular Complex via a Comprehensive Approach Involving Two-Dimensional Correlation Spectroscopy, Genetic Algorithm, and Grid Searching. Analytical Chemistry, 2022, 94, 2348-2355.	3.2	3
6	N-Doped Graphene Supported Cu Single Atoms: Highly Efficient Recyclable Catalyst for Enhanced Câ€“N Coupling Reactions. ACS Nano, 2022, 16, 1142-1149.	7.3	36
7	Polar Side Chains Enhance Selection of Semiconducting Single-Walled Carbon Nanotubes by Polymer Wrapping. Macromolecules, 2022, 55, 1386-1397.	2.2	2
8	Tunable Graphene/Nitrocellulose Temperature Alarm Sensors. ACS Applied Materials & Interfaces, 2022, 14, 13790-13800.	4.0	28
9	Highâ€Performance Heterogeneous Thermocatalysis Caused by Catalyst Wettability Regulation. Chemistry - A European Journal, 2022, , .	1.7	2
10	Adaptive Biosensing and Neuromorphic Classification Based on an Ambipolar Organic Mixed Ionicâ€“Electronic Conductor. Advanced Materials, 2022, 34, e2200393.	11.1	27
11	Highâ€Performance Organic Electrochemical Transistors and Neuromorphic Devices Comprising Naphthalenediimideâ€Dialkoxybithiazole Copolymers Bearing Glycol Ether Pendant Groups. Advanced Functional Materials, 2022, 32, .	7.8	33
12	Rhenium disulfide nanosheets as a promising probe for intracellular two-photon luminescence imaging. Sensors and Actuators B: Chemical, 2022, 362, 131781.	4.0	5
13	Facile Synthesis of Green Fluorescent Carbon Dots and Their Application to Fe3+ Detection in Aqueous Solutions. Nanomaterials, 2022, 12, 1487.	1.9	7
14	Frontispiece: Highâ€Performance Heterogeneous Thermocatalysis Caused by Catalyst Wettability Regulation. Chemistry - A European Journal, 2022, 28, .	1.7	0
15	Realization of ultra-flat perovskite films with surprisingly large-grain distribution using high-pressure cooking. Chemical Engineering Journal, 2022, 445, 136803.	6.6	8
16	NIRâ€II Jâ€Aggregated Pt(II)â€Porphyrinâ€Based Phosphorescent Probe for Tumorâ€Hypoxia Imaging. Advanced Healthcare Materials, 2022, 11, e2200467.	3.9	19
17	Hierarchical porous silk fibroin/poly(L-lactic acid) fibrous membranes towards vascular scaffolds. International Journal of Biological Macromolecules, 2021, 166, 1111-1120.	3.6	24
18	In-situ crosslinked hydrogel based on amidated pectin/oxidized chitosan as potential wound dressing for skin repairing. Carbohydrate Polymers, 2021, 251, 117005.	5.1	127

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19	2-Methylimidazole-modulated UiO-66 as an effective photocatalyst to degrade Rhodamine B under visible light. Journal of Materials Science, 2021, 56, 1577-1589.	1.7	7
20	Conjugated polyelectrolyte doped perovskite films with enhanced photovoltaic performance and stability. Chemical Engineering Journal, 2021, 417, 128068.	6.6	8
21	Two-dimensional semiconducting antimonene in nanophotonic applications â€“ A review. Chemical Engineering Journal, 2021, 406, 126876.	6.6	38
22	Gasâ€“Liquidâ€“Solid Triphase Interfacial Chemical Reactions Associated with Gas Wettability. Advanced Materials Interfaces, 2021, 8, 2001636.	1.9	17
23	Halide Perovskiteâ€“Lead Chalcohalide Nanocrystal Heterostructures. Journal of the American Chemical Society, 2021, 143, 1435-1446.	6.6	55
24	Novel fluorescent probes based on nitrogenâ€“sulfur co-doped carbon dots for chromium ion detection. New Journal of Chemistry, 2021, 45, 4828-4834.	1.4	10
25	Optoelectronic devices based on the integration of halide perovskites with silicon-based materials. Journal of Materials Chemistry A, 2021, 9, 20919-20940.	5.2	19
26	Comparison of surface-passivation ability of the BAI salt and its induced 2D perovskite for high-performance inverted perovskite solar cells. RSC Advances, 2021, 11, 23249-23258.	1.7	11
27	Recent Advances in Perovskite Photodetectors for Image Sensing. Small, 2021, 17, e2005606.	5.2	111
28	Antimony Nanopolyhedrons with Tunable Localized Surface Plasmon Resonances for Highly Effective Photoacousticâ€Imagingâ€Guided Synergistic Photothermal/Immunotherapy. Advanced Materials, 2021, 33, e2100039.	11.1	32
29	Investigation on the luminescence behavior of terbium acetylsalicylate/bilirubin system via 2D-COS approaches. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2021, 251, 119427.	2.0	6
30	Protein-Based Nanomedicine for Therapeutic Benefits of Cancer. ACS Nano, 2021, 15, 8001-8038.	7.3	59
31	Access to Alleneâ€Containing Molecules via Enantioselective Reactions of Azolium Cumulenolate Intermediates. Angewandte Chemie - International Edition, 2021, 60, 14817-14823.	7.2	16
32	Solventâ€Additive Engineeringâ€Assisted Improvement of Interface Contact for Producing Highly Efficient Inverted Perovskite Solar Cells. Solar Rrl, 2021, 5, 2100190.	3.1	13
33	Noval Dual-Emission Fluorescence Carbon Dots as a Ratiometric Probe for Cu2+ and ClOâ¯ Detection. Nanomaterials, 2021, 11, 1232.	1.9	11
34	Low Threshold and Longâ€Range Propagation Plasmonic Nanolaser Enhanced by Black Phosphorus Nanosheets. Advanced Theory and Simulations, 2021, 4, 2100087.	1.3	0
35	Photoinduced Palladium-Catalyzed Intermolecular Radical Cascade Cyclization of N-Arylacrylamides with Unactivated Alkyl Bromides. Organic Letters, 2021, 23, 5631-5635.	2.4	33
36	2D van der Waals Heterojunction Nanophotonic Devices: From Fabrication to Performance. Advanced Functional Materials, 2021, 31, 2104260.	7.8	32

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37	Chiral Phosphoric Acid-Catalyzed Remote Control of Axial Chirality at Boronâ€“Carbon Bond. Journal of the American Chemical Society, 2021, 143, 12924-12929.	6.6	51
38	Spin Hall effect of light based on a surface plasmonic platform. Nanophotonics, 2021, 10, 3031-3048.	2.9	28
39	High strength and strain alginate fibers by a novel wheel spinning technique for knitting stretchable and biocompatible wound-care materials. Materials Science and Engineering C, 2021, 127, 112204.	3.8	19
40	Cdâ€free InP / ZnSeS quantum dots for ultrahighâ€resolution imaging of stimulated emission depletion. Journal of Biophotonics, 2021, 14, e202100230.	1.1	3
41	Blue OLEDs with narrow bandwidth using CF3 substituted bis((carbazol-9-yl)phenyl)amines as emitters: Structural regulation of linker between donor and acceptor in chromophores. Dyes and Pigments, 2021, 194, 109627.	2.0	5
42	Bi2O2Se nanosheets/reduced graphene oxide composites for all-solid-state flexible asymmetric supercapacitors with enhanced stability. Journal of Solid State Chemistry, 2021, 303, 122487.	1.4	5
43	Solarâ€Driven Hydrogen Generation Catalyzed by gâ€C₃N₄ with Poly(platinaynes) as Efficient Electron Donor at Low Platinum Content. Advanced Science, 2021, 8, 2002465.	5.6	20
44	Mechanical properties of fiber-reinforced asphalt concrete: Finite element simulation and experimental study. E-Polymers, 2021, 21, 533-548.	1.3	5
45	High-Efficiency All-Polymer Solar Cells with Poly-Small-Molecule Acceptors Having Ï€-Extended Units with Broad Near-IR Absorption. ACS Energy Letters, 2021, 6, 728-738.	8.8	74
46	Facile one-pot solvothermal preparation of two-dimensional Ni-based metalâ€“organic framework microsheets as a high-performance supercapacitor material. RSC Advances, 2021, 11, 8362-8366.	1.7	6
47	Peroxide- and transition metal-free electrochemical synthesis of Î±,Î²-epoxy ketones. Organic and Biomolecular Chemistry, 2021, 19, 2481-2486.	1.5	3
48	Recent progress of electronic materials based on 2,1,3-benzothiadiazole and its derivatives: synthesis and their application in organic light-emitting diodes. Science China Chemistry, 2021, 64, 341-357.	4.2	44
49	Stimuli-Responsive Polymeric Nanosystems for Controlled Drug Delivery. Applied Sciences (Switzerland), 2021, 11, 9541.	1.3	5
50	Hierarchical Porous Recycled PET Nanofibers for High-Efficiency Aerosols and Virus Capturing. ACS Applied Materials & Interfaces, 2021, 13, 49380-49389.	4.0	22
51	Discovery of novel ibrutinib analogues to treat malignant melanoma. Bioorganic Chemistry, 2021, 117, 105419.	2.0	3
52	Observations of intracellular second-harmonic generation imaging in black phosphorus nanosheets. Journal of Innovative Optical Health Sciences, 2021, 14, .	0.5	1
53	Controllable release of vascular endothelial growth factor (VEGF) by wheel spinning alginate/silk fibroin fibers for wound healing. Materials and Design, 2021, 212, 110231.	3.3	16
54	Porous poly(Lâ€“lactic acid)/chitosan nanofibres for copper ion adsorption. Carbohydrate Polymers, 2020, 227, 115343.	5.1	87

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55	Growth of Amorphous Passivation Layer Using Phenethylammonium Iodide for Highâ€Performance Inverted Perovskite Solar Cells. Solar Rrl, 2020, 4, 1900243.	3.1	43
56	Ultrasensitive Deep-Ultraviolet Surface Plasmon Resonance Sensors Using Aluminum-Graphene Metasurface: a Theoretical Insight. Plasmonics, 2020, 15, 135-143.	1.8	4
57	Ultra-compact, low-loss terahertz waveguide based on graphene plasmonic technology. 2D Materials, 2020, 7, 015016.	2.0	24
58	Controlled reduction of graphene oxide laminate and its applications for ultra-wideband microwave absorption. Carbon, 2020, 160, 307-316.	5.4	40
59	A diketopyrrolopyrrole-based hybrid organic nanoprobe for ratiometric imaging of endogenous hypochlorite in live cells. Sensors and Actuators B: Chemical, 2020, 307, 127632.	4.0	9
60	Profiling of microRNAs and mRNAs in marine mussel Mytilus galloprovincialis. Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology, 2020, 230, 108697.	1.3	8
61	Interface engineering with a novel n-type small organic molecule for efficient inverted perovskite solar cells. Chemical Engineering Journal, 2020, 392, 123677.	6.6	31
62	Lithium nitrate-assisted hydrothermal synthesis of ultrathin Bi₂O₂Se nanosheets and their photoelectrochemical performance. Journal of Materials Chemistry C, 2020, 8, 14711-14717.	2.7	11
63	Heterostructures in Two-Dimensional CdSe Nanoplatelets: Synthesis, Optical Properties, and Applications. Chemistry of Materials, 2020, 32, 9490-9507.	3.2	41
64	Biodegradable pH-responsive amorphous calcium carbonate nanoparticles as immunoadjuvants for multimodal imaging and enhanced photoimmunotherapy. Journal of Materials Chemistry B, 2020, 8, 8261-8270.	2.9	22
65	A novel perylene diimide-based zwitterion as the cathode interlayer for high-performance perovskite solar cells. Journal of Materials Chemistry A, 2020, 8, 18117-18124.	5.2	31
66	Sizeâ€Transformable Nanostructures: From Design to Biomedical Applications. Advanced Materials, 2020, 32, e2003752.	11.1	52
67	A New Strategy for Increasing the Efficiency of Inverted Perovskite Solar Cells to More than 21%: Highâ€Humidity Induced Selfâ€Passivation of Perovskite Films. Solar Rrl, 2020, 4, 2070094.	3.1	1
68	Bandgap Engineering of Hydroxyâ€Functionalized Borophene for Superior Photoâ€Electrochemical Performance. Angewandte Chemie, 2020, 132, 23765-23769.	1.6	3
69	Soft-template assisted synthesis of hexagonal antimonene and bismuthene in colloidal solutions. Nanoscale, 2020, 12, 20945-20951.	2.8	22
70	Bandgap Engineering of Hydroxyâ€Functionalized Borophene for Superior Photoâ€Electrochemical Performance. Angewandte Chemie - International Edition, 2020, 59, 23559-23563.	7.2	41
71	Hierarchical porous poly(l-lactic acid)/SiO2 nanoparticles fibrous membranes for oil/water separation. Journal of Materials Science, 2020, 55, 16096-16110.	1.7	13
72	Progress Report on Property, Preparation, and Application of Bi₂O₂Se. Advanced Functional Materials, 2020, 30, 2004480.	7.8	72

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73	Efficient Naphthalene Imide-Based Interface Engineering Materials for Enhancing Perovskite Photovoltaic Performance and Stability. ACS Applied Materials & Interfaces, 2020, 12, 42348-42356.	4.0	16
74	Effect of Rb+ Doping on Tunable Luminescence in Yb3+/Er3+â€“Y2O3 Film. Coatings, 2020, 10, 1137.	1.2	6
75	Inhibiting tumor oxygen metabolism and simultaneously generating oxygen by intelligent upconversion nanotherapeutics for enhanced photodynamic therapy. Biomaterials, 2020, 251, 120088.	5.7	58
76	Monitoring the Cellular Delivery of Doxorubicinâ€“Cu Complexes in Cells by Fluorescence Lifetime Imaging Microscopy. Journal of Physical Chemistry A, 2020, 124, 4235-4240.	1.1	8
77	A linear conjugated tetramer as a surface-modification layer to increase perovskite solar cell performance and stability. Journal of Materials Chemistry A, 2020, 8, 11728-11733.	5.2	21
78	Efficient Surface Passivation and Electron Transport Enable Low Temperature-Processed Inverted Perovskite Solar Cells with Efficiency over 20%. ACS Sustainable Chemistry and Engineering, 2020, 8, 8848-8856.	3.2	9
79	Programming cell pyroptosis with biomimetic nanoparticles for solid tumor immunotherapy. Biomaterials, 2020, 254, 120142.	5.7	173
80	Novel fluorescence probe based on bright emitted carbon dots for ClOâ¯ detection in real water samples and living cells. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2020, 240, 118592.	2.0	14
81	Large-scale synthesis of cesium lead halide perovskite nanocrystals for zinc ion detection. Journal of Nanoparticle Research, 2020, 22, 1.	0.8	6
82	Ultrafast bone-like apatite formation on highly porous poly(l-lactic acid)-hydroxyapatite fibres. Materials Science and Engineering C, 2020, 116, 111168.	3.8	23
83	Ultrasensitive Surface Plasmon Resonance Biosensor Using Blue Phosphorusâ€“Graphene Architecture. Sensors, 2020, 20, 3326.	2.1	13
84	Bifunctional Effects of Trichloro(octyl)silane Modification on the Performance and Stability of a Perovskite Solar Cell via Microscopic Characterization Techniques. ACS Applied Energy Materials, 2020, 3, 3302-3309.	2.5	11
85	Achieving high-resolution of 21â€‰nm for STED nanoscopy assisted by CdSe@ZnS quantum dots. Applied Physics Letters, 2020, 116, .	1.5	12
86	Self-powered photodetectors based on CsxDMA1-xPbI3 perovskite films with high detectivity and stability. Nano Energy, 2020, 71, 104611.	8.2	17
87	A novel colorimetric immunoassay based on enzyme-regulated instant generation of Turnbull's blue for the sensitive determination of ochratoxin A. Analyst, The, 2020, 145, 2420-2424.	1.7	8
88	Long-wavelength excitation of carbon dots as the probe for real-time imaging of the living-cell cycle process. Sensors and Actuators B: Chemical, 2020, 311, 127891.	4.0	25
89	Virusâ€inspired Deformable Mesoporous Nanocomposites for High Efficiency Drug Delivery. Small, 2020, 16, 1906028.	5.2	10
90	Elimination of Reâ€excitation in Stimulated Emission Depletion Nanoscopy Based on Photon Extraction in a Phasor Plot. Laser and Photonics Reviews, 2020, 14, 1900352.	4.4	5

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91	Achieving efficient green-solvent-processed organic solar cells by employing ortho-ortho perylene diimide dimer. Organic Electronics, 2020, 83, 105732.	1.4	7
92	High-efficiency organic electroluminescent materials based on the Dâ€“Aâ€“D type with sterically hindered methyl groups. Journal of Materials Chemistry C, 2020, 8, 6851-6860.	2.7	15
93	Immunologically modified MnFe2O4 nanoparticles to synergize photothermal therapy and immunotherapy for cancer treatment. Chemical Engineering Journal, 2020, 396, 125239.	6.6	59
94	A New Strategy for Increasing the Efficiency of Inverted Perovskite Solar Cells to More than 21%: Highâ€Humidity Induced Selfâ€Passivation of Perovskite Films. Solar Rrl, 2020, 4, 2000149.	3.1	17
95	Naphthalene imide dimer as interface engineering material: An efficient strategy for achieving high-performance perovskite solar cells. Chemical Engineering Journal, 2020, 395, 125062.	6.6	27
96	Revisiting the Luminescence Decay Kinetics of Energy Transfer Upconversion. Journal of Physical Chemistry Letters, 2020, 11, 3672-3680.	2.1	23
97	Low-threshold stimulated emission in perovskite quantum dots: single-exciton optical gain induced by surface plasmon polaritons at room temperature. Journal of Materials Chemistry C, 2020, 8, 5847-5855.	2.7	8
98	Promising near-infrared plasmonic biosensor employed for specific detection of SARS-CoV-2 and its spike glycoprotein. New Journal of Physics, 2020, 22, 103046.	1.2	52
99	Luminescent probes for luminescence lifetime sensing and imaging in live cells: a narrative review. Journal of Bio-X Research, 2020, 3, 174-182.	0.3	1
100	Antimonene: From Experimental Preparation to Practical Application. Angewandte Chemie - International Edition, 2019, 58, 1574-1584.	7.2	111
101	Antimonen: von der experimentellen Herstellung zur praktischen Anwendung. Angewandte Chemie, 2019, 131, 1588-1599.	1.6	4
102	The design of room-temperature-phosphorescent carbon dots and their application as a security ink. Journal of Materials Chemistry C, 2019, 7, 10605-10612.	2.7	88
103	A Study on Technology Competition of Graphene Biomedical Technology Based on Patent Analysis. Applied Sciences (Switzerland), 2019, 9, 2613.	1.3	7
104	Preparation of low dimensional antimonene oxides and their application in Cu:NiOx based planar p-i-n perovskite solar cells. Journal of Power Sources, 2019, 435, 226819.	4.0	14
105	Green emitted CdSe@ZnS quantum dots for FLIM and STED imaging applications. Journal of Innovative Optical Health Sciences, 2019, 12, .	0.5	10
106	Hierarchical Porous Poly(<scp>l</scp>-lactic acid) Nanofibrous Membrane for Ultrafine Particulate Aerosol Filtration. ACS Applied Materials & Interfaces, 2019, 11, 46261-46268.	4.0	77
107	Fluorescence life-time imaging microscopy (FLIM) monitors tumor cell death triggered by photothermal therapy with MoS2 nanosheets. Journal of Innovative Optical Health Sciences, 2019, 12, 1940002.	0.5	7
108	Extremely Robust Gas-Quenching Deposition of Halide Perovskites on Top of Hydrophobic Hole Transport Materials for Inverted (pâ€“iâ€“n) Solar Cells by Targeting the Precursor Wetting Issue. ACS Applied Materials & Interfaces, 2019, 11, 40172-40179.	4.0	39

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109	Rational design of high efficiency green to deep red/near-infrared emitting materials based on isomeric donorâ€“acceptor chromophores. Journal of Materials Chemistry C, 2019, 7, 1880-1887.	2.7	26
110	Regulating the color output and simultaneously enhancing the intensity of upconversion nanoparticles via a dye sensitization strategy. Journal of Materials Chemistry C, 2019, 7, 8607-8615.	2.7	23
111	Solution-phase synthesis of CsPbI₃ nanowire clusters via polymer-induced anisotropic growth and self-assembly. Chemical Communications, 2019, 55, 8266-8269.	2.2	6
112	EcoFlex Sponge with Ultrahigh Oil Absorption Capacity. ACS Applied Materials & Interfaces, 2019, 11, 20037-20044.	4.0	26
113	Solutionâ€Phase Synthesis of Fewâ€Layer Hexagonal Antimonene Nanosheets via Anisotropic Growth. Angewandte Chemie - International Edition, 2019, 58, 9891-9896.	7.2	50
114	Solutionâ€Phase Synthesis of Fewâ€Layer Hexagonal Antimonene Nanosheets via Anisotropic Growth. Angewandte Chemie, 2019, 131, 9996-10001.	1.6	5
115	Coreâ€“Shellâ€Structured LaTaON₂ Transformed from LaKNaTaO₅ Plates for Enhanced Photocatalytic H₂ Evolution. Angewandte Chemie, 2019, 131, 10776-10780.	1.6	8
116	Coreâ€“Shellâ€Structured LaTaON₂ Transformed from LaKNaTaO₅ Plates for Enhanced Photocatalytic H₂ Evolution. Angewandte Chemie - International Edition, 2019, 58, 10666-10670.	7.2	49
117	Enhancing Photoacoustic Intensity of Upconversion Nanoparticles by Photoswitchable Azobenzeneâ€Containing Polymers for Dual NIRâ€II and Photoacoustic Imaging In Vivo. Advanced Optical Materials, 2019, 7, 1900045.	3.6	20
118	NIRâ€Triggered Phototherapy and Immunotherapy via an Antigenâ€Capturing Nanoplatform for Metastatic Cancer Treatment. Advanced Science, 2019, 6, 1802157.	5.6	221
119	Nanoliposomes Co-Encapsulating CT Imaging Contrast Agent and Photosensitizer for Enhanced, Imaging Guided Photodynamic Therapy of Cancer. Theranostics, 2019, 9, 1323-1335.	4.6	64
120	High Affinity to Skeleton Rare Earth Doped Nanoparticles for Near-Infrared II Imaging. Nano Letters, 2019, 19, 2985-2992.	4.5	141
121	Ultra-high light confinement and ultra-long propagation distance design for integratable optical chips based on plasmonic technology. Nanoscale, 2019, 11, 4601-4613.	2.8	32
122	Biocompatible carbon dots with low-saturation-intensity and high-photobleaching-resistance for STED nanoscopy imaging of the nucleolus and tunneling nanotubes in living cells. Nano Research, 2019, 12, 3075-3084.	5.8	73
123	Achieving efficient inverted perovskite solar cells with excellent electron transport and stability by employing a ladder-conjugated perylene diimide dimer. Journal of Materials Chemistry A, 2019, 7, 24191-24198.	5.2	40
124	An ultrasensitive Fano resonance biosensor using two dimensional hexagonal boron nitride nanosheets: theoretical analysis. RSC Advances, 2019, 9, 29805-29812.	1.7	23
125	Enhanced photocatalytic performance of Ag/TiO2 nanohybrid sensitized by black phosphorus nanosheets in visible and near-infrared light. Journal of Colloid and Interface Science, 2019, 534, 1-11.	5.0	49
126	Strong Coupling in Microcavity Structures: Principle, Design, and Practical Application. Laser and Photonics Reviews, 2019, 13, 1800219.	4.4	45

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127	Achieving Highâ€Performance Solutionâ€Processed Deepâ€Red/Nearâ€Infrared Organic Lightâ€Emitting Diodes with a Phenanthrolineâ€Based and Wedgeâ€Shaped Fluorophore. Advanced Electronic Materials, 2019, 5, 1800677.	2.6	22
128	Fluorescence enhancement of small squaraine dye and its two-photon excited fluorescence in long-term near-infrared I&II bioimaging. Optics Express, 2019, 27, 12360.	1.7	23
129	Photonic hooks from Janus microcylinders. Optics Express, 2019, 27, 37771.	1.7	37
130	Tracking of intracellular doxorubicin-Cu complexes with FLIM technique. , 2019, , .		0
131	Lowâ€Saturationâ€Intensity, Highâ€Photostability, and Highâ€Resolution STED Nanoscopy Assisted by CsPbBr₃ Quantum Dots. Advanced Materials, 2018, 30, e1800167.	11.1	64
132	Facile synthesis of layered V2O5/ZnV2O6 heterostructures with enhanced sensing performance. Applied Surface Science, 2018, 447, 569-575.	3.1	34
133	Interfacial Passivation of the pâ€Doped Holeâ€Transporting Layer Using General Insulating Polymers for Highâ€Performance Inverted Perovskite Solar Cells. Small, 2018, 14, e1704007.	5.2	105
134	Phasorâ€“Fluorescence Lifetime Imaging Microscopy Analysis to Monitor Intercellular Drug Release from a pH-Sensitive Polymeric Nanocarrier. Analytical Chemistry, 2018, 90, 2170-2177.	3.2	41
135	Highly anisotropic black phosphorous-graphene hybrid architecture for ultrassensitive plasmonic biosensing: Theoretical insight. 2D Materials, 2018, 5, 025015.	2.0	61
136	Mechanistic Investigation of Upconversion Photoluminescence in All-Inorganic Perovskite CsPbBrI₂ Nanocrystals. Journal of Physical Chemistry C, 2018, 122, 3152-3156.	1.5	22
137	Improvement of red light harvesting ability and open circuit voltage of Cu:NiOx based p-i-n planar perovskite solar cells boosted by cysteine enhanced interface contact. Nano Energy, 2018, 45, 471-479.	8.2	64
138	Crucial breakthrough of second near-infrared biological window fluorophores: design and synthesis toward multimodal imaging and theranostics. Chemical Society Reviews, 2018, 47, 4258-4278.	18.7	737
139	Light-current-induced acceleration of degradation of methylammonium lead iodide perovskite solar cells. Journal of Power Sources, 2018, 384, 303-311.	4.0	9
140	Controllable emission bands and morphologies of high-quality CsPbX3 perovskite nanocrystals prepared in octane. Nano Research, 2018, 11, 4654-4663.	5.8	39
141	All-inorganic CsPbBr₃ perovskite quantum dots embedded in dual-mesoporous silica with moisture resistance for two-photon-pumped plasmonic nanoLasers. Nanoscale, 2018, 10, 6704-6711.	2.8	74
142	Low temperature synthesis of high-quality all-inorganic cesium lead halide perovskite nanocrystals in open air and their upconversion luminescence. Journal of Alloys and Compounds, 2018, 730, 62-70.	2.8	35
143	Flexible Plasmonic Pressure Sensor Based on Layered Two-Dimensional Heterostructures. Journal of Lightwave Technology, 2018, 36, 5678-5684.	2.7	14
144	Achieving NIR Emission for Donorâ€“Acceptor Type Platinum(II) Complexes by Adjusting Coordination Position with Isomeric Ligands. Inorganic Chemistry, 2018, 57, 14208-14217.	1.9	31

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145	BSA-bioinspired gold nanorods loaded with immunoadjuvant for the treatment of melanoma by combined photothermal therapy and immunotherapy. Nanoscale, 2018, 10, 21640-21647.	2.8	118
146	Aggregation-induced near-infrared emitting platinum(<scp>ii</scp>) terpyridyl complex: cellular characterisation and lysosome-specific localisation. Chemical Communications, 2018, 54, 11144-11147.	2.2	44
147	Cartilage regeneration using arthroscopic flushing fluid-derived mesenchymal stem cells encapsulated in a one-step rapid cross-linked hydrogel. Acta Biomaterialia, 2018, 79, 202-215.	4.1	65
148	A simple amide fluorescent sensor based on quinoline for selective and sensitive recognition of zinc(II) ions and bioimaging in living cells. Dyes and Pigments, 2018, 158, 312-318.	2.0	40
149	Bandgapâ€Tunable Preparation of Smooth and Large Twoâ€Dimensional Antimonene. Angewandte Chemie - International Edition, 2018, 57, 8668-8673.	7.2	101
150	Bandgapâ€Tunable Preparation of Smooth and Large Twoâ€Dimensional Antimonene. Angewandte Chemie, 2018, 130, 8804-8809.	1.6	51
151	Compressed energy transfer distance for remarkable enhancement of the luminescence of Nd3+-sensitized upconversion nanoparticles. Journal of Materials Chemistry C, 2018, 6, 6597-6604.	2.7	17
152	One-pot synthesis of dispersible thermally stable organic downconversion materials under DBU catalyzation for high performance hybrid-LED lamps. Green Chemistry, 2018, 20, 3557-3565.	4.6	16
153	Single nanoparticle detection using a photonic nanojet. Nanoscale, 2018, 10, 14182-14189.	2.8	44
154	A simple Schiff base as dual-responsive fluorescent sensor for bioimaging recognition of Zn²⁺ and Al³⁺ in living cells. Journal of Materials Chemistry B, 2018, 6, 5435-5442.	2.9	87
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