Jun-le Qu

List of Publications by Year
in descending order

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414 papers	14,325 citations	25014 57 h-index	33869 99 g-index
423 all docs	423 docs citations	423 times ranked	17081 citing authors

#	Article	IF	Citations
1	Comparing the Impact of <scp>NIR</scp>, Visible and <scp>UV</scp> Light on <scp>ROS</scp> Upregulation via Photoacceptors of Mitochondrial Complexes in Normal, Immune and Cancer Cells. Photochemistry and Photobiology, 2023, 99, 106-119.	1.3	7
2	Macrophages Modulated by Red/NIR Light: Phagocytosis, Cytokines, Mitochondrial Activity, Ca²⁺ Influx, Membrane Depolarization and Viability. Photochemistry and Photobiology, 2022, 98, 484-497.	1.3	7
3	Influence of anharmonicity and interlayer interaction on Raman spectra in mono- and few-layer MoS2: A computational study. Physica E: Low-Dimensional Systems and Nanostructures, 2022, 136, 114999.	1.3	9
4	Synergistic interventional photothermal therapy and immunotherapy using an iron oxide nanoplatform for the treatment of pancreatic cancer. Acta Biomaterialia, 2022, 138, 453-462.	4.1	44
5	CH3NH3PbI3 Perovskite with Enhanced Absorption and Stability Using Silver Nanowires and the Anatase Structure of TiO2 Nanowires. Journal of Electronic Materials, 2022, 51, 778-784.	1.0	1
6	Low-power STED nanoscopy based on temporal and spatial modulation. Nano Research, 2022, 15, 3479-3486.	5.8	8
7	NMDA receptor expression during cell transformation process at early stages of liver cancer in rodent models. American Journal of Physiology - Renal Physiology, 2022, 322, G142-G153.	1.6	3
8	A Multivariateâ€Gated DNA Nanodevice for Spatioselective Imaging of Proâ€metastatic Targets in Extracellular Microenvironment. Angewandte Chemie - International Edition, 2022, 61, .	7.2	23
9	Implementation of a fluorescence spatiotemporal modulation super-resolution microscope. Optics Letters, 2022, 47, 581.	1.7	3
10	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
11	Degradable mesoporous semimetal antimony nanospheres for near-infrared II multimodal theranostics. Nature Communications, 2022, 13, 539.	5.8	17
12	Frontispiz: A Multivariateâ€Gated DNA Nanodevice for Spatioselective Imaging of Proâ€metastatic Targets in Extracellular Microenvironment. Angewandte Chemie, 2022, 134, .	1.6	2
13	Mitochondrial structural variations in the process of mitophagy. Journal of Biophotonics, 2022, 15, e202200006.	1.1	3
14	Aberration Correction to Optimize the Performance of Two-Photon Fluorescence Microscopy Using the Genetic Algorithm. Microscopy and Microanalysis, 2022, 28, 383-389.	0.2	5
15	Red and near infrared light-stimulated angiogenesis mediated via Ca2+ influx, VEGF production and NO synthesis in endothelial cells in macrophage or malignant environments. Journal of Photochemistry and Photobiology B: Biology, 2022, 227, 112388.	1.7	11
16	Polar Side Chains Enhance Selection of Semiconducting Single-Walled Carbon Nanotubes by Polymer Wrapping. Macromolecules, 2022, 55, 1386-1397.	2.2	2
17	GeAs₂ Saturable Absorber for Ultrafast and Ultranarrow Photonic Applications. Advanced Functional Materials, 2022, 32, .	7.8	17
18	Engineering Molecular Probes for In Vivo Near-Infrared Fluorescence/Photoacoustic Duplex Imaging of Human Neutrophil Elastase. Analytical Chemistry, 2022, 94, 3227-3234.	3.2	22

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19	Optothermophoretic flipping method for biomolecule interaction enhancement. Biosensors and Bioelectronics, 2022, 204, 114084.	5.3	15
20	Lipophilic Red-Emitting Carbon Dots for Detecting and Tracking Lipid Droplets in Live Cells. ACS Applied Bio Materials, 2022, 5, 1187-1193.	2.3	8
21	Liquid-Phase Exfoliation of Ta2NiS5 and Its Application in Near-Infrared Mode-Locked Fiber Lasers with Evanescent Field Interactions and Passively Q-Switched Bulk Laser. Nanomaterials, 2022, 12, 695.	1.9	14
22	Monitoring microenvironment of Hep G2 cell apoptosis using two-photon fluorescence lifetime imaging microscopy. Journal of Innovative Optical Health Sciences, 2022, 15, .	0.5	4
23	Highâ€Performance Heterogeneous Thermocatalysis Caused by Catalyst Wettability Regulation. Chemistry - A European Journal, 2022, , .	1.7	2
24	In vivo two-photon fluorescence lifetime imaging microendoscopy based on fiber-bundle. Optics Letters, 2022, 47, 2137-2140.	1.7	3
25	Accurate evaluation of the treatment effects of immunotherapy on subcutaneous ovarian cancer in mice with nonlinear optical imaging and algorithmic analysis. Biomedical Optics Express, 2022, 13, 2266.	1.5	1
26	Robots as models of evolving systems. Proceedings of the National Academy of Sciences of the United States of America, 2022, 119, e2120019119.	3.3	10
27	Deep learning autofluorescence-harmonic microscopy. Light: Science and Applications, 2022, 11, 76.	7.7	27
28	Four-dimensional multi-particle tracking in living cells based on lifetime imaging. Nanophotonics, 2022, .	2.9	1
29	Plasmonic enhancement of exciton and trion photoluminescence in 2D MoS2 decorated with Au nanorods: Impact of nonspherical shape. Physica E: Low-Dimensional Systems and Nanostructures, 2022, 140, 115213.	1.3	7
30	Nondestructive in situ detection of microbubble defects in the screen by optical coherence tomography. European Physical Journal: Special Topics, 2022, 231, 613-620.	1.2	3
31	Superâ€Multiplex Nonlinear Optical Imaging Unscrambles the Statistical Complexity of Cancer Subtypes and Tumor Microenvironment. Advanced Science, 2022, 9, e2104379.	5.6	13
32	Nanorefrigerative tweezers for optofluidic manipulation. Applied Physics Letters, 2022, 120, .	1.5	8
33	Facile Synthesis of Green Fluorescent Carbon Dots and Their Application to Fe3+ Detection in Aqueous Solutions. Nanomaterials, 2022, 12, 1487.	1.9	7
34	Multi-Color Two-Photon Microscopic Imaging Based on a Single-Wavelength Excitation. Biosensors, 2022, 12, 307.	2.3	4
35	Frontispiece: Highâ€Performance Heterogeneous Thermocatalysis Caused by Catalyst Wettability Regulation. Chemistry - A European Journal, 2022, 28, .	1.7	0
36	Tumor-Microenvironment-Activated NIR-II Nanotheranostic Platform for Precise Diagnosis and Treatment of Colon Cancer. ACS Applied Materials & Interfaces, 2022, 14, 23206-23218.	4.0	17

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37	NIRâ€II Jâ€Aggregated Pt(II)â€Porphyrinâ€Based Phosphorescent Probe for Tumorâ€Hypoxia Imaging. Advanced Healthcare Materials, 2022, 11, e2200467.	3.9	19
38	Halogen-doped phosphorescent carbon dots for grayscale patterning. Light: Science and Applications, 2022, 11, .	7.7	27
39	Shedding light on biology and healthcareâ€"preface to the special issue on Biomedical Optics. Light: Science and Applications, 2022, 11, .	7.7	3
40	Promising Colloidal Rhenium Disulfide Nanosheets: Preparation and Applications for In Vivo Breast Cancer Therapy. Nanomaterials, 2022, 12, 1937.	1.9	2
41	Near-infrared light reduces Î²-amyloid-stimulated microglial toxicity and enhances survival of neurons: mechanisms of light therapy for Alzheimerâ€™s disease. Alzheimer's Research and Therapy, 2022, 14, .	3.0	22
42	Label free deep penetration single photon microscopic imaging with ultralong anti-diffracting beam. Applied Physics Letters, 2022, 121, .	1.5	3
43	Cancer nanotheranostics in the second nearâ€infrared window. View, 2021, 2, 20200075.	2.7	29
44	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
45	An all-graphene quantum dot FÃ¶rster resonance energy transfer (FRET) probe for ratiometric detection of HE4 ovarian cancer biomarker. Colloids and Surfaces B: Biointerfaces, 2021, 198, 111458.	2.5	26
46	Red and near-infrared light evokes Ca2+ influx, endoplasmic reticulum release and membrane depolarization in neurons and cancer cells. Journal of Photochemistry and Photobiology B: Biology, 2021, 214, 112088.	1.7	33
47	Conjugated polyelectrolyte doped perovskite films with enhanced photovoltaic performance and stability. Chemical Engineering Journal, 2021, 417, 128068.	6.6	8
48	Ultrafast Surface Plasmon Resonance Imaging Sensor via the High-Precision Four-Parameter-Based Spectral Curve Readjusting Method. Analytical Chemistry, 2021, 93, 828-833.	3.2	17
49	Improving the image quality in STED nanoscopy using frequency spectrum modulation. Journal of Biophotonics, 2021, 14, e202000402.	1.1	4
50	Photo-activated chemo-immunotherapy for metastatic cancer using a synergistic graphene nanosystem. Biomaterials, 2021, 265, 120421.	5.7	75
51	Gasâ€"Liquidâ€"Solid Triphase Interfacial Chemical Reactions Associated with Gas Wettability. Advanced Materials Interfaces, 2021, 8, 2001636.	1.9	17
52	AIE-active two-photon fluorescent nanoprobe with NIR-II light excitability for highly efficient deep brain vasculature imaging. Theranostics, 2021, 11, 2137-2148.	4.6	34
53	Disulfide-Reduction-Triggered Spontaneous Photoblinking Cy5 Probe for Nanoscopic Imaging of Mitochondrial Dynamics in Live Cells. Analytical Chemistry, 2021, 93, 2596-2602.	3.2	6
54	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

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55	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
56	Biodegradable Selfâ€Assembled Ultrasmall Nanodots as Reactive Oxygen/Nitrogen Species Scavengers for Theranostic Application in Acute Kidney Injury. Small, 2021, 17, e2005113.	5.2	28
57	Super-resolution Microscopy for Biological Imaging. Advances in Experimental Medicine and Biology, 2021, 3233, 23-43.	0.8	9
58	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
59	MXene and black phosphorus based 2D nanomaterials in bioimaging and biosensing: progress and perspectives. Journal of Materials Chemistry B, 2021, 9, 5195-5220.	2.9	38
60	Spray-coated barrier coating on copper based on exfoliated vermiculite sheets. Materials Chemistry Frontiers, 2021, 5, 4658-4663.	3.2	7
61	Rational design of an oxygen-enriching nanoemulsion for enhanced near-infrared laser activatable photodynamic therapy against hypoxic tumors. Colloids and Surfaces B: Biointerfaces, 2021, 198, 111500.	2.5	10
62	Biodegradable Nanodots: Biodegradable Selfâ€Assembled Ultrasmall Nanodots as Reactive Oxygen/Nitrogen Species Scavengers for Theranostic Application in Acute Kidney Injury (Small 8/2021). Small, 2021, 17, 2170033.	5.2	1
63	Enhancement of Raman Scattering and Exciton/Trion Photoluminescence of Monolayer and Few-Layer MoS₂ by Ag Nanoprisms and Nanoparticles: Shape and Size Effects. Journal of Physical Chemistry C, 2021, 125, 4119-4132.	1.5	32
64	Current challenges and solutions of super-resolution structured illumination microscopy. APL Photonics, 2021, 6, .	3.0	15
65	Human serum albumin gradient in serous ovarian cancer cryosections measured by fluorescence lifetime. Biomedical Optics Express, 2021, 12, 1195.	1.5	6
66	InAs/InGaAs quantum dots confined by InAlAs barriers for enhanced room temperature light emission: Photoelectric properties and deep levels. Microelectronic Engineering, 2021, 238, 111514.	1.1	8
67	Lifetime Division Multiplexing by Multilevel Encryption Algorithm. ACS Nano, 2021, 15, 6257-6265.	7.3	16
68	Recent Advances in Perovskite Photodetectors for Image Sensing. Small, 2021, 17, e2005606.	5.2	111
69	Monitoring the extracellular matrix remodeling of highâ€grade serous ovarian cancer with nonlinear optical microscopy. Journal of Biophotonics, 2021, 14, e202000498.	1.1	3
70	Investigating tunneling nanotubes in ovarian cancer based on two-photon excitation FLIM-FRET. Biomedical Optics Express, 2021, 12, 1962.	1.5	4
71	Noninvasive and real-time monitoring of Au nanoparticle promoted cancer metastasis using in vivo flow cytometry. Biomedical Optics Express, 2021, 12, 1846.	1.5	5
72	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

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73	Enhancing Light and Xâ€Ray Charging in Persistent Luminescence Nanocrystals for Orthogonal Afterglow Antiâ€Counterfeiting. Advanced Functional Materials, 2021, 31, 2009920.	7.8	72
74	Emergent Field-Driven Robot Swarm States. Physical Review Letters, 2021, 126, 108002.	2.9	44
75	Real-Time Imaging of Short-Wave Infrared Luminescence Lifetimes for Anti-counterfeiting Applications. Frontiers in Chemistry, 2021, 9, 659553.	1.8	12
76	Shedding New Lights Into STED Microscopy: Emerging Nanoprobes for Imaging. Frontiers in Chemistry, 2021, 9, 641330.	1.8	7
77	Multi-enzyme mimetic ultrasmall iridium nanozymes as reactive oxygen/nitrogen species scavengers for acute kidney injury management. Biomaterials, 2021, 271, 120706.	5.7	78
78	Theoretical study of Raman scattering in MoS 2 x Se 2(1â€‰â^'â€‰ x) layered alloys. Journal of Raman Spectroscopy, 2021, 52, 1193-1205.	1.2	2
79	Nonlinear scanning structured illumination microscopy based on nonsinusoidal modulation. Journal of Innovative Optical Health Sciences, 2021, 14, .	0.5	11
80	Fast denoising and lossless spectrum extraction in stimulated Raman scattering microscopy. Journal of Biophotonics, 2021, 14, e202100080.	1.1	9
81	Deep Penetration Microscopic Imaging with Non-Diffracting Airy Beams. Membranes, 2021, 11, 391.	1.4	10
82	Nanosecond-order longâ€"short fluorescence lifetime switchable encryption with enlarged coding capacity. Nanophotonics, 2021, 10, 1889-1899.	2.9	2
83	Solventâ€Additive Engineeringâ€Assisted Improvement of Interface Contact for Producing Highly Efficient Inverted Perovskite Solar Cells. Solar Rrl, 2021, 5, 2100190.	3.1	13
84	Noval Dual-Emission Fluorescence Carbon Dots as a Ratiometric Probe for Cu2+ and ClOâ^' Detection. Nanomaterials, 2021, 11, 1232.	1.9	11
85	Low Threshold and Longâ€Range Propagation Plasmonic Nanolaser Enhanced by Black Phosphorus Nanosheets. Advanced Theory and Simulations, 2021, 4, 2100087.	1.3	0
86	CH3NH3PbI3 Perovskite/Silver Nanowire Complex with Higher Absorption and Stability. Journal of Electronic Materials, 2021, 50, 5177.	1.0	4
87	Doseâ€"effect relationships for PBM in the treatment of Alzheimerâ€™s disease. Journal Physics D: Applied Physics, 2021, 54, 353001.	1.3	8
88	Factors affecting the biological response of Graphene. Colloids and Surfaces B: Biointerfaces, 2021, 203, 111767.	2.5	7
89	Biomedical application of graphitic carbon nitrides: tissue deposition in vivo, induction of reactive oxygen species (ROS) and cell viability in tumor cells. Nanotechnology, 2021, 32, 435301.	1.3	5
90	2D van der Waals Heterojunction Nanophotonic Devices: From Fabrication to Performance. Advanced Functional Materials, 2021, 31, 2104260.	7.8	32

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91	Establishment of the fundamental phase-to-polarization link in classical optics. Fundamental Research, 2021, 1, 649-654.	1.6	6
92	Super-Resolution Image Reconstruction Based on Single-Molecule Localization Algorithm. Photonics, 2021, 8, 273.	0.9	4
93	Optical Imaging of Beta-Amyloid Plaques in Alzheimerâ€™s Disease. Biosensors, 2021, 11, 255.	2.3	10
94	Spin Hall effect of light based on a surface plasmonic platform. Nanophotonics, 2021, 10, 3031-3048.	2.9	28
95	Modeling very high electron heating by radio frequency waves on EAST. Nuclear Fusion, 2021, 61, 096026.	1.6	6
96	Trion Binding Energy Variation on Photoluminescence Excitation Energy and Power during Direct to Indirect Bandgap Crossover in Monolayer and Few-Layer MoS₂. Journal of Physical Chemistry C, 2021, 125, 17806-17819.	1.5	22
97	Prussian blue-based theranostics for ameliorating acute kidney injury. Journal of Nanobiotechnology, 2021, 19, 266.	4.2	32
98	Catalase Nanocrystals Loaded with Methylene Blue as Oxygen Selfâ€Supplied, Imagingâ€Guided Platform for Photodynamic Therapy of Hypoxic Tumors. Small, 2021, 17, e2103569.	5.2	34
99	Cdâ€free InP / ZnSeS quantum dots for ultrahighâ€resolution imaging of stimulated emission depletion. Journal of Biophotonics, 2021, 14, e202100230.	1.1	3
100	Nitric oxide release activated near-Infrared photothermal agent for synergistic tumor treatment. Biomaterials, 2021, 276, 121017.	5.7	44
101	Study on Aberration Correction of Adaptive Optics Based on Convolutional Neural Network. Photonics, 2021, 8, 377.	0.9	1
102	Super-Resolution Microscopy: Shedding New Light on In Vivo Imaging. Frontiers in Chemistry, 2021, 9, 746900.	1.8	18
103	Inorganic Nanomaterials with Intrinsic Singlet Oxygen Generation for Photodynamic Therapy. Advanced Science, 2021, 8, e2102587.	5.6	66
104	Low-Power Two-Color Stimulated Emission Depletion Microscopy for Live Cell Imaging. Biosensors, 2021, 11, 330.	2.3	6
105	Distinguishing Amyloid Î²-Protein in a Mouse Model of Alzheimerâ€™s Disease by Label-Free Vibrational Imaging. Biosensors, 2021, 11, 365.	2.3	6
106	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
107	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
108	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

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109	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
110	Review of Stimulated Raman Scattering Microscopy Techniques and Applications in the Biosciences. Advanced Biology, 2021, 5, e2000184.	1.4	45
111	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
112	Development of a hydrogen peroxide-responsive and oxygen-carrying nanoemulsion for photodynamic therapy against hypoxic tumors using phase inversion composition method. Journal of Innovative Optical Health Sciences, 2021, 14, .	0.5	10
113	Clinically translatable gold nanozymes with broad spectrum antioxidant and anti-inflammatory activity for alleviating acute kidney injury. Theranostics, 2021, 11, 9904-9917.	4.6	29
114	Catalase Nanocrystals Loaded with Methylene Blue as Oxygen Selfâ€Supplied, Imagingâ€Guided Platform for Photodynamic Therapy of Hypoxic Tumors (Small 41/2021). Small, 2021, 17, 2170216.	5.2	1
115	Responsive Carbonized Polymer Dots for Optical Super-resolution and Fluorescence Lifetime Imaging of Nucleic Acids in Living Cells. ACS Applied Materials & Interfaces, 2021, 13, 50733-50743.	4.0	18
116	Fluorescence lifetime imaging for studying DNA compaction and gene activities. Light: Science and Applications, 2021, 10, 224.	7.7	15
117	Effect of NIR light on the permeability of the blood-brain barriers in in vitro models. Biomedical Optics Express, 2021, 12, 7544.	1.5	10
118	Observations of intracellular second-harmonic generation imaging in black phosphorus nanosheets. Journal of Innovative Optical Health Sciences, 2021, 14, .	0.5	1
119	Investigation of apoptosis based on fluorescence lifetime imaging microscopy with a mitochondria-targeted viscosity probe. RSC Advances, 2021, 11, 38750-38758.	1.7	4
120	Nanodrug Transmembrane Transport Research Based on Fluorescence Correlation Spectroscopy. Membranes, 2021, 11, 891.	1.4	1
121	Fluorescence Lifetime Imaging Microscopy and its Biomedical Applications. , 2021, , .		0
122	High-Sensitive Surface Plasmon Resonance Imaging Biosensor Based on Dual-Wavelength Differential Method. Frontiers in Chemistry, 2021, 9, 801355.	1.8	10
123	Recent Progress in the Correlative Structured Illumination Microscopy. Chemosensors, 2021, 9, 364.	1.8	1
124	Activatable NIR-II Fluorescence Probe for Highly Sensitive and Selective Visualization of Glutathione In Vivo. Analytical Chemistry, 2021, 93, 17103-17109.	3.2	18
125	Discrimination of wet or dried arterial and venous blood for forensic applications via eosin fluorescence lifetime. Sensors and Actuators B: Chemical, 2020, 304, 127018.	4.0	3
126	Nanoliposomes Coâ€Encapsulating Photoswitchable Probe and Photosensitizer for Superâ€Resolution Optical Imaging and Photodynamic Therapy. Cytometry Part A: the Journal of the International Society for Analytical Cytology, 2020, 97, 54-60.	1.1	7

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127	Growth of Amorphous Passivation Layer Using Phenethylammonium Iodide for Highâ€Performance Inverted Perovskite Solar Cells. Solar Rrl, 2020, 4, 1900243.	3.1	43
128	Ultrasensitive Deep-Ultraviolet Surface Plasmon Resonance Sensors Using Aluminum-Graphene Metasurface: a Theoretical Insight. Plasmonics, 2020, 15, 135-143.	1.8	4
129	Designing Subâ€2â€…nm Organosilica Nanohybrids for Farâ€Field Superâ€Resolution Imaging. Angewandte Chemie, 2020, 132, 756-761.	1.6	3
130	Designing Subâ€2â€…nm Organosilica Nanohybrids for Farâ€Field Superâ€Resolution Imaging. Angewandte Chemie - International Edition, 2020, 59, 746-751.	7.2	19
131	Ultra-compact, low-loss terahertz waveguide based on graphene plasmonic technology. 2D Materials, 2020, 7, 015016.	2.0	24
132	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
133	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
134	Label-free whole-colony imaging and metabolic analysis of metastatic pancreatic cancer by an autoregulating flexible optical system. Theranostics, 2020, 10, 1849-1860.	4.6	30
135	Method to improve the tunable capacity of time-resolved encoding to a xanthene dye. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2020, 229, 117943.	2.0	0
136	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
137	Solo Smart Fluorogenic Probe for Potential Cancer Diagnosis and Tracking in Vivo Tumorous Lymphatic Systems via Distinct Emission Signals. Analytical Chemistry, 2020, 92, 1541-1548.	3.2	40
138	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
139	Cascade Reactions Catalyzed by Planar Metalâ€"Organic Framework Hybrid Architecture for Combined Cancer Therapy. Small, 2020, 16, e2004016.	5.2	64
140	Photoelectronic mechanism investigation of the structural transformation of CH₃NH₃PbI₃ perovskites from a subnanosheet to a microwire. Materials Advances, 2020, 1, 3208-3214.	2.6	0
141	Co-encapsulating indocyanine green and CT contrast agent within nanoliposomes for trimodal imaging and near infrared phototherapy of cancer. Nanomedicine: Nanotechnology, Biology, and Medicine, 2020, 29, 102269.	1.7	10
142	Reactive Oxygen Species Activatable Heterodimeric Prodrug as Tumor-Selective Nanotheranostics. ACS Nano, 2020, 14, 16875-16886.	7.3	45
143	Heterostructures in Two-Dimensional CdSe Nanoplatelets: Synthesis, Optical Properties, and Applications. Chemistry of Materials, 2020, 32, 9490-9507.	3.2	41
144	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

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145	Percolative polymer composites for dielectric capacitors: a brief history, materials, and multilayer interface design. Journal of Materials Chemistry A, 2020, 8, 18515-18537.	5.2	35
146	Mitochondrial dynamics quantitatively revealed by STED nanoscopy with an enhanced squaraine variant probe. Nature Communications, 2020, 11, 3699.	5.8	78
147	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
148	A dual mode nanophotonics concept for in situ activation of brain immune cells using a photoswitchable yolk-shell upconversion nanoformulation. Nanomedicine: Nanotechnology, Biology, and Medicine, 2020, 29, 102279.	1.7	7
149	Perfluoropolyether Nanoemulsion Encapsulating Chlorin e6 for Sonodynamic and Photodynamic Therapy of Hypoxic Tumor. Nanomaterials, 2020, 10, 2058.	1.9	21
150	Recent Advances in Self-Exciting Photodynamic Therapy. Frontiers in Bioengineering and Biotechnology, 2020, 8, 594491.	2.0	36
151	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
152	Soft-template assisted synthesis of hexagonal antimonene and bismuthene in colloidal solutions. Nanoscale, 2020, 12, 20945-20951.	2.8	22
153	Progress Report on Property, Preparation, and Application of Bi₂O₂Se. Advanced Functional Materials, 2020, 30, 2004480.	7.8	72
154	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
155	Ultrafast Yb-Doped Fiber Laser Using Few Layers of PdS2 Saturable Absorber. Nanomaterials, 2020, 10, 2441.	1.9	26
156	Super-resolution imaging of the dynamic cleavage of intercellular tunneling nanotubes. Frontiers of Optoelectronics, 2020, 13, 318-326.	1.9	2
157	Inhibiting tumor oxygen metabolism and simultaneously generating oxygen by intelligent upconversion nanotherapeutics for enhanced photodynamic therapy. Biomaterials, 2020, 251, 120088.	5.7	58
158	Dualâ€color <scp>STED</scp> superâ€resolution microscope using a single laser source. Journal of Biophotonics, 2020, 13, e202000057.	1.1	11
159	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
160	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
161	Defect levels and interface space charge area responsible for negative photovoltage component in InAs/GaAs quantum dot photodetector structure. Microelectronic Engineering, 2020, 230, 111367.	1.1	4
162	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

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163	Programmable NIRâ€Ⅱ Photothermalâ€Enhanced Starvationâ€Primed Chemodynamic Therapy using Glucose Oxidaseâ€Functionalized Ancient Pigment Nanosheets. Small, 2020, 16, e2001518.	5.2	150
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