

# Jun-le Qu

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

374  
papers

8,560  
citations

43  
h-index

78  
g-index

423  
ext. papers

11,415  
ext. citations

7.3  
avg, IF

6.73  
L-index

#	Paper	IF	Citations
374	Implementation of a fluorescence spatiotemporal modulation super-resolution microscope.. <i>Optics Letters</i> , <b>2022</b> , 47, 581-584	3	1
373	Degradable mesoporous semimetal antimony nanospheres for near-infrared II multimodal theranostics.. <i>Nature Communications</i> , <b>2022</b> , 13, 539	17.4	3
372	Mitochondrial structural variations in the process of mitophagy.. <i>Journal of Biophotonics</i> , <b>2022</b> , e202200006		
371	Aberration Correction to Optimize the Performance of Two-Photon Fluorescence Microscopy Using the Genetic Algorithm.. <i>Microscopy and Microanalysis</i> , <b>2022</b> , 1-7	0.5	1
370	Red and near infrared light-stimulated angiogenesis mediated via Ca influx, VEGF production and NO synthesis in endothelial cells in macrophage or malignant environments.. <i>Journal of Photochemistry and Photobiology B: Biology</i> , <b>2022</b> , 227, 112388	6.7	0
369	Polar Side Chains Enhance Selection of Semiconducting Single-Walled Carbon Nanotubes by Polymer Wrapping. <i>Macromolecules</i> , <b>2022</b> , 55, 1386-1397	5.5	1
368	Optothermophoretic flipping method for biomolecule interaction enhancement.. <i>Biosensors and Bioelectronics</i> , <b>2022</b> , 204, 114084	11.8	4
367	In vivo two-photon fluorescence lifetime imaging microendoscopy based on fiber-bundle.. <i>Optics Letters</i> , <b>2022</b> , 47, 2137-2140	3	2
366	Accurate evaluation of the treatment effects of immunotherapy on subcutaneous ovarian cancer in mice with nonlinear optical imaging and algorithmic analysis.. <i>Biomedical Optics Express</i> , <b>2022</b> , 13, 2266-2277	2.5	0
365	Robots as models of evolving systems.. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2022</b> , 119, e2120019119	11.5	3
364	Deep learning autofluorescence-harmonic microscopy.. <i>Light: Science and Applications</i> , <b>2022</b> , 11, 76	16.7	4
363	Plasmonic enhancement of exciton and trion photoluminescence in 2D MoS2 decorated with Au nanorods: Impact of nonspherical shape. <i>Physica E: Low-Dimensional Systems and Nanostructures</i> , <b>2022</b> , 140, 115213	3	1
362	Nanorefrigerative tweezers for optofluidic manipulation. <i>Applied Physics Letters</i> , <b>2022</b> , 120, 163701	3.4	2
361	Multi-Color Two-Photon Microscopic Imaging Based on a Single-Wavelength Excitation. <i>Biosensors</i> , <b>2022</b> , 12, 307	5.9	0
360	NIR-II J-Aggregated Pt(II)-Porphyrin-Based Phosphorescent Probe for Tumor-Hypoxia Imaging.. <i>Advanced Healthcare Materials</i> , <b>2022</b> , e2200467	10.1	4
359	High-Sensitive Surface Plasmon Resonance Imaging Biosensor Based on Dual-Wavelength Differential Method.. <i>Frontiers in Chemistry</i> , <b>2021</b> , 9, 801355	5	0
358	Development of a hydrogen peroxide-responsive and oxygen-carrying nanoemulsion for photodynamic therapy against hypoxic tumors using phase inversion composition method. <i>Journal of Innovative Optical Health Sciences</i> , <b>2021</b> , 14, 2150003	1.2	4

357	Fluorescence lifetime imaging for studying DNA compaction and gene activities. <i>Light: Science and Applications</i> , <b>2021</b> , 10, 224	16.7	3
356	Effect of NIR light on the permeability of the blood-brain barriers in models.. <i>Biomedical Optics Express</i> , <b>2021</b> , 12, 7544-7555	3.5	1
355	Observations of intracellular second-harmonic generation imaging in black phosphorus nanosheets. <i>Journal of Innovative Optical Health Sciences</i> , <b>2021</b> , 14, 2041006	1.2	
354	Investigation of apoptosis based on fluorescence lifetime imaging microscopy with a mitochondria-targeted viscosity probe.. <i>RSC Advances</i> , <b>2021</b> , 11, 38750-38758	3.7	0
353	Clinically translatable gold nanozymes with broad spectrum antioxidant and anti-inflammatory activity for alleviating acute kidney injury. <i>Theranostics</i> , <b>2021</b> , 11, 9904-9917	12.1	3
352	Catalase Nanocrystals Loaded with Methylene Blue as Oxygen Self-Supplied, Imaging-Guided Platform for Photodynamic Therapy of Hypoxic Tumors (Small 41/2021). <i>Small</i> , <b>2021</b> , 17, 2170216	11	0
351	Influence of anharmonicity and interlayer interaction on Raman spectra in mono- and few-layer MoS <sub>2</sub> : A computational study. <i>Physica E: Low-Dimensional Systems and Nanostructures</i> , <b>2021</b> , 136, 114999 <sup>3</sup>		2
350	Responsive Carbonized Polymer Dots for Optical Super-resolution and Fluorescence Lifetime Imaging of Nucleic Acids in Living Cells. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2021</b> , 13, 50733-50743	9.5	2
349	Synergistic interventional photothermal therapy and immunotherapy using an iron oxide nanoplatforam for the treatment of pancreatic cancer. <i>Acta Biomaterialia</i> , <b>2021</b> ,	10.8	6
348	Recent progress of electronic materials based on 2,1,3-benzothiadiazole and its derivatives: synthesis and their application in organic light-emitting diodes. <i>Science China Chemistry</i> , <b>2021</b> , 64, 341-357 <sup>9</sup>	7.9	11
347	Noninvasive and real-time monitoring of Au nanoparticle promoted cancer metastasis using in vivo flow cytometry. <i>Biomedical Optics Express</i> , <b>2021</b> , 12, 1846-1857	3.5	0
346	Antimony Nanopolyhedrons with Tunable Localized Surface Plasmon Resonances for Highly Effective Photoacoustic-Imaging-Guided Synergistic Photothermal/Immunotherapy. <i>Advanced Materials</i> , <b>2021</b> , 33, e2100039	24	15
345	Enhancing Light and X-Ray Charging in Persistent Luminescence Nanocrystals for Orthogonal Afterglow Anti-Counterfeiting. <i>Advanced Functional Materials</i> , <b>2021</b> , 31, 2009920	15.6	21
344	Emergent Field-Driven Robot Swarm States. <i>Physical Review Letters</i> , <b>2021</b> , 126, 108002	7.4	10
343	Real-Time Imaging of Short-Wave Infrared Luminescence Lifetimes for Anti-counterfeiting Applications. <i>Frontiers in Chemistry</i> , <b>2021</b> , 9, 659553	5	2
342	Shedding New Lights Into STED Microscopy: Emerging Nanoprobes for Imaging. <i>Frontiers in Chemistry</i> , <b>2021</b> , 9, 641330	5	3
341	Multi-enzyme mimetic ultrasmall iridium nanozymes as reactive oxygen/nitrogen species scavengers for acute kidney injury management. <i>Biomaterials</i> , <b>2021</b> , 271, 120706	15.6	20
340	Theoretical study of Raman scattering in MoS <sub>2</sub> xSe <sub>2</sub> (1-x) layered alloys. <i>Journal of Raman Spectroscopy</i> , <b>2021</b> , 52, 1193-1205	2.3	2

339	Fast denoising and lossless spectrum extraction in stimulated Raman scattering microscopy. <i>Journal of Biophotonics</i> , <b>2021</b> , 14, e202100080	3.1	5
338	Deep Penetration Microscopic Imaging with Non-Diffracting Airy Beams. <i>Membranes</i> , <b>2021</b> , 11,	3.8	2
337	Nanosecond-order long-short fluorescence lifetime switchable encryption with enlarged coding capacity. <i>Nanophotonics</i> , <b>2021</b> , 10, 1889-1899	6.3	1
336	Solvent-Additive Engineering-Assisted Improvement of Interface Contact for Producing Highly Efficient Inverted Perovskite Solar Cells. <i>Solar Rrl</i> , <b>2021</b> , 5, 2100190	7.1	4
335	Noval Dual-Emission Fluorescence Carbon Dots as a Ratiometric Probe for Cu and ClO Detection. <i>Nanomaterials</i> , <b>2021</b> , 11,	5.4	4
334	Low Threshold and Long-Range Propagation Plasmonic Nanolaser Enhanced by Black Phosphorus Nanosheets. <i>Advanced Theory and Simulations</i> , <b>2021</b> , 4, 2100087	3.5	
333	CH <sub>3</sub> NH <sub>3</sub> PbI <sub>3</sub> Perovskite/Silver Nanowire Complex with Higher Absorption and Stability. <i>Journal of Electronic Materials</i> , <b>2021</b> , 50, 5177	1.9	1
332	Dose-effect relationships for PBM in the treatment of Alzheimer's disease. <i>Journal Physics D: Applied Physics</i> , <b>2021</b> , 54, 353001	3	2
331	Factors affecting the biological response of Graphene. <i>Colloids and Surfaces B: Biointerfaces</i> , <b>2021</b> , 203, 111767	6	3
330	Biomedical application of graphitic carbon nitrides: tissue deposition, induction of reactive oxygen species (ROS) and cell viability in tumor cells. <i>Nanotechnology</i> , <b>2021</b> , 32,	3.4	2
329	Cancer nanotheranostics in the second near-infrared window. <i>View</i> , <b>2021</b> , 2, 20200075	7.8	17
328	2-Methylimidazole-modulated UiO-66 as an effective photocatalyst to degrade Rhodamine B under visible light. <i>Journal of Materials Science</i> , <b>2021</b> , 56, 1577-1589	4.3	3
327	An all-graphene quantum dot Förster resonance energy transfer (FRET) probe for ratiometric detection of HE4 ovarian cancer biomarker. <i>Colloids and Surfaces B: Biointerfaces</i> , <b>2021</b> , 198, 111458	6	10
326	Red and near-infrared light evokes Ca influx, endoplasmic reticulum release and membrane depolarization in neurons and cancer cells. <i>Journal of Photochemistry and Photobiology B: Biology</i> , <b>2021</b> , 214, 112088	6.7	13
325	Conjugated polyelectrolyte doped perovskite films with enhanced photovoltaic performance and stability. <i>Chemical Engineering Journal</i> , <b>2021</b> , 417, 128068	14.7	3
324	Ultrafast Surface Plasmon Resonance Imaging Sensor via the High-Precision Four-Parameter-Based Spectral Curve Readjusting Method. <i>Analytical Chemistry</i> , <b>2021</b> , 93, 828-833	7.8	6
323	Improving the image quality in STED nanoscopy using frequency spectrum modulation. <i>Journal of Biophotonics</i> , <b>2021</b> , 14, e202000402	3.1	2
322	Photo-activated chemo-immunotherapy for metastatic cancer using a synergistic graphene nanosystem. <i>Biomaterials</i> , <b>2021</b> , 265, 120421	15.6	33

321	Gas-Liquid-Solid Triphase Interfacial Chemical Reactions Associated with Gas Wettability. <i>Advanced Materials Interfaces</i> , <b>2021</b> , 8, 2001636	4.6	6
320	AIE-active two-photon fluorescent nanoprobe with NIR-II light excitability for highly efficient deep brain vasculature imaging. <i>Theranostics</i> , <b>2021</b> , 11, 2137-2148	12.1	10
319	Disulfide-Reduction-Triggered Spontaneous Photoblinking Cy5 Probe for Nanoscopic Imaging of Mitochondrial Dynamics in Live Cells. <i>Analytical Chemistry</i> , <b>2021</b> , 93, 2596-2602	7.8	1
318	Novel fluorescent probes based on nitrogen-sulfur co-doped carbon dots for chromium ion detection. <i>New Journal of Chemistry</i> , <b>2021</b> , 45, 4828-4834	3.6	2
317	Optoelectronic devices based on the integration of halide perovskites with silicon-based materials. <i>Journal of Materials Chemistry A</i> , <b>2021</b> , 9, 20919-20940	13	0
316	Biodegradable Self-Assembled Ultrasmall Nanodots as Reactive Oxygen/Nitrogen Species Scavengers for Theranostic Application in Acute Kidney Injury. <i>Small</i> , <b>2021</b> , 17, e2005113	11	12
315	Super-resolution Microscopy for Biological Imaging. <i>Advances in Experimental Medicine and Biology</i> , <b>2021</b> , 3233, 23-43	3.6	1
314	Comparison of surface-passivation ability of the BAI salt and its induced 2D perovskite for high-performance inverted perovskite solar cells.. <i>RSC Advances</i> , <b>2021</b> , 11, 23249-23258	3.7	3
313	MXene and black phosphorus based 2D nanomaterials in bioimaging and biosensing: progress and perspectives. <i>Journal of Materials Chemistry B</i> , <b>2021</b> , 9, 5195-5220	7.3	7
312	Spray-coated barrier coating on copper based on exfoliated vermiculite sheets. <i>Materials Chemistry Frontiers</i> , <b>2021</b> , 5, 4658-4663	7.8	3
311	Rational design of an oxygen-enriching nanoemulsion for enhanced near-infrared laser activatable photodynamic therapy against hypoxic tumors. <i>Colloids and Surfaces B: Biointerfaces</i> , <b>2021</b> , 198, 111500 <sup>6</sup>	6	4
310	Biodegradable Nanodots: Biodegradable Self-Assembled Ultrasmall Nanodots as Reactive Oxygen/Nitrogen Species Scavengers for Theranostic Application in Acute Kidney Injury (Small 8/2021). <i>Small</i> , <b>2021</b> , 17, 2170033	11	0
309	Enhancement of Raman Scattering and Exciton/Trion Photoluminescence of Monolayer and Few-Layer MoS <sub>2</sub> by Ag Nanoprisms and Nanoparticles: Shape and Size Effects. <i>Journal of Physical Chemistry C</i> , <b>2021</b> , 125, 4119-4132	3.8	13
308	Current challenges and solutions of super-resolution structured illumination microscopy. <i>APL Photonics</i> , <b>2021</b> , 6, 020901	5.2	5
307	Human serum albumin gradient in serous ovarian cancer cryosections measured by fluorescence lifetime. <i>Biomedical Optics Express</i> , <b>2021</b> , 12, 1195-1204	3.5	3
306	InAs/InGaAs quantum dots confined by InAlAs barriers for enhanced room temperature light emission: Photoelectric properties and deep levels. <i>Microelectronic Engineering</i> , <b>2021</b> , 238, 111514	2.5	3
305	Lifetime Division Multiplexing by Multilevel Encryption Algorithm. <i>ACS Nano</i> , <b>2021</b> , 15, 6257-6265	16.7	2
304	Recent Advances in Perovskite Photodetectors for Image Sensing. <i>Small</i> , <b>2021</b> , 17, e2005606	11	34

303	Monitoring the extracellular matrix remodeling of high-grade serous ovarian cancer with nonlinear optical microscopy. <i>Journal of Biophotonics</i> , <b>2021</b> , 14, e202000498	3.1	1
302	Investigating tunneling nanotubes in ovarian cancer based on two-photon excitation FLIM-FRET. <i>Biomedical Optics Express</i> , <b>2021</b> , 12, 1962-1973	3.5	2
301	Super-Resolution Image Reconstruction Based on Single-Molecule Localization Algorithm. <i>Photonics</i> , <b>2021</b> , 8, 273	2.2	1
300	Spin Hall effect of light based on a surface plasmonic platform. <i>Nanophotonics</i> , <b>2021</b> , 10, 3031-3048	6.3	5
299	Modeling very high electron heating by radio frequency waves on EAST. <i>Nuclear Fusion</i> , <b>2021</b> , 61, 096026	6.3	0
298	Trion Binding Energy Variation on Photoluminescence Excitation Energy and Power during Direct to Indirect Bandgap Crossover in Monolayer and Few-Layer MoS <sub>2</sub> . <i>Journal of Physical Chemistry C</i> , <b>2021</b> , 125, 17806-17819	3.8	3
297	Prussian blue-based theranostics for ameliorating acute kidney injury. <i>Journal of Nanobiotechnology</i> , <b>2021</b> , 19, 266	9.4	8
296	Catalase Nanocrystals Loaded with Methylene Blue as Oxygen Self-Supplied, Imaging-Guided Platform for Photodynamic Therapy of Hypoxic Tumors. <i>Small</i> , <b>2021</b> , 17, e2103569	11	9
295	Cd-free InP/ZnSeS quantum dots for ultrahigh-resolution imaging of stimulated emission depletion. <i>Journal of Biophotonics</i> , <b>2021</b> , 14, e202100230	3.1	0
294	Nitric oxide release activated near-Infrared photothermal agent for synergistic tumor treatment. <i>Biomaterials</i> , <b>2021</b> , 276, 121017	15.6	12
293	Study on Aberration Correction of Adaptive Optics Based on Convolutional Neural Network. <i>Photonics</i> , <b>2021</b> , 8, 377	2.2	0
292	Super-Resolution Microscopy: Shedding New Light on Imaging. <i>Frontiers in Chemistry</i> , <b>2021</b> , 9, 746900	5	3
291	Inorganic Nanomaterials with Intrinsic Singlet Oxygen Generation for Photodynamic Therapy. <i>Advanced Science</i> , <b>2021</b> , 8, e2102587	13.6	11
290	Low-Power Two-Color Stimulated Emission Depletion Microscopy for Live Cell Imaging. <i>Biosensors</i> , <b>2021</b> , 11,	5.9	1
289	Macrophages Modulated by Red/NIR Light: Phagocytosis, Cytokines, Mitochondrial Activity, Ca Influx, Membrane Depolarization and Viability. <i>Photochemistry and Photobiology</i> , <b>2021</b> ,	3.6	2
288	Blue OLEDs with narrow bandwidth using CF <sub>3</sub> substituted bis((carbazol-9-yl)phenyl)amines as emitters: Structural regulation of linker between donor and acceptor in chromophores. <i>Dyes and Pigments</i> , <b>2021</b> , 194, 109627	4.6	1
287	Bi <sub>2</sub> O <sub>2</sub> Se nanosheets/reduced graphene oxide composites for all-solid-state flexible asymmetric supercapacitors with enhanced stability. <i>Journal of Solid State Chemistry</i> , <b>2021</b> , 303, 122487	3.3	1
286	High-Efficiency All-Polymer Solar Cells with Poly-Small-Molecule Acceptors Having Extended Units with Broad Near-IR Absorption. <i>ACS Energy Letters</i> , <b>2021</b> , 6, 728-738	20.1	35

285	Facile one-pot solvothermal preparation of two-dimensional Ni-based metal-organic framework microsheets as a high-performance supercapacitor material.. <i>RSC Advances</i> , <b>2021</b> , 11, 8362-8366	3.7	0
284	Review of Stimulated Raman Scattering Microscopy Techniques and Applications in the Biosciences. <i>Advanced Biology</i> , <b>2021</b> , 5, e2000184		17
283	Recent Progress in the Correlative Structured Illumination Microscopy. <i>Chemosensors</i> , <b>2021</b> , 9, 364	4	0
282	Super-Multiplex Nonlinear Optical Imaging Unscrambles the Statistical Complexity of Cancer Subtypes and Tumor Microenvironment.. <i>Advanced Science</i> , <b>2021</b> , e2104379	13.6	2
281	Activatable NIR-II Fluorescence Probe for Highly Sensitive and Selective Visualization of Glutathione .. <i>Analytical Chemistry</i> , <b>2021</b> , 93, 17103-17109	7.8	5
280	Super-resolution imaging of the dynamic cleavage of intercellular tunneling nanotubes. <i>Frontiers of Optoelectronics</i> , <b>2020</b> , 13, 318-326	2.8	0
279	Inhibiting tumor oxygen metabolism and simultaneously generating oxygen by intelligent upconversion nanotherapeutics for enhanced photodynamic therapy. <i>Biomaterials</i> , <b>2020</b> , 251, 120088	15.6	33
278	Dual-color STED super-resolution microscope using a single laser source. <i>Journal of Biophotonics</i> , <b>2020</b> , 13, e202000057	3.1	5
277	Monitoring the Cellular Delivery of Doxorubicin-Cu Complexes in Cells by Fluorescence Lifetime Imaging Microscopy. <i>Journal of Physical Chemistry A</i> , <b>2020</b> , 124, 4235-4240	2.8	4
276	A linear conjugated tetramer as a surface-modification layer to increase perovskite solar cell performance and stability. <i>Journal of Materials Chemistry A</i> , <b>2020</b> , 8, 11728-11733	13	13
275	Defect levels and interface space charge area responsible for negative photovoltage component in InAs/GaAs quantum dot photodetector structure. <i>Microelectronic Engineering</i> , <b>2020</b> , 230, 111367	2.5	3
274	Efficient Surface Passivation and Electron Transport Enable Low Temperature-Processed Inverted Perovskite Solar Cells with Efficiency over 20%. <i>ACS Sustainable Chemistry and Engineering</i> , <b>2020</b> , 8, 8848-8856	8.2	6
273	Programmable NIR-II Photothermal-Enhanced Starvation-Primed Chemodynamic Therapy using Glucose Oxidase-Functionalized Ancient Pigment Nanosheets. <i>Small</i> , <b>2020</b> , 16, e2001518	11	83
272	Programming cell pyroptosis with biomimetic nanoparticles for solid tumor immunotherapy. <i>Biomaterials</i> , <b>2020</b> , 254, 120142	15.6	73
271	Novel fluorescence probe based on bright emitted carbon dots for ClO detection in real water samples and living cells. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , <b>2020</b> , 240, 118592	4.4	9
270	Laser-Induced Periodic Ag Surface Structure with Au Nanorods Plasmonic Nanocavity Metasurface for Strong Enhancement of Adenosine Nucleotide Label-Free Photoluminescence Imaging. <i>ACS Omega</i> , <b>2020</b> , 5, 14030-14039	3.9	7
269	Large-scale synthesis of cesium lead halide perovskite nanocrystals for zinc ion detection. <i>Journal of Nanoparticle Research</i> , <b>2020</b> , 22, 1	2.3	3
268	Nucleolus-Targeted Photodynamic Anticancer Therapy Using Renal-Clearable Carbon Dots. <i>Advanced Healthcare Materials</i> , <b>2020</b> , 9, e2000607	10.1	29

267	An in vitro tumor swamp model of heterogeneous cellular and chemotherapeutic landscapes. <i>Lab on A Chip</i> , <b>2020</b> , 20, 2453-2464	7.2	3
266	Ultrasensitive Surface Plasmon Resonance Biosensor Using Blue Phosphorus-Graphene Architecture. <i>Sensors</i> , <b>2020</b> , 20,	3.8	3
265	Photoelectric and deep level study of metamorphic InAs/InGaAs quantum dots with GaAs confining barriers for photoluminescence enhancement. <i>Semiconductor Science and Technology</i> , <b>2020</b> , 35, 095022	1.8	2
264	Bifunctional Effects of Trichloro(octyl)silane Modification on the Performance and Stability of a Perovskite Solar Cell via Microscopic Characterization Techniques. <i>ACS Applied Energy Materials</i> , <b>2020</b> , 3, 3302-3309	6.1	6
263	STORM imaging of mitochondrial dynamics using a vicinal-dithiol-proteins-targeted probe. <i>Biomaterials</i> , <b>2020</b> , 243, 119938	15.6	7
262	Exciton and trion in few-layer MoS <sub>2</sub> : Thickness- and temperature-dependent photoluminescence. <i>Applied Surface Science</i> , <b>2020</b> , 515, 146033	6.7	26
261	Gold Nanoparticle Self-Aggregation on Surface with 1,6-Hexanedithiol Functionalization. <i>Nanomaterials</i> , <b>2020</b> , 10,	5.4	2
260	Achieving high-resolution of 21 nm for STED nanoscopy assisted by CdSe@ZnS quantum dots. <i>Applied Physics Letters</i> , <b>2020</b> , 116, 041101	3.4	8
259	Near-infrared lateral photoresponse in InGaAs/GaAs quantum dots. <i>Semiconductor Science and Technology</i> , <b>2020</b> , 35, 055029	1.8	11
258	Long-wavelength excitation of carbon dots as the probe for real-time imaging of the living-cell cycle process. <i>Sensors and Actuators B: Chemical</i> , <b>2020</b> , 311, 127891	8.5	10
257	Nonlinear Spectral-Imaging Study of Second- and Third-Harmonic Enhancements by Surface-Lattice Resonances. <i>Advanced Optical Materials</i> , <b>2020</b> , 8, 1901981	8.1	6
256	Enhancing Performance of Fused-Ring Electron Acceptor Using Pyrrole Instead of Thiophene. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2020</b> , 12, 14029-14036	9.5	18
255	Noninvasive Temperature Measurement in Dental Materials Using Nd <sup>3+</sup> , Yb <sup>3+</sup> Doped Nanoparticles Emitting in the Near Infrared Region. <i>Particle and Particle Systems Characterization</i> , <b>2020</b> , 37, 1900445	3.1	10
254	Virus-Inspired Deformable Mesoporous Nanocomposites for High Efficiency Drug Delivery. <i>Small</i> , <b>2020</b> , 16, e1906028	11	5
253	Elimination of Re-excitation in Stimulated Emission Depletion Nanoscopy Based on Photon Extraction in a Phasor Plot. <i>Laser and Photonics Reviews</i> , <b>2020</b> , 14, 1900352	8.3	4
252	Circulating microRNA profiles based on direct S-Poly(T)Plus assay for detection of coronary heart disease. <i>Journal of Cellular and Molecular Medicine</i> , <b>2020</b> , 24, 5984-5997	5.6	8
251	Immunologically modified MnFeO nanoparticles to synergize photothermal therapy and immunotherapy for cancer treatment. <i>Chemical Engineering Journal</i> , <b>2020</b> , 396, 125239-125239	14.7	28
250	Monitoring the endocytosis of bovine serum albumin based on the fluorescence lifetime of small squaraine dye in living cells. <i>Biomedical Optics Express</i> , <b>2020</b> , 11, 149-159	3.5	6



249	Photoacoustic visualization of the fluence rate dependence of photodynamic therapy. <i>Biomedical Optics Express</i> , <b>2020</b> , 11, 4203-4223	3.5	5
248	Virtual single-pixel imaging-based deconvolution method for spatial resolution improvement in wide-field fluorescence microscopy. <i>Biomedical Optics Express</i> , <b>2020</b> , 11, 3648-3658	3.5	3
247	Ultralow power demand in fluorescence nanoscopy with digitally enhanced stimulated emission depletion. <i>Nanophotonics</i> , <b>2020</b> , 9, 831-839	6.3	7
246	Study on a novel probe for stimulated emission depletion Super-resolution Imaging of Mitochondria. <i>Wuli Xuebao/Acta Physica Sinica</i> , <b>2020</b> , 69, 168702	0.6	
245	Phasor analysis of fluorescence lifetime data and its application. <i>Wuli Xuebao/Acta Physica Sinica</i> , <b>2020</b> , 69, 168703	0.6	0
244	Recent advances in nonlinear optics for bio-imaging applications. <i>Opto-Electronic Advances</i> , <b>2020</b> , 3, 200003-200003	0.3	208003
243	Coherent Anti-Stokes Raman Scattering Microscopy and Its Applications. <i>Frontiers in Physics</i> , <b>2020</b> , 8,	3.9	5
242	ICT and AIE Characteristics Two Cyano-Functionalized Probes and Their Photophysical Properties, DFT Calculations, Cytotoxicity, and Cell Imaging Applications. <i>Molecules</i> , <b>2020</b> , 25,	4.8	8
241	Tumor pH-responsive metastable-phase manganese sulfide nanotheranostics for traceable hydrogen sulfide gas therapy primed chemodynamic therapy. <i>Theranostics</i> , <b>2020</b> , 10, 2453-2462	12.1	67
240	New advances in the research of stimulated emission depletion super-resolution microscopy. <i>Wuli Xuebao/Acta Physica Sinica</i> , <b>2020</b> , 69, 108702	0.6	1
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