

Jun-le Qu

List of Publications by Citations

Source: <https://exaly.com/author-pdf/1357168/jun-le-qu-publications-by-citations.pdf>

Version: 2024-04-27

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

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	Crucial breakthrough of second near-infrared biological window fluorophores: design and synthesis toward multimodal imaging and theranostics. <i>Chemical Society Reviews</i> , 2018 , 47, 4258-4278	58.5	451
373	Glucose-Responsive Sequential Generation of Hydrogen Peroxide and Nitric Oxide for Synergistic Cancer Starving-Like/Gas Therapy. <i>Angewandte Chemie - International Edition</i> , 2017 , 56, 1229-1233	16.4	367
372	Fluorescence ratiometry and fluorescence lifetime imaging: using a single molecular sensor for dual mode imaging of cellular viscosity. <i>Journal of the American Chemical Society</i> , 2011 , 133, 6626-35	16.4	311
371	Ultrathin 2D Nonlayered Tellurium Nanosheets: Facile Liquid-Phase Exfoliation, Characterization, and Photoresponse with High Performance and Enhanced Stability. <i>Advanced Functional Materials</i> , 2018 , 28, 1705833	15.6	277
370	Nanocarbons for Biology and Medicine: Sensing, Imaging, and Drug Delivery. <i>Chemical Reviews</i> , 2019 , 119, 9559-9656	68.1	219
369	Precise Two-Photon Photodynamic Therapy using an Efficient Photosensitizer with Aggregation-Induced Emission Characteristics. <i>Advanced Materials</i> , 2017 , 29, 1701076	24	204
368	Sensitivity Enhancement of Transition Metal Dichalcogenides/Silicon Nanostructure-based Surface Plasmon Resonance Biosensor. <i>Scientific Reports</i> , 2016 , 6, 28190	4.9	198
367	Biocompatible and biodegradable inorganic nanostructures for nanomedicine: Silicon and black phosphorus. <i>Nano Today</i> , 2019 , 25, 135-155	17.9	189
366	Oriented collagen fibers direct tumor cell intravasation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016 , 113, 11208-11213	11.5	176
365	Biodegradable Manganese-Doped Calcium Phosphate Nanotheranostics for Traceable Cascade Reaction-Enhanced Anti-Tumor Therapy. <i>ACS Nano</i> , 2019 , 13, 13985-13994	16.7	162
364	Core-Satellite Polydopamine-Gadolinium-Metallofullerene Nanotheranostics for Multimodal Imaging Guided Combination Cancer Therapy. <i>Advanced Materials</i> , 2017 , 29, 1701013	24	146
363	Super-resolution fluorescent materials: an insight into design and bioimaging applications. <i>Chemical Society Reviews</i> , 2016 , 45, 4651-67	58.5	139
362	NIR-Triggered Phototherapy and Immunotherapy via an Antigen-Capturing Nanoplatfrom for Metastatic Cancer Treatment. <i>Advanced Science</i> , 2019 , 6, 1802157	13.6	137
361	Enhanced Afterglow Performance of Persistent Luminescence Implants for Efficient Repeatable Photodynamic Therapy. <i>ACS Nano</i> , 2017 , 11, 5864-5872	16.7	105
360	Near-Infrared Emitting Materials via Harvesting Triplet Excitons: Molecular Design, Properties, and Application in Organic Light Emitting Diodes. <i>Advanced Optical Materials</i> , 2018 , 6, 1800466	8.1	92
359	High Affinity to Skeleton Rare Earth Doped Nanoparticles for Near-Infrared II Imaging. <i>Nano Letters</i> , 2019 , 19, 2985-2992	11.5	84
358	Recent advances in surface plasmon resonance imaging: detection speed, sensitivity, and portability. <i>Nanophotonics</i> , 2017 , 6, 1017-1030	6.3	84

357	Programmable NIR-II Photothermal-Enhanced Starvation-Primed Chemodynamic Therapy using Glucose Oxidase-Functionalized Ancient Pigment Nanosheets. <i>Small</i> , 2020 , 16, e2001518	11	83
356	High-sensitivity strain sensor based on in-fiber rectangular air bubble. <i>Scientific Reports</i> , 2015 , 5, 7624	4.9	81
355	BSA-bioinspired gold nanorods loaded with immunoadjuvant for the treatment of melanoma by combined photothermal therapy and immunotherapy. <i>Nanoscale</i> , 2018 , 10, 21640-21647	7.7	80
354	Interfacial Passivation of the p-Doped Hole-Transporting Layer Using General Insulating Polymers for High-Performance Inverted Perovskite Solar Cells. <i>Small</i> , 2018 , 14, e1704007	11	77
353	Antimonene: From Experimental Preparation to Practical Application. <i>Angewandte Chemie - International Edition</i> , 2019 , 58, 1574-1584	16.4	76
352	Programming cell pyroptosis with biomimetic nanoparticles for solid tumor immunotherapy. <i>Biomaterials</i> , 2020 , 254, 120142	15.6	73
351	Optical windows for head tissues in near-infrared and short-wave infrared regions: Approaching transcranial light applications. <i>Journal of Biophotonics</i> , 2018 , 11, e201800141	3.1	73
350	Bandgap-Tunable Preparation of Smooth and Large Two-Dimensional Antimonene. <i>Angewandte Chemie - International Edition</i> , 2018 , 57, 8668-8673	16.4	71
349	Tumor pH-responsive metastable-phase manganese sulfide nanotheranostics for traceable hydrogen sulfide gas therapy primed chemodynamic therapy. <i>Theranostics</i> , 2020 , 10, 2453-2462	12.1	67
348	Two-Dimensional Transition Metal Dichalcogenide Enhanced Phase-Sensitive Plasmonic Biosensors: Theoretical Insight. <i>Journal of Physical Chemistry C</i> , 2017 , 121, 6282-6289	3.8	63
347	A simple Schiff base as dual-responsive fluorescent sensor for bioimaging recognition of Zn and Al in living cells. <i>Journal of Materials Chemistry B</i> , 2018 , 6, 5435-5442	7.3	62
346	Dual mode monitoring probe for mitochondrial viscosity in single cell. <i>Sensors and Actuators B: Chemical</i> , 2014 , 190, 685-693	8.5	62
345	Nanomaterial designing strategies related to cell lysosome and their biomedical applications: A review. <i>Biomaterials</i> , 2019 , 211, 25-47	15.6	57
344	Mulberry fruit prevents LPS-induced NF- κ B/pERK/MAPK signals in macrophages and suppresses acute colitis and colorectal tumorigenesis in mice. <i>Scientific Reports</i> , 2015 , 5, 17348	4.9	55
343	All-inorganic CsPbBr perovskite quantum dots embedded in dual-mesoporous silica with moisture resistance for two-photon-pumped plasmonic nanoLasers. <i>Nanoscale</i> , 2018 , 10, 6704-6711	7.7	53
342	General Nondestructive Passivation by 4-Fluoroaniline for Perovskite Solar Cells with Improved Performance and Stability. <i>Small</i> , 2018 , 14, e1803350	11	52
341	Fluorescent Probes for Nanoscopic Imaging of Mitochondria. <i>CheM</i> , 2019 , 5, 1697-1726	16.2	51
340	The design of room-temperature-phosphorescent carbon dots and their application as a security ink. <i>Journal of Materials Chemistry C</i> , 2019 , 7, 10605-10612	7.1	51

339	Highly anisotropic black phosphorous-graphene hybrid architecture for ultrasensitive plasmonic biosensing: Theoretical insight. <i>2D Materials</i> , 2018 , 5, 025015	5.9	49
338	Enhanced photoluminescence of CsPbBr ₃ @Ag hybrid perovskite quantum dots. <i>Journal of Materials Chemistry C</i> , 2017 , 5, 8187-8193	7.1	49
337	Low-Saturation-Intensity, High-Photostability, and High-Resolution STED Nanoscopy Assisted by CsPbBr ₃ Quantum Dots. <i>Advanced Materials</i> , 2018 , 30, e1800167	24	47
336	Functionalized gold nanorods for nanomedicine: Past, present and future. <i>Coordination Chemistry Reviews</i> , 2017 , 352, 15-66	23.2	47
335	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. <i>Nano Energy</i> , 2018 , 45, 471-479	17.1	46
334	Efficient Erbium-Sensitized Core/Shell Nanocrystals for Short Wave Infrared Bioimaging. <i>Advanced Optical Materials</i> , 2018 , 6, 1800690	8.1	46
333	Tuning upconversion through a sensitizer/activator-isolated NaYF ₄ core/shell structure. <i>Nanoscale</i> , 2015 , 7, 3976-84	7.7	45
332	Glucose-Responsive Sequential Generation of Hydrogen Peroxide and Nitric Oxide for Synergistic Cancer Starving-Like/Gas Therapy. <i>Angewandte Chemie</i> , 2017 , 129, 1249-1253	3.6	43
331	Study on the effects of catalysts on the immobilization efficiency and mechanism of heavy metals during the microwave pyrolysis of sludge. <i>Waste Management</i> , 2018 , 77, 131-139	8.6	42
330	A BODIPY-based two-photon fluorescent probe validates tyrosinase activity in live cells. <i>Chemical Communications</i> , 2017 , 53, 11213-11216	5.8	41
329	The Long Noncoding RNA LncRPT Is Regulated by PDGF-BB and Modulates the Proliferation of Pulmonary Artery Smooth Muscle Cells. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2018 , 58, 181-193	5.7	40
328	Semimetal-Semiconductor Transitions for Monolayer Antimonene Nanosheets and Their Application in Perovskite Solar Cells. <i>Advanced Materials</i> , 2018 , 30, e1803244	24	39
327	Fluorescence lifetime of fluorescent proteins as an intracellular environment probe sensing the cell cycle progression. <i>ACS Chemical Biology</i> , 2012 , 7, 1385-92	4.9	39
326	Nanoposomes Co-Encapsulating CT Imaging Contrast Agent and Photosensitizer for Enhanced, Imaging Guided Photodynamic Therapy of Cancer. <i>Theranostics</i> , 2019 , 9, 1323-1335	12.1	38
325	The Reproductive Toxicity of CdSe/ZnS Quantum Dots on the in vivo Ovarian Function and in vitro Fertilization. <i>Scientific Reports</i> , 2016 , 6, 37677	4.9	38
324	Black Phosphorus Nanosheets for Mild Hyperthermia-Enhanced Chemotherapy and Chemo-Photothermal Combination Therapy. <i>Nanotheranostics</i> , 2017 , 1, 208-216	5.6	38
323	Bandgap-Tunable Preparation of Smooth and Large Two-Dimensional Antimonene. <i>Angewandte Chemie</i> , 2018 , 130, 8804-8809	3.6	38
322	Fast fluorescence lifetime imaging techniques: A review on challenge and development. <i>Journal of Innovative Optical Health Sciences</i> , 2019 , 12, 1930003	1.2	37

321	Transplantation of induced pluripotent stem cells improves functional recovery in Huntington's disease rat model. <i>PLoS ONE</i> , 2014 , 9, e101185	3.7	37
320	Near-IR responsive nanostructures for nanobiophotonics: emerging impacts on nanomedicine. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2016 , 12, 771-788	6	35
319	Biocompatible carbon dots with low-saturation-intensity and high-photobleaching-resistance for STED nanoscopy imaging of the nucleolus and tunneling nanotubes in living cells. <i>Nano Research</i> , 2019 , 12, 3075-3084	10	35
318	High-Efficiency All-Polymer Solar Cells with Poly-Small-Molecule Acceptors Having Extended Units with Broad Near-IR Absorption. <i>ACS Energy Letters</i> , 2021 , 6, 728-738	20.1	35
317	Solution-Phase Synthesis of Few-Layer Hexagonal Antimonene Nanosheets via Anisotropic Growth. <i>Angewandte Chemie - International Edition</i> , 2019 , 58, 9891-9896	16.4	34
316	ICG-Sensitized NaYF ₄ :Er Nanostructure for Theranostics. <i>Advanced Optical Materials</i> , 2018 , 6, 1701142	8.1	34
315	Single Cell Assay for Molecular Diagnostics and Medicine: Monitoring Intracellular Concentrations of Macromolecules by Two-photon Fluorescence Lifetime Imaging. <i>Theranostics</i> , 2015 , 5, 919-30	12.1	34
314	Enhanced photocatalytic performance of Ag/TiO ₂ nanohybrid sensitized by black phosphorus nanosheets in visible and near-infrared light. <i>Journal of Colloid and Interface Science</i> , 2019 , 534, 1-11	9.3	34
313	Recent Advances in Perovskite Photodetectors for Image Sensing. <i>Small</i> , 2021 , 17, e2005606	11	34
312	Inhibiting tumor oxygen metabolism and simultaneously generating oxygen by intelligent upconversion nanotherapeutics for enhanced photodynamic therapy. <i>Biomaterials</i> , 2020 , 251, 120088	15.6	33
311	Photo-activated chemo-immunotherapy for metastatic cancer using a synergistic graphene nanosystem. <i>Biomaterials</i> , 2021 , 265, 120421	15.6	33
310	Core-Shell-Structured LaTaON Transformed from LaKNaTaO Plates for Enhanced Photocatalytic H ₂ Evolution. <i>Angewandte Chemie - International Edition</i> , 2019 , 58, 10666-10670	16.4	32
309	Novel Magnetic-Luminescent Janus Nanoparticles for Cell Labeling and Tumor Photothermal Therapy. <i>Small</i> , 2017 , 13, 1701129	11	32
308	Cascade Reactions Catalyzed by Planar Metal-Organic Framework Hybrid Architecture for Combined Cancer Therapy. <i>Small</i> , 2020 , 16, e2004016	11	32
307	Achieving efficient inverted perovskite solar cells with excellent electron transport and stability by employing a ladder-conjugated perylene diimide dimer. <i>Journal of Materials Chemistry A</i> , 2019 , 7, 24191-24198 ³²	13.1	32
306	Dual-functional fluorescent molecular rotor for endoplasmic reticulum microviscosity imaging during reticulophagy. <i>Chemical Communications</i> , 2019 , 55, 2453-2456	5.8	31
305	Dicyanostilbene-derived two-photon fluorescence probe for free zinc ions in live cells and tissues with a large two-photon action cross section. <i>Organic Letters</i> , 2011 , 13, 1462-5	6.2	31
304	Redefining the photo-stability of common fluorophores with triplet state quenchers: mechanistic insights and recent updates. <i>Chemical Communications</i> , 2019 , 55, 8695-8704	5.8	30

303	Controllable emission bands and morphologies of high-quality CsPbX ₃ perovskite nanocrystals prepared in octane. <i>Nano Research</i> , 2018 , 11, 4654-4663	10	30
302	Low temperature synthesis of high-quality all-inorganic cesium lead halide perovskite nanocrystals in open air and their upconversion luminescence. <i>Journal of Alloys and Compounds</i> , 2018 , 730, 62-70	5.7	30
301	Coherent optical adaptive technique improves the spatial resolution of STED microscopy in thick samples. <i>Photonics Research</i> , 2017 , 5, 176-181	6	30
300	MiR-328 targeting PIM-1 inhibits proliferation and migration of pulmonary arterial smooth muscle cells in PDGFBB signaling pathway. <i>Oncotarget</i> , 2016 , 7, 54998-55011	3.3	30
299	Optical limiting properties of a few-layer MoS ₂ /PMMA composite under excitation of ultrafast laser pulses. <i>Journal of Materials Chemistry C</i> , 2019 , 7, 495-502	7.1	29
298	Nucleolus-Targeted Photodynamic Anticancer Therapy Using Renal-Clearable Carbon Dots. <i>Advanced Healthcare Materials</i> , 2020 , 9, e2000607	10.1	29
297	Ultrastrong Absorption Meets Ultraweak Absorption: Unraveling the Energy-Dissipative Routes for Dye-Sensitized Upconversion Luminescence. <i>Journal of Physical Chemistry Letters</i> , 2018 , 9, 4625-4631	6.4	29
296	Mitochondrial dynamics quantitatively revealed by STED nanoscopy with an enhanced squaraine variant probe. <i>Nature Communications</i> , 2020 , 11, 3699	17.4	29
295	Strong Coupling in Microcavity Structures: Principle, Design, and Practical Application. <i>Laser and Photonics Reviews</i> , 2019 , 13, 1800219	8.3	29
294	Immunologically modified MnFeO nanoparticles to synergize photothermal therapy and immunotherapy for cancer treatment. <i>Chemical Engineering Journal</i> , 2020 , 396, 125239-125239	14.7	28
293	Technique and model for modifying the saturable absorption (SA) properties of 2D nanofilms by considering interband exciton recombination. <i>Journal of Materials Chemistry C</i> , 2018 , 6, 7501-7511	7.1	27
292	Aggregation-induced near-infrared emitting platinum(ii) terpyridyl complex: cellular characterisation and lysosome-specific localisation. <i>Chemical Communications</i> , 2018 , 54, 11144-11147	5.8	27
291	Exciton and trion in few-layer MoS ₂ : Thickness- and temperature-dependent photoluminescence. <i>Applied Surface Science</i> , 2020 , 515, 146033	6.7	26
290	Dicyanostilbene-based two-photon thermo-solvatochromic fluorescence probes with large two-photon absorption cross sections: Detection of solvent polarities, viscosities, and temperature. <i>Sensors and Actuators B: Chemical</i> , 2013 , 182, 521-529	8.5	26
289	Aggregation-induced emission luminogen-assisted stimulated emission depletion nanoscopy for super-resolution mitochondrial visualization in live cells. <i>Nano Research</i> , 2018 , 11, 6023-6033	10	26
288	Phasor-Fluorescence Lifetime Imaging Microscopy Analysis to Monitor Intercellular Drug Release from a pH-Sensitive Polymeric Nanocarrier. <i>Analytical Chemistry</i> , 2018 , 90, 2170-2177	7.8	25
287	Progress Report on Property, Preparation, and Application of Bi ₂ O ₂ Se. <i>Advanced Functional Materials</i> , 2020 , 30, 2004480	15.6	25
286	In Vivo Chemoselective Photoacoustic Imaging of Copper(II) in Plant and Animal Subjects. <i>Small</i> , 2019 , 15, e1803866	11	25

285	Growth of Amorphous Passivation Layer Using Phenethylammonium Iodide for High-Performance Inverted Perovskite Solar Cells. <i>Solar Rrl</i> , 2020 , 4, 1900243	7.1	25
284	Extremely Robust Gas-Quenching Deposition of Halide Perovskites on Top of Hydrophobic Hole Transport Materials for Inverted (p-i-n) Solar Cells by Targeting the Precursor Wetting Issue. <i>ACS Applied Materials & Interfaces</i> , 2019 , 11, 40172-40179	9.5	24
283	Resolution improvement in STED super-resolution microscopy at low power using a phasor plot approach. <i>Nanoscale</i> , 2018 , 10, 16252-16260	7.7	24
282	Phasor-FLIM as a Screening Tool for the Differential Diagnosis of Actinic Keratosis, Bowen's Disease, and Basal Cell Carcinoma. <i>Analytical Chemistry</i> , 2017 , 89, 8104-8111	7.8	24
281	Single nanoparticle detection using a photonic nanojet. <i>Nanoscale</i> , 2018 , 10, 14182-14189	7.7	23
280	Solo Smart Fluorogenic Probe for Potential Cancer Diagnosis and Tracking in Vivo Tumorous Lymphatic Systems via Distinct Emission Signals. <i>Analytical Chemistry</i> , 2020 , 92, 1541-1548	7.8	23
279	Enhancing Type I Photochemistry in Photodynamic Therapy Under Near Infrared Light by Using Antennae-Fullerene Complexes. <i>Cytometry Part A: the Journal of the International Society for Analytical Cytology</i> , 2018 , 93, 997-1003	4.6	23
278	Rational design of high efficiency green to deep red/near-infrared emitting materials based on isomeric donor-acceptor chromophores. <i>Journal of Materials Chemistry C</i> , 2019 , 7, 1880-1887	7.1	22
277	Enhanced perovskite morphology and crystallinity for high performance perovskite solar cells using a porous hole transport layer from polystyrene nanospheres. <i>Physical Chemistry Chemical Physics</i> , 2016 , 18, 32903-32909	3.6	22
276	Photonic hooks from Janus microcylinders. <i>Optics Express</i> , 2019 , 27, 37771-37780	3.3	22
275	Interface engineering with a novel n-type small organic molecule for efficient inverted perovskite solar cells. <i>Chemical Engineering Journal</i> , 2020 , 392, 123677	14.7	22
274	Cycles of protein condensation and discharge in nuclear organelles studied by fluorescence lifetime imaging. <i>Nature Communications</i> , 2019 , 10, 455	17.4	21
273	Applications of fluorescence lifetime imaging in clinical medicine. <i>Journal of Innovative Optical Health Sciences</i> , 2018 , 11, 1830001	1.2	21
272	Label-free whole-colony imaging and metabolic analysis of metastatic pancreatic cancer by an autoregulating flexible optical system. <i>Theranostics</i> , 2020 , 10, 1849-1860	12.1	21
271	Enhancing Light and X-Ray Charging in Persistent Luminescence Nanocrystals for Orthogonal Afterglow Anti-Counterfeiting. <i>Advanced Functional Materials</i> , 2021 , 31, 2009920	15.6	21
270	Ultra-high light confinement and ultra-long propagation distance design for integratable optical chips based on plasmonic technology. <i>Nanoscale</i> , 2019 , 11, 4601-4613	7.7	21
269	Organic fluorescent probes for stochastic optical reconstruction microscopy (STORM): Recent highlights and future possibilities. <i>Coordination Chemistry Reviews</i> , 2019 , 380, 17-34	23.2	21
268	Functionalized MoS Nanosheets as Multi-Gene Delivery Vehicles for Pancreatic Cancer Therapy. <i>Nanotheranostics</i> , 2018 , 2, 371-386	5.6	21

267	Overstepping the upper refractive index limit to form ultra-narrow photonic nanojets. <i>Scientific Reports</i> , 2017 , 7, 5635	4.9	20
266	The microtubule associated protein syntabulin is required for glucose-stimulated and cAMP-potentiated insulin secretion. <i>FEBS Letters</i> , 2012 , 586, 3674-80	3.8	20
265	Multi-enzyme mimetic ultrasmall iridium nanozymes as reactive oxygen/nitrogen species scavengers for acute kidney injury management. <i>Biomaterials</i> , 2021 , 271, 120706	15.6	20
264	Achieving NIR Emission for Donor-Acceptor Type Platinum(II) Complexes by Adjusting Coordination Position with Isomeric Ligands. <i>Inorganic Chemistry</i> , 2018 , 57, 14208-14217	5.1	20
263	Mechanistic Investigation of Upconversion Photoluminescence in All-Inorganic Perovskite CsPbBr ₂ Nanocrystals. <i>Journal of Physical Chemistry C</i> , 2018 , 122, 3152-3156	3.8	19
262	A two-photon fluorescent probe records the intracellular pH through DR logic operation via internal calibration. <i>Sensors and Actuators B: Chemical</i> , 2018 , 268, 195-204	8.5	19
261	Phosphatidylinositol 3-Kinase-DNA Methyltransferase 1-miR-1281-Histone Deacetylase 4 Regulatory Axis Mediates Platelet-Derived Growth Factor-Induced Proliferation and Migration of Pulmonary Artery Smooth Muscle Cells. <i>Journal of the American Heart Association</i> , 2018 , 7,	6	19
260	Molecular profiling of single organelles for quantitative analysis of cellular heterogeneity. <i>Scientific Reports</i> , 2017 , 7, 6512	4.9	19
259	Free-space creation of ultralong anti-diffracting beam with multiple energy oscillations adjusted using optical pen. <i>Nature Communications</i> , 2018 , 9, 5035	17.4	19
258	Enhancing Performance of Fused-Ring Electron Acceptor Using Pyrrole Instead of Thiophene. <i>ACS Applied Materials & Interfaces</i> , 2020 , 12, 14029-14036	9.5	18
257	Hot-Substrate Deposition of Hole- and Electron-Transport Layers for Enhanced Performance in Perovskite Solar Cells. <i>Advanced Energy Materials</i> , 2018 , 8, 1701659	21.8	18
256	Wavelength-Scanning SPR Imaging Sensors Based on an Acousto-Optic Tunable Filter and a White Light Laser. <i>Sensors</i> , 2017 , 17,	3.8	18
255	RECENT PROGRESS IN MULTIFOCAL MULTIPHOTON MICROSCOPY. <i>Journal of Innovative Optical Health Sciences</i> , 2012 , 5,	1.2	18
254	Heterostructures in Two-Dimensional CdSe Nanoplatelets: Synthesis, Optical Properties, and Applications. <i>Chemistry of Materials</i> , 2020 , 32, 9490-9507	9.6	18
253	Percolative polymer composites for dielectric capacitors: a brief history, materials, and multilayer interface design. <i>Journal of Materials Chemistry A</i> , 2020 , 8, 18515-18537	13	18
252	Effect of Surface Coating of Gold Nanoparticles on Cytotoxicity and Cell Cycle Progression. <i>Nanomaterials</i> , 2018 , 8,	5.4	18
251	Fluorescence enhancement of small squaraine dye and its two-photon excited fluorescence in long-term near-infrared I&I bioimaging. <i>Optics Express</i> , 2019 , 27, 12360-12372	3.3	17
250	Reactive Oxygen Species Activatable Heterodimeric Prodrug as Tumor-Selective Nanotheranostics. <i>ACS Nano</i> , 2020 ,	16.7	17

249	Recent Advances in Self-Exciting Photodynamic Therapy. <i>Frontiers in Bioengineering and Biotechnology</i> , 2020 , 8, 594491	5.8	17
248	Cancer nanotheranostics in the second near-infrared window. <i>View</i> , 2021 , 2, 20200075	7.8	17
247	Review of Stimulated Raman Scattering Microscopy Techniques and Applications in the Biosciences. <i>Advanced Biology</i> , 2021 , 5, e2000184		17
246	Deep levels in metamorphic InAs/InGaAs quantum dot structures with different composition of the embedding layers. <i>Semiconductor Science and Technology</i> , 2017 , 32, 125001	1.8	16
245	MiR-339 inhibits proliferation of pulmonary artery smooth muscle cell by targeting FGF signaling. <i>Physiological Reports</i> , 2017 , 5, e13441	2.6	16
244	Enhanced Visualization of Hematoxylin and Eosin Stained Pathological Characteristics by Phasor Approach. <i>Analytical Chemistry</i> , 2017 , 89, 9224-9231	7.8	16
243	Rhein antagonizes P2X7 receptor in rat peritoneal macrophages. <i>Scientific Reports</i> , 2015 , 5, 14012	4.9	16
242	Microscopic second-harmonic generation emission direction in fibrillous collagen type I by quasi-phase-matching theory. <i>Journal of Applied Physics</i> , 2010 , 108, 054701	2.5	16
241	Designing Sub-2 nm Organosilica Nanohybrids for Far-Field Super-Resolution Imaging. <i>Angewandte Chemie - International Edition</i> , 2020 , 59, 746-751	16.4	16
240	Fast spectral surface plasmon resonance imaging sensor for real-time high-throughput detection of biomolecular interactions. <i>Journal of Biomedical Optics</i> , 2016 , 21, 127003	3.5	16
239	Surface plasmon resonance enhancement of photoluminescence intensity and bioimaging application of gold nanorod@CdSe/ZnS quantum dots. <i>Beilstein Journal of Nanotechnology</i> , 2019 , 10, 22-31	3	16
238	Aberration correction for improving the image quality in STED microscopy using the genetic algorithm. <i>Nanophotonics</i> , 2018 , 7, 1971-1980	6.3	16
237	Red and near-infrared light induces intracellular Ca flux via the activation of glutamate N-methyl-D-aspartate receptors. <i>Journal of Cellular Physiology</i> , 2019 , 234, 15989	7	15
236	An empirical quantitative fluorescence resonance energy transfer method for multiple acceptors based on partial acceptor photobleaching. <i>Applied Physics Letters</i> , 2012 , 100, 253701	3.4	15
235	A novel perylene diimide-based zwitterion as the cathode interlayer for high-performance perovskite solar cells. <i>Journal of Materials Chemistry A</i> , 2020 , 8, 18117-18124	13	15
234	Antimony Nanopolyhedrons with Tunable Localized Surface Plasmon Resonances for Highly Effective Photoacoustic-Imaging-Guided Synergistic Photothermal/Immunotherapy. <i>Advanced Materials</i> , 2021 , 33, e2100039	24	15
233	Naphthalene imide dimer as interface engineering material: An efficient strategy for achieving high-performance perovskite solar cells. <i>Chemical Engineering Journal</i> , 2020 , 395, 125062	14.7	15
232	A platinum-porphine/poly(perfluoroether) film oxygen tension sensor for noninvasive local monitoring of cellular oxygen metabolism using phosphorescence lifetime imaging. <i>Sensors and Actuators B: Chemical</i> , 2018 , 269, 88-95	8.5	14

231	Z-Shaped Fused-Chrysene Electron Acceptors for Organic Photovoltaics. <i>ACS Applied Materials & Interfaces</i> , 2019 , 11, 33006-33011	9.5	14
230	Transplantation of bone marrow stromal stem cells overexpressing tropomyosin receptor kinase A for peripheral nerve repair. <i>Cytotherapy</i> , 2017 , 19, 916-926	4.8	14
229	Compressed energy transfer distance for remarkable enhancement of the luminescence of Nd ³⁺ -sensitized upconversion nanoparticles. <i>Journal of Materials Chemistry C</i> , 2018 , 6, 6597-6604	7.1	14
228	Achieving High-Performance Solution-Processed Deep-Red/Near-Infrared Organic Light-Emitting Diodes with a Phenanthroline-Based and Wedge-Shaped Fluorophore. <i>Advanced Electronic Materials</i> , 2019 , 5, 1800677	6.4	14
227	Regulating the color output and simultaneously enhancing the intensity of upconversion nanoparticles via a dye sensitization strategy. <i>Journal of Materials Chemistry C</i> , 2019 , 7, 8607-8615	7.1	13
226	Enhancing Photoacoustic Intensity of Upconversion Nanoparticles by Photoswitchable Azobenzene-Containing Polymers for Dual NIR-II and Photoacoustic Imaging In Vivo. <i>Advanced Optical Materials</i> , 2019 , 7, 1900045	8.1	13
225	A linear conjugated tetramer as a surface-modification layer to increase perovskite solar cell performance and stability. <i>Journal of Materials Chemistry A</i> , 2020 , 8, 11728-11733	13	13
224	Engineering Quantum Dots with Different Emission Wavelengths and Specific Fluorescence Lifetimes for Spectrally and Temporally Multiplexed Imaging of Cells. <i>Nanotheranostics</i> , 2017 , 1, 131-140 ^{5.6}	5.6	13
223	A Fluorescent Probe for Stimulated Emission Depletion Super-Resolution Imaging of Vicinal-Dithiol-Proteins on Mitochondrial Membrane. <i>Bioconjugate Chemistry</i> , 2018 , 29, 1446-1453	6.3	13
222	Fluorescence lifetime imaging of fluorescent proteins as an effective quantitative tool for noninvasive study of intracellular processes. <i>Journal of Innovative Optical Health Sciences</i> , 2018 , 11, 1730009 ^{1.2}	1.2	13
221	Support Vector Machine Classification of Nonmelanoma Skin Lesions Based on Fluorescence Lifetime Imaging Microscopy. <i>Analytical Chemistry</i> , 2019 , 91, 10640-10647	7.8	13
220	Comparative Study of Photoelectric Properties of Metamorphic InAs/InGaAs and InAs/GaAs Quantum Dot Structures. <i>Nanoscale Research Letters</i> , 2017 , 12, 335	5	13
219	Revisiting the Luminescence Decay Kinetics of Energy Transfer Upconversion. <i>Journal of Physical Chemistry Letters</i> , 2020 , 11, 3672-3680	6.4	13
218	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> , 2021 , 214, 112088	6.7	13
217	Enhancement of Raman Scattering and Exciton/Trion Photoluminescence of Monolayer and Few-Layer MoS ₂ by Ag Nanoprisms and Nanoparticles: Shape and Size Effects. <i>Journal of Physical Chemistry C</i> , 2021 , 125, 4119-4132	3.8	13
216	Defect influence on in-plane photocurrent of InAs/InGaAs quantum dot array: long-term electron trapping and Coulomb screening. <i>Nanotechnology</i> , 2019 , 30, 305701	3.4	12
215	Interband Photoconductivity of Metamorphic InAs/InGaAs Quantum Dots in the 1.3-1.55- μm Window. <i>Nanoscale Research Letters</i> , 2018 , 13, 103	5	12
214	Fluorescence Lifetime-Resolved Ion-Selective Nanospheres for Simultaneous Imaging of Calcium Ion in Mitochondria and Lysosomes. <i>Analytical Chemistry</i> , 2018 , 90, 7982-7988	7.8	12

213	Obligate anaerobic strain YB1 treatment on xenograft tumor in immunocompetent mouse model. <i>Oncology Letters</i> , 2015 , 10, 1069-1074	2.6	12
212	Biodegradable Self-Assembled Ultrasmall Nanodots as Reactive Oxygen/Nitrogen Species Scavengers for Theranostic Application in Acute Kidney Injury. <i>Small</i> , 2021 , 17, e2005113	11	12
211	Nitric oxide release activated near-Infrared photothermal agent for synergistic tumor treatment. <i>Biomaterials</i> , 2021 , 276, 121017	15.6	12
210	Comparing Semiconductor Nanocrystal Toxicity in Pregnant Mice and Non-Human Primates. <i>Nanotheranostics</i> , 2019 , 3, 54-65	5.6	11
209	Near-infrared lateral photoresponse in InGaAs/GaAs quantum dots. <i>Semiconductor Science and Technology</i> , 2020 , 35, 055029	1.8	11
208	Hybrid low-permittivity slot-rib plasmonic waveguide based on monolayer two dimensional transition metal dichalcogenide with ultra-high energy confinement. <i>Optics Express</i> , 2018 , 26, 15819-15824	2.2	11
207	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> , 2021 , 64, 341-357	7.9	11
206	Ultra-compact, low-loss terahertz waveguide based on graphene plasmonic technology. <i>2D Materials</i> , 2020 , 7, 015016	5.9	11
205	Ultrafast Yb-Doped Fiber Laser Using Few Layers of PdS Saturable Absorber. <i>Nanomaterials</i> , 2020 , 10,	5.4	11
204	An ultrasensitive Fano resonance biosensor using two dimensional hexagonal boron nitride nanosheets: theoretical analysis.. <i>RSC Advances</i> , 2019 , 9, 29805-29812	3.7	11
203	Inorganic Nanomaterials with Intrinsic Singlet Oxygen Generation for Photodynamic Therapy. <i>Advanced Science</i> , 2021 , 8, e2102587	13.6	11
202	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> , 2020 , 311, 127891	8.5	10
201	Noninvasive Temperature Measurement in Dental Materials Using Nd ³⁺ , Yb ³⁺ Doped Nanoparticles Emitting in the Near Infrared Region. <i>Particle and Particle Systems Characterization</i> , 2020 , 37, 1900445	3.1	10
200	Multiplexed fluorescence lifetime imaging by concentration-dependent quenching. <i>Journal of Materials Chemistry B</i> , 2018 , 6, 1912-1919	7.3	10
199	Macromolecular Profiling of Organelles in Normal Diploid and Cancer Cells. <i>Analytical Chemistry</i> , 2017 , 89, 10985-10990	7.8	10
198	Biodegradable pH-responsive amorphous calcium carbonate nanoparticles as immunoadjuvants for multimodal imaging and enhanced photoimmunotherapy. <i>Journal of Materials Chemistry B</i> , 2020 , 8, 8261-8270	7.3	10
197	Emergent Field-Driven Robot Swarm States. <i>Physical Review Letters</i> , 2021 , 126, 108002	7.4	10
196	2D van der Waals Heterojunction Nanophotonic Devices: From Fabrication to Performance. <i>Advanced Functional Materials</i> , 2021 , 31, 2104260	15.6	10

195	A New Strategy for Increasing the Efficiency of Inverted Perovskite Solar Cells to More than 21%: High-Humidity Induced Self-Passivation of Perovskite Films. <i>Solar Rrl</i> , 2020 , 4, 2000149	7.1	10
194	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> , 2021 , 198, 111458	6	10
193	AIE-active two-photon fluorescent nanoprobe with NIR-II light excitability for highly efficient deep brain vasculature imaging. <i>Theranostics</i> , 2021 , 11, 2137-2148	12.1	10
192	One-pot synthesis of dispersible thermally stable organic downconversion materials under DBU catalyzation for high performance hybrid-LED lamps. <i>Green Chemistry</i> , 2018 , 20, 3557-3565	10	10
191	Graphene-TMDC-Graphene Hybrid Plasmonic Metasurface for Enhanced Biosensing: A Theoretical Analysis. <i>Physica Status Solidi (A) Applications and Materials Science</i> , 2017 , 214, 1700563	1.6	9
190	PEGylated liposomal photosensitizers as theranostic agents for dual-modal photoacoustic and fluorescence imaging-guided photodynamic therapy. <i>Journal of Innovative Optical Health Sciences</i> , 2019 , 12, 1941003	1.2	9
189	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> , 2020 , 240, 118592	4.4	9
188	InSe nanosheets with broadband saturable absorption used for near-infrared femtosecond laser mode locking. <i>Nanotechnology</i> , 2019 , 30, 465704	3.4	9
187	Soft-template assisted synthesis of hexagonal antimonene and bismuthene in colloidal solutions. <i>Nanoscale</i> , 2020 , 12, 20945-20951	7.7	9
186	Overexpression of tropomyosin receptor kinase A improves the survival and Schwann-like cell differentiation of bone marrow stromal cells in nerve grafts for bridging rat sciatic nerve defects. <i>Cytotherapy</i> , 2016 , 18, 1256-69	4.8	9
185	Catalase Nanocrystals Loaded with Methylene Blue as Oxygen Self-Supplied, Imaging-Guided Platform for Photodynamic Therapy of Hypoxic Tumors. <i>Small</i> , 2021 , 17, e2103569	11	9
184	OCT imaging detection of brain blood vessels in mouse, based on semiconducting polymer nanoparticles. <i>Analyst, The</i> , 2017 , 142, 4503-4510	5	8
183	Achieving high-resolution of 21 nm for STED nanoscopy assisted by CdSe@ZnS quantum dots. <i>Applied Physics Letters</i> , 2020 , 116, 041101	3.4	8
182	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> , 2020 , 24, 5984-5997	5.6	8
181	Fluorescence microendoscopy imaging based on GRIN lenses with one- and two-photon excitation modes. <i>Frontiers of Optoelectronics</i> , 2015 , 8, 177-182	2.8	8
180	Fast flexible multiphoton fluorescence lifetime imaging using acousto-optic deflector. <i>Optics Letters</i> , 2013 , 38, 1697-9	3	8
179	Recent advances in nonlinear optics for bio-imaging applications. <i>Opto-Electronic Advances</i> , 2020 , 3, 2000003-2000003	6.5	8
178	ICT and AIE Characteristics Two Cyano-Functionalized Probes and Their Photophysical Properties, DFT Calculations, Cytotoxicity, and Cell Imaging Applications. <i>Molecules</i> , 2020 , 25,	4.8	8

177	Perfluoropolyether Nanoemulsion Encapsulating Chlorin e6 for Sonodynamic and Photodynamic Therapy of Hypoxic Tumor. <i>Nanomaterials</i> , 2020 , 10,	5.4	8
176	A pH-Responsive Glycyrrhetic-Acid-Modified Small-Molecule Conjugate for NIR Imaging of Hepatocellular Carcinoma (HCC). <i>ChemBioChem</i> , 2019 , 20, 614-620	3.8	8
175	Prussian blue-based theranostics for ameliorating acute kidney injury. <i>Journal of Nanobiotechnology</i> , 2021 , 19, 266	9.4	8
174	miR-9 enhances the transactivation of nuclear factor of activated T cells by targeting KPNB1 and DYRK1B. <i>American Journal of Physiology - Cell Physiology</i> , 2015 , 308, C720-8	5.4	7
173	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> , 2020 , 5, 14030-14039	3.9	7
172	STORM imaging of mitochondrial dynamics using a vicinal-dithiol-proteins-targeted probe. <i>Biomaterials</i> , 2020 , 243, 119938	15.6	7
171	Bipolar Effects in Photovoltage of Metamorphic InAs/InGaAs/GaAs Quantum Dot Heterostructures: Characterization and Design Solutions for Light-Sensitive Devices. <i>Nanoscale Research Letters</i> , 2017 , 12, 559	5	7
170	Plasmonic Nanocavity Metasurface Based on Laser-Structured Silver Surface and Silver Nanoprisms for the Enhancement of Adenosine Nucleotide Photoluminescence. <i>ACS Applied Nano Materials</i> , 2019 , 2, 7152-7161	5.6	7
169	Core-shell structured NaMnF ₃ : Yb, Er nanoparticles for bioimaging applications. <i>RSC Advances</i> , 2017 , 7, 52588-52594	3.7	7
168	Ultrahigh Enhancement Factor by Using a Silver Nanoshell With a Gain Core Above a Silver Substrate for Surface-Enhanced Raman Scattering at the Single-Molecule Level. <i>IEEE Photonics Journal</i> , 2015 , 7, 1-8	1.8	7
167	Dynamic fluorescence lifetime imaging based on acousto-optic deflectors. <i>Journal of Biomedical Optics</i> , 2014 , 19, 116004	3.5	7
166	Ultralow power demand in fluorescence nanoscopy with digitally enhanced stimulated emission depletion. <i>Nanophotonics</i> , 2020 , 9, 831-839	6.3	7
165	TrkA regulates the regenerative capacity of bone marrow stromal stem cells in nerve grafts. <i>Neural Regeneration Research</i> , 2019 , 14, 1765-1771	4.5	7
164	MXene and black phosphorus based 2D nanomaterials in bioimaging and biosensing: progress and perspectives. <i>Journal of Materials Chemistry B</i> , 2021 , 9, 5195-5220	7.3	7
163	In vivo blood viscosity characterization based on frequency-resolved photoacoustic measurement. <i>Applied Physics Letters</i> , 2018 , 113, 143703	3.4	7
162	Water- and alcohol-soluble cationic phenanthroline derivatives as efficient cathode interfacial layers for bulk-heterojunction polymer solar cells. <i>Journal of Materials Chemistry C</i> , 2017 , 5, 4858-4866	7.1	6
161	Kinetics peculiarities of photovoltage in vertical metamorphic InAs/InGaAs quantum dot structures. <i>Semiconductor Science and Technology</i> , 2019 , 34, 075025	1.8	6
160	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> , 2020 , 8, 8848-8856	8.3	6

159	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> , 2020 , 3, 3302-3309	6.1	6
158	Nonlinear Spectral-Imaging Study of Second- and Third-Harmonic Enhancements by Surface-Lattice Resonances. <i>Advanced Optical Materials</i> , 2020 , 8, 1901981	8.1	6
157	Quadrupole Plasmon Lasers with a Super Low Threshold Based on an Active Three-Layer Nanoshell Structure. <i>Plasmonics</i> , 2016 , 11, 231-239	2.4	6
156	Green emitted CdSe@ZnS quantum dots for FLIM and STED imaging applications. <i>Journal of Innovative Optical Health Sciences</i> , 2019 , 12, 1940003	1.2	6
155	Fluorescence life-time imaging microscopy (FLIM) monitors tumor cell death triggered by photothermal therapy with MoS ₂ nanosheets. <i>Journal of Innovative Optical Health Sciences</i> , 2019 , 12, 1940002	1.2	6
154	Monitoring the endocytosis of bovine serum albumin based on the fluorescence lifetime of small squaraine dye in living cells. <i>Biomedical Optics Express</i> , 2020 , 11, 149-159	3.5	6
153	Synergistic interventional photothermal therapy and immunotherapy using an iron oxide nanoplatfrom for the treatment of pancreatic cancer. <i>Acta Biomaterialia</i> , 2021 ,	10.8	6
152	Profiling of microRNAs and mRNAs in marine mussel <i>Mytilus galloprovincialis</i> . <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2020 , 230, 108697	3.2	6
151	Efficient Naphthalene Imide-Based Interface Engineering Materials for Enhancing Perovskite Photovoltaic Performance and Stability. <i>ACS Applied Materials & Interfaces</i> , 2020 , 12, 42348-42356	9.5	6
150	Ultrafast Surface Plasmon Resonance Imaging Sensor via the High-Precision Four-Parameter-Based Spectral Curve Readjusting Method. <i>Analytical Chemistry</i> , 2021 , 93, 828-833	7.8	6
149	Gas-Liquid-Solid Triphase Interfacial Chemical Reactions Associated with Gas Wettability. <i>Advanced Materials Interfaces</i> , 2021 , 8, 2001636	4.6	6
148	Implementation and application of FRET-FLIM technology. <i>Journal of Innovative Optical Health Sciences</i> , 2019 , 12, 1930010	1.2	5
147	Solution-phase synthesis of CsPbI ₃ nanowire clusters via polymer-induced anisotropic growth and self-assembly. <i>Chemical Communications</i> , 2019 , 55, 8266-8269	5.8	5
146	Dual-color STED super-resolution microscope using a single laser source. <i>Journal of Biophotonics</i> , 2020 , 13, e202000057	3.1	5
145	Virus-Inspired Deformable Mesoporous Nanocomposites for High Efficiency Drug Delivery. <i>Small</i> , 2020 , 16, e1906028	11	5
144	Peripheral N-methyl-D-aspartate receptor localization and role in gastric acid secretion regulation: immunofluorescence and pharmacological studies. <i>Scientific Reports</i> , 2018 , 8, 7445	4.9	5
143	Optimizing the Synthesis of Core/shell Structure Au@CuS Nanocrystals as Contrast-enhanced for Bioimaging Detection. <i>Scientific Reports</i> , 2018 , 8, 8866	4.9	5
142	The impact of cell fixation on coherent anti-stokes Raman scattering signal intensity in neuronal and glial cell lines. <i>Journal of Biophotonics</i> , 2019 , 12, e201800203	3.1	5

141	Cellular transformations in near-infrared light-induced apoptosis in cancer cells revealed by label-free CARS imaging. <i>Journal of Biophotonics</i> , 2019 , 12, e201900179	3.1	5
140	Photoacoustic visualization of the fluence rate dependence of photodynamic therapy. <i>Biomedical Optics Express</i> , 2020 , 11, 4203-4223	3.5	5
139	Coherent Anti-Stokes Raman Scattering Microscopy and Its Applications. <i>Frontiers in Physics</i> , 2020 , 8,	3.9	5
138	A diketopyrrolopyrrole-based hybrid organic nanoprobe for ratiometric imaging of endogenous hypochlorite in live cells. <i>Sensors and Actuators B: Chemical</i> , 2020 , 307, 127632	8.5	5
137	Lithium nitrate-assisted hydrothermal synthesis of ultrathin Bi ₂ O ₂ Se nanosheets and their photoelectrochemical performance. <i>Journal of Materials Chemistry C</i> , 2020 , 8, 14711-14717	7.1	5
136	Co-encapsulating indocyanine green and CT contrast agent within nanoliposomes for trimodal imaging and near infrared phototherapy of cancer. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2020 , 29, 102269	6	5
135	Fast denoising and lossless spectrum extraction in stimulated Raman scattering microscopy. <i>Journal of Biophotonics</i> , 2021 , 14, e202100080	3.1	5
134	Antireflection Enhancement by Composite Nanoporous Zeolite 3A-Carbon Thin Film. <i>Nanomaterials</i> , 2019 , 9,	5.4	5
133	Increasing fluorescence lifetime for resolution improvement in stimulated emission depletion nanoscopy. <i>Journal of Biophotonics</i> , 2019 , 12, e201800315	3.1	5
132	Current challenges and solutions of super-resolution structured illumination microscopy. <i>APL Photonics</i> , 2021 , 6, 020901	5.2	5
131	Flexible Plasmonic Pressure Sensor Based on Layered Two-Dimensional Heterostructures. <i>Journal of Lightwave Technology</i> , 2018 , 36, 5678-5684	4	5
130	Spin Hall effect of light based on a surface plasmonic platform. <i>Nanophotonics</i> , 2021 , 10, 3031-3048	6.3	5
129	Ultrafast photonics applications based on evanescent field interactions with 2D molybdenum carbide (Mo ₂ C). <i>Journal of Materials Chemistry C</i> ,	7.1	5
128	Activatable NIR-II Fluorescence Probe for Highly Sensitive and Selective Visualization of Glutathione .. <i>Analytical Chemistry</i> , 2021 , 93, 17103-17109	7.8	5
127	CoreShell-Structured LaTaON ₂ Transformed from LaKNaTaO ₅ Plates for Enhanced Photocatalytic H ₂ Evolution. <i>Angewandte Chemie</i> , 2019 , 131, 10776-10780	3.6	4
126	In vivo mice brain microcirculation monitoring based on contrast-enhanced SD-OCT. <i>Journal of Innovative Optical Health Sciences</i> , 2019 , 12, 1950001	1.2	4
125	Monitoring the Cellular Delivery of Doxorubicin-Cu Complexes in Cells by Fluorescence Lifetime Imaging Microscopy. <i>Journal of Physical Chemistry A</i> , 2020 , 124, 4235-4240	2.8	4
124	Elimination of Re-excitation in Stimulated Emission Depletion Nanoscopy Based on Photon Extraction in a Phasor Plot. <i>Laser and Photonics Reviews</i> , 2020 , 14, 1900352	8.3	4

123	A Novel Plasmonic Nanolaser Based on Fano Resonances with Super Low Threshold. <i>Plasmonics</i> , 2017 , 12, 1145-1151	2.4	4
122	Optothermophoretic flipping method for biomolecule interaction enhancement.. <i>Biosensors and Bioelectronics</i> , 2022 , 204, 114084	11.8	4
121	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> , 2021 , 14, 2150003	1.2	4
120	A PCR-Based Method to Construct Lentiviral Vector Expressing Double Tough Decoy for miRNA Inhibition. <i>PLoS ONE</i> , 2015 , 10, e0143864	3.7	4
119	Solvent-Additive Engineering-Assisted Improvement of Interface Contact for Producing Highly Efficient Inverted Perovskite Solar Cells. <i>Solar Rrl</i> , 2021 , 5, 2100190	7.1	4
118	Noval Dual-Emission Fluorescence Carbon Dots as a Ratiometric Probe for Cu and ClO Detection. <i>Nanomaterials</i> , 2021 , 11,	5.4	4
117	Nano-in-Micro Delivery System Prepared by Co-Axial Air Flow for Oral Delivery of Conjugated Linoleic Acid. <i>Marine Drugs</i> , 2018 , 17,	6	4
116	Nanoliposomes Co-Encapsulating Photoswitchable Probe and Photosensitizer for Super-Resolution Optical Imaging and Photodynamic Therapy. <i>Cytometry Part A: the Journal of the International Society for Analytical Cytology</i> , 2020 , 97, 54-60	4.6	4
115	Low-threshold stimulated emission in perovskite quantum dots: single-exciton optical gain induced by surface plasmon polaritons at room temperature. <i>Journal of Materials Chemistry C</i> , 2020 , 8, 5847-5855	7.1	4
114	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> , 2021 , 198, 111500	6	4
113	Deep learning autofluorescence-harmonic microscopy.. <i>Light: Science and Applications</i> , 2022 , 11, 76	16.7	4
112	NIR-II J-Aggregated Pt(II)-Porphyrin-Based Phosphorescent Probe for Tumor-Hypoxia Imaging.. <i>Advanced Healthcare Materials</i> , 2022 , e2200467	10.1	4
111	Vascular distribution imaging of dorsal skin window chamber in mouse with spectral domain optical coherence tomography. <i>Frontiers of Optoelectronics</i> , 2015 , 8, 170-176	2.8	3
110	Defect levels and interface space charge area responsible for negative photovoltage component in InAs/GaAs quantum dot photodetector structure. <i>Microelectronic Engineering</i> , 2020 , 230, 111367	2.5	3
109	Large-scale synthesis of cesium lead halide perovskite nanocrystals for zinc ion detection. <i>Journal of Nanoparticle Research</i> , 2020 , 22, 1	2.3	3
108	An in vitro tumor swamp model of heterogeneous cellular and chemotherapeutic landscapes. <i>Lab on A Chip</i> , 2020 , 20, 2453-2464	7.2	3
107	Ultrasensitive Surface Plasmon Resonance Biosensor Using Blue Phosphorus-Graphene Architecture. <i>Sensors</i> , 2020 , 20,	3.8	3
106	Nonlayered 2D Materials: Ultrathin 2D Nonlayered Tellurium Nanosheets: Facile Liquid-Phase Exfoliation, Characterization, and Photoresponse with High Performance and Enhanced Stability (Adv. Funct. Mater. 16/2018). <i>Advanced Functional Materials</i> , 2018 , 28, 1870107	15.6	3

105	Cancer dormancy and criticality from a game theory perspective 2018 , 2, 1		3
104	Analysis of halide composition in CsPb(Br/Cl) ₃ nanocrystals with trace amounts of samples using laser induced breakdown spectroscopy. <i>Journal of Analytical Atomic Spectrometry</i> , 2018 , 33, 713-719	3.7	3
103	Antimonen: von der experimentellen Herstellung zur praktischen Anwendung. <i>Angewandte Chemie</i> , 2019 , 131, 1588-1599	3.6	3
102	Degradable mesoporous semimetal antimony nanospheres for near-infrared II multimodal theranostics.. <i>Nature Communications</i> , 2022 , 13, 539	17.4	3
101	Virtual single-pixel imaging-based deconvolution method for spatial resolution improvement in wide-field fluorescence microscopy. <i>Biomedical Optics Express</i> , 2020 , 11, 3648-3658	3.5	3
100	Fluorescence lifetime imaging for studying DNA compaction and gene activities. <i>Light: Science and Applications</i> , 2021 , 10, 224	16.7	3
99	Clinically translatable gold nanozymes with broad spectrum antioxidant and anti-inflammatory activity for alleviating acute kidney injury. <i>Theranostics</i> , 2021 , 11, 9904-9917	12.1	3
98	Shedding New Lights Into STED Microscopy: Emerging Nanoprobes for Imaging. <i>Frontiers in Chemistry</i> , 2021 , 9, 641330	5	3
97	Factors affecting the biological response of Graphene. <i>Colloids and Surfaces B: Biointerfaces</i> , 2021 , 203, 111767	6	3
96	Fast Frequency-Domain Compressed Sensing Analysis for High-Density Super-Resolution Imaging Using Orthogonal Matching Pursuit. <i>IEEE Photonics Journal</i> , 2019 , 11, 1-8	1.8	3
95	Ultrasensitive Deep-Ultraviolet Surface Plasmon Resonance Sensors Using Aluminum-Graphene Metasurface: a Theoretical Insight. <i>Plasmonics</i> , 2020 , 15, 135-143	2.4	3
94	2-Methylimidazole-modulated UiO-66 as an effective photocatalyst to degrade Rhodamine B under visible light. <i>Journal of Materials Science</i> , 2021 , 56, 1577-1589	4.3	3
93	Conjugated polyelectrolyte doped perovskite films with enhanced photovoltaic performance and stability. <i>Chemical Engineering Journal</i> , 2021 , 417, 128068	14.7	3
92	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> , 2021 , 11, 23249-23258	3.7	3
91	Spray-coated barrier coating on copper based on exfoliated vermiculite sheets. <i>Materials Chemistry Frontiers</i> , 2021 , 5, 4658-4663	7.8	3
90	Human serum albumin gradient in serous ovarian cancer cryosections measured by fluorescence lifetime. <i>Biomedical Optics Express</i> , 2021 , 12, 1195-1204	3.5	3
89	InAs/InGaAs quantum dots confined by InAlAs barriers for enhanced room temperature light emission: Photoelectric properties and deep levels. <i>Microelectronic Engineering</i> , 2021 , 238, 111514	2.5	3
88	Biomolecular Component Analysis of Phospholipids Composition in Live HeLa Cells. <i>Biosensors</i> , 2018 , 8,	5.9	3

87	Trion Binding Energy Variation on Photoluminescence Excitation Energy and Power during Direct to Indirect Bandgap Crossover in Monolayer and Few-Layer MoS ₂ . <i>Journal of Physical Chemistry C</i> , 2021 , 125, 17806-17819	3.8	3
86	Super-Resolution Microscopy: Shedding New Light on Imaging. <i>Frontiers in Chemistry</i> , 2021 , 9, 746900	5	3
85	Robots as models of evolving systems.. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2022 , 119, e2120019119	11.5	3
84	Diversity of collective migration patterns of invasive breast cancer cells emerging during microtrack invasion. <i>Physical Review E</i> , 2019 , 99, 062403	2.4	2
83	A Speckle-Free Angular Interrogation SPR Imaging Sensor Based on Galvanometer Scan and Laser Excitation. <i>Plasmonics</i> , 2019 , 14, 1497-1504	2.4	2
82	Photoelectric and deep level study of metamorphic InAs/InGaAs quantum dots with GaAs confining barriers for photoluminescence enhancement. <i>Semiconductor Science and Technology</i> , 2020 , 35, 095022	1.8	2
81	Gold Nanoparticle Self-Aggregation on Surface with 1,6-Hexanedithiol Functionalization. <i>Nanomaterials</i> , 2020 , 10,	5.4	2
80	Identification and characterization of different tissues in blood vessel by multiplexed fluorescence lifetimes. <i>Analyst, The</i> , 2018 , 143, 2243-2248	5	2
79	CNQX facilitates inhibitory synaptic transmission in rat hypoglossal nucleus. <i>Brain Research</i> , 2016 , 1637, 71-80	3.7	2
78	GeAs 2 Saturable Absorber for Ultrafast and Ultranarrow Photonic Applications. <i>Advanced Functional Materials</i> , 2112252	15.6	2
77	Low-power STED nanoscopy based on temporal and spatial modulation. <i>Nano Research</i> , 1	10	2
76	Novel Hybrid Compound 4-[(E)-2-phenylethanesulfonamido]-N-hydroxybutanamide with Antimetastatic and Cytotoxic Action: Synthesis and Anticancer Screening. <i>Anti-Cancer Agents in Medicinal Chemistry</i> , 2018 , 18, 1495-1504	2.2	2
75	Influence of anharmonicity and interlayer interaction on Raman spectra in mono- and few-layer MoS ₂ : A computational study. <i>Physica E: Low-Dimensional Systems and Nanostructures</i> , 2021 , 136, 114999 ³		2
74	Responsive Carbonized Polymer Dots for Optical Super-resolution and Fluorescence Lifetime Imaging of Nucleic Acids in Living Cells. <i>ACS Applied Materials & Interfaces</i> , 2021 , 13, 50733-50743	9.5	2
73	Rapid and Targeted Photoactivation of Ca Channels Mediated by Squaraine To Regulate Intracellular and Intercellular Signaling Processes. <i>Analytical Chemistry</i> , 2020 , 92, 8497-8505	7.8	2
72	Designing Sub-2 nm Organosilica Nanohybrids for Far-Field Super-Resolution Imaging. <i>Angewandte Chemie</i> , 2020 , 132, 756-761	3.6	2
71	A dual mode nanophotonics concept for in situ activation of brain immune cells using a photoswitchable yolk-shell upconversion nanoformulation. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2020 , 29, 102279	6	2
70	Real-Time Imaging of Short-Wave Infrared Luminescence Lifetimes for Anti-counterfeiting Applications. <i>Frontiers in Chemistry</i> , 2021 , 9, 659553	5	2

69	Theoretical study of Raman scattering in MoS ₂ xSe ₂ (1-x) layered alloys. <i>Journal of Raman Spectroscopy</i> , 2021 , 52, 1193-1205	2.3	2
68	Deep Penetration Microscopic Imaging with Non-Diffracting Airy Beams. <i>Membranes</i> , 2021 , 11,	3.8	2
67	Dose-Effect relationships for PBM in the treatment of Alzheimer's disease. <i>Journal Physics D: Applied Physics</i> , 2021 , 54, 353001	3	2
66	Biomedical application of graphitic carbon nitrides: tissue deposition, induction of reactive oxygen species (ROS) and cell viability in tumor cells. <i>Nanotechnology</i> , 2021 , 32,	3.4	2
65	Near-Infrared Irradiation Affects Lipid Metabolism in Neuronal Cells, Inducing Lipid Droplets Formation. <i>ACS Chemical Neuroscience</i> , 2019 , 10, 1517-1523	5.7	2
64	Morpho-Functional Characteristics of Bone Marrow Multipotent Mesenchymal Stromal Cells after Activation or Inhibition of Epidermal Growth Factor and Toll-Like Receptors or Treatment with DNA Intercalator Cisplatin. <i>Cytometry Part A: the Journal of the International Society for Analytical Cytology</i> , 2019 , 95, 21-29	4.6	2
63	Improving the image quality in STED nanoscopy using frequency spectrum modulation. <i>Journal of Biophotonics</i> , 2021 , 14, e202000402	3.1	2
62	Novel fluorescent probes based on nitrogen-sulfur co-doped carbon dots for chromium ion detection. <i>New Journal of Chemistry</i> , 2021 , 45, 4828-4834	3.6	2
61	Lifetime Division Multiplexing by Multilevel Encryption Algorithm. <i>ACS Nano</i> , 2021 , 15, 6257-6265	16.7	2
60	Investigating tunneling nanotubes in ovarian cancer based on two-photon excitation FLIM-FRET. <i>Biomedical Optics Express</i> , 2021 , 12, 1962-1973	3.5	2
59	Scanless multitarget-matching multiphoton excitation fluorescence microscopy. <i>Journal of Innovative Optical Health Sciences</i> , 2018 , 11, 1750013	1.2	2
58	Macrophages Modulated by Red/NIR Light: Phagocytosis, Cytokines, Mitochondrial Activity, Ca Influx, Membrane Depolarization and Viability. <i>Photochemistry and Photobiology</i> , 2021 ,	3.6	2
57	In vivo two-photon fluorescence lifetime imaging microendoscopy based on fiber-bundle.. <i>Optics Letters</i> , 2022 , 47, 2137-2140	3	2
56	Super-Multiplex Nonlinear Optical Imaging Unscrambles the Statistical Complexity of Cancer Subtypes and Tumor Microenvironment.. <i>Advanced Science</i> , 2021 , e2104379	13.6	2
55	Nanorefrigerative tweezers for optofluidic manipulation. <i>Applied Physics Letters</i> , 2022 , 120, 163701	3.4	2
54	Reaktitelbild: Glucose-Responsive Sequential Generation of Hydrogen Peroxide and Nitric Oxide for Synergistic Cancer Starving-Like/Gas Therapy (Angew. Chem. 5/2017). <i>Angewandte Chemie</i> , 2017 , 129, 1446-1446	3.6	1
53	Solution-Phase Synthesis of Few-Layer Hexagonal Antimonene Nanosheets via Anisotropic Growth. <i>Angewandte Chemie</i> , 2019 , 131, 9996-10001	3.6	1
52	Four-Photon Absorption Properties of Mn-Doped ZnSe Quantum Dots. <i>IEEE Photonics Journal</i> , 2019 , 11, 1-9	1.8	1

51	Combined remote LIBS and Raman system for identifying the composition of minerals 2015 ,		1
50	Time-resolved Two-photon Excitation Fluorescence Spectroscopy Using a Streak Camera 2007 ,		1
49	Identification and location of the pigment granules in the retinal pigment epithelium cells using fluorescence technology 2006 ,		1
48	Implementation of a fluorescence spatiotemporal modulation super-resolution microscope.. <i>Optics Letters</i> , 2022 , 47, 581-584	3	1
47	Aberration Correction to Optimize the Performance of Two-Photon Fluorescence Microscopy Using the Genetic Algorithm.. <i>Microscopy and Microanalysis</i> , 2022 , 1-7	0.5	1
46	Polar Side Chains Enhance Selection of Semiconducting Single-Walled Carbon Nanotubes by Polymer Wrapping. <i>Macromolecules</i> , 2022 , 55, 1386-1397	5.5	1
45	Hyperspectral imaging of rare-earth doped nanoparticles emitting in near- and short-wave infrared regions 2018 ,		1
44	Effect of NIR light on the permeability of the blood-brain barriers in models.. <i>Biomedical Optics Express</i> , 2021 , 12, 7544-7555	3.5	1
43	New advances in the research of stimulated emission depletion super-resolution microscopy. <i>Wuli Xuebao/Acta Physica Sinica</i> , 2020 , 69, 108702	0.6	1
42	A New Strategy for Increasing the Efficiency of Inverted Perovskite Solar Cells to More than 21%: High-Humidity Induced Self-Passivation of Perovskite Films. <i>Solar Rrl</i> , 2020 , 4, 2070094	7.1	1
41	Nonlinear scanning structured illumination microscopy based on nonsinusoidal modulation. <i>Journal of Innovative Optical Health Sciences</i> , 2142002	1.2	1
40	Nanosecond-order long-short fluorescence lifetime switchable encryption with enlarged coding capacity. <i>Nanophotonics</i> , 2021 , 10, 1889-1899	6.3	1
39	CH ₃ NH ₃ PbI ₃ Perovskite/Silver Nanowire Complex with Higher Absorption and Stability. <i>Journal of Electronic Materials</i> , 2021 , 50, 5177	1.9	1
38	Laser-induced recoverable fluorescence quenching of perovskite films at a microscopic grain-scale. <i>Energy and Environmental Materials</i> ,	13	1
37	Tunable plasmonic focus array generated by Damman grating in tightly focusing system. <i>Journal of Optics (United Kingdom)</i> , 2019 , 21, 015001	1.7	1
36	Discrimination of wet or dried arterial and venous blood for forensic applications via eosin fluorescence lifetime. <i>Sensors and Actuators B: Chemical</i> , 2020 , 304, 127018	8.5	1
35	Disulfide-Reduction-Triggered Spontaneous Photoblinking Cy5 Probe for Nanoscopic Imaging of Mitochondrial Dynamics in Live Cells. <i>Analytical Chemistry</i> , 2021 , 93, 2596-2602	7.8	1
34	Super-resolution Microscopy for Biological Imaging. <i>Advances in Experimental Medicine and Biology</i> , 2021 , 3233, 23-43	3.6	1

33	Monitoring the extracellular matrix remodeling of high-grade serous ovarian cancer with nonlinear optical microscopy. <i>Journal of Biophotonics</i> , 2021 , 14, e202000498	3.1	1
32	Super-Resolution Image Reconstruction Based on Single-Molecule Localization Algorithm. <i>Photonics</i> , 2021 , 8, 273	2.2	1
31	Low-Power Two-Color Stimulated Emission Depletion Microscopy for Live Cell Imaging. <i>Biosensors</i> , 2021 , 11,	5.9	1
30	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. <i>Dyes and Pigments</i> , 2021 , 194, 109627	4.6	1
29	Bi2O2Se nanosheets/reduced graphene oxide composites for all-solid-state flexible asymmetric supercapacitors with enhanced stability. <i>Journal of Solid State Chemistry</i> , 2021 , 303, 122487	3.3	1
28	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> , 2022 , 140, 115213	3	1
27	Super-resolution imaging of the dynamic cleavage of intercellular tunneling nanotubes. <i>Frontiers of Optoelectronics</i> , 2020 , 13, 318-326	2.8	0
26	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> , 2022 , 227, 112388	6.7	0
25	High-Sensitive Surface Plasmon Resonance Imaging Biosensor Based on Dual-Wavelength Differential Method.. <i>Frontiers in Chemistry</i> , 2021 , 9, 801355	5	0
24	Phasor analysis of fluorescence lifetime data and its application. <i>Wuli Xuebao/Acta Physica Sinica</i> , 2020 , 69, 168703	0.6	0
23	Investigation of apoptosis based on fluorescence lifetime imaging microscopy with a mitochondria-targeted viscosity probe.. <i>RSC Advances</i> , 2021 , 11, 38750-38758	3.7	0
22	CH3NH3PbI3 Perovskite with Enhanced Absorption and Stability Using Silver Nanowires and the Anatase Structure of TiO2 Nanowires. <i>Journal of Electronic Materials</i> , 1	1.9	0
21	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> , 2021 , 17, 2170216	11	0
20	Metamorphic InAs/InGaAs Quantum Dot Structures: Photoelectric Properties and Deep Levels. <i>Springer Proceedings in Physics</i> , 2020 , 319-336	0.2	0
19	Noninvasive and real-time monitoring of Au nanoparticle promoted cancer metastasis using in vivo flow cytometry. <i>Biomedical Optics Express</i> , 2021 , 12, 1846-1857	3.5	0
18	Optoelectronic devices based on the integration of halide perovskites with silicon-based materials. <i>Journal of Materials Chemistry A</i> , 2021 , 9, 20919-20940	13	0
17	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> , 2021 , 17, 2170033	11	0
16	Modeling very high electron heating by radio frequency waves on EAST. <i>Nuclear Fusion</i> , 2021 , 61, 096026.3	6.3	0

15	Cd-free InP/ZnSeS quantum dots for ultrahigh-resolution imaging of stimulated emission depletion. <i>Journal of Biophotonics</i> , 2021 , 14, e202100230	3.1	○
14	Study on Aberration Correction of Adaptive Optics Based on Convolutional Neural Network. <i>Photonics</i> , 2021 , 8, 377	2.2	○
13	Facile one-pot solvothermal preparation of two-dimensional Ni-based metal-organic framework microsheets as a high-performance supercapacitor material.. <i>RSC Advances</i> , 2021 , 11, 8362-8366	3.7	○
12	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> , 2022 , 13, 2266-2277	3.5	○
11	Recent Progress in the Correlative Structured Illumination Microscopy. <i>Chemosensors</i> , 2021 , 9, 364	4	○
10	Nondestructive in situ detection of microbubble defects in the screen by optical coherence tomography. <i>European Physical Journal: Special Topics</i> , 1	2.3	○
9	Multi-Color Two-Photon Microscopic Imaging Based on a Single-Wavelength Excitation. <i>Biosensors</i> , 2022 , 12, 307	5.9	○
8	Mitochondrial structural variations in the process of mitophagy.. <i>Journal of Biophotonics</i> , 2022 , e202200006		
7	Study on a novel probe for stimulated emission depletion Super-resolution Imaging of Mitochondria. <i>Wuli Xuebao/Acta Physica Sinica</i> , 2020 , 69, 168702	0.6	
6	Observations of intracellular second-harmonic generation imaging in black phosphorus nanosheets. <i>Journal of Innovative Optical Health Sciences</i> , 2021 , 14, 2041006	1.2	
5	New advances in biomedical applications of multiphoton imaging technology. <i>Wuli Xuebao/Acta Physica Sinica</i> , 2020 , 69, 228702	0.6	
4	Luminescent probes for luminescence lifetime sensing and imaging in live cells: a narrative review. <i>Journal of Bio-X Research</i> , 2020 , 3, 174-182	0.4	
3	Method to improve the tunable capacity of time-resolved encoding to a xanthene dye. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2020 , 229, 117943	4.4	
2	Photoelectronic mechanism investigation of the structural transformation of CH ₃ NH ₃ PbI ₃ perovskites from a subnanosheet to a microwire. <i>Materials Advances</i> , 2020 , 1, 3208-3214	3.3	
1	Low Threshold and Long-Range Propagation Plasmonic Nanolaser Enhanced by Black Phosphorus Nanosheets. <i>Advanced Theory and Simulations</i> , 2021 , 4, 2100087	3.5	