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#	Paper	IF	Citations
1628	Novel bright-emission small-molecule NIR-II fluorophores for tumor imaging and image-guided surgery. <b>2017</b> , 8, 3489-3493		184
1627	Recent advances in carbon based nanosystems for cancer theranostics. <b>2017</b> , 5, 901-952		139
1626	Single-walled carbon nanotubes as optical probes for bio-sensing and imaging. <b>2017</b> , 5, 6511-6522		69
1625	Enhanced Red Upconversion Emission of NaYF4:Yb3+, Er3+, Mn2+ Nanoparticles for Near-infrared-induced Photodynamic Therapy and Fluorescence Imaging. <b>2017</b> , 46, 1076-1078		22
1624	Confining Excitation Energy in Er -Sensitized Upconversion Nanocrystals through Tm -Mediated Transient Energy Trapping. <b>2017</b> , 56, 7605-7609		188
1623	Confining Excitation Energy in Er3+-Sensitized Upconversion Nanocrystals through Tm3+-Mediated Transient Energy Trapping. <b>2017</b> , 129, 7713-7717		34
1622	Amorphous porphyrin glasses exhibit near-infrared excimer luminescence. <b>2017</b> , 7, 22679-22683		15
1621	Near-infrared photoluminescence biosensing platform with gold nanorods-over-gallium arsenide nanohorn array. <b>2017</b> , 97, 278-284		11
1620	Emerging strategies in near-infrared light triggered drug delivery using organic nanomaterials. <b>2017</b> , 5, 1491-1499		19
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1617	Triblock near-infrared fluorescent polymer semiconductor nanoparticles for targeted imaging. <b>2017</b> , 5, 5685-5692		10
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1614	Chemical antagonism between photodynamic agents and chemotherapeutics: mechanism and avoidance. <b>2017</b> , 53, 12438-12441		8
1613	Antibacterial Narrow-Band-Gap Conjugated Oligoelectrolytes with High Photothermal Conversion Efficiency. <b>2017</b> , 129, 16279-16282		8
1612	Evaluation of a Centyrin-Based Near-Infrared Probe for Fluorescence-Guided Surgery of Epidermal Growth Factor Receptor Positive Tumors. <b>2017</b> , 28, 2865-2873		18

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# (2018-2018)

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1555	3D NIR-II Molecular Imaging Distinguishes Targeted Organs with High-Performance NIR-II Bioconjugates. <b>2018</b> , 30, e1705799	111
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1518	Activatable probes for diagnosing and positioning liver injury and metastatic tumors by multispectral optoacoustic tomography. <b>2018</b> , 9, 3983	95
1517	Spinning-disc confocal microscopy in the second near-infrared window (NIR-II). <b>2018</b> , 8, 13770	17
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1505	In Vivo Contactless Brain Nanothermometry. <b>2018</b> , 28, 1806088	46
1504	Photodynamic Therapy Based on Nanoscale Metal-Organic Frameworks: From Material Design to Cancer Nanotherapeutics. <b>2018</b> , 13, 3122-3149	55

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1502	In Vivo Early Tumor Detection and Diagnosis by Infrared Luminescence Transient Nanothermometry. <b>2018</b> , 28, 1803924	54
1501	Theranostic Colloidal Nanoparticles of Pyrrolopyrrole Cyanine Derivatives for Simultaneous Near-Infrared Fluorescence Cancer Imaging and Photothermal Therapy <b>2018</b> , 1, 1109-1117	7
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1494	Bright Aggregation-Induced-Emission Dots for Targeted Synergetic NIR-II Fluorescence and NIR-I Photoacoustic Imaging of Orthotopic Brain Tumors. <b>2018</b> , 30, e1800766	246
1493	The development of fluorescence guided surgery for pancreatic cancer: from bench to clinic. <b>2018</b> , 18, 651-662	19
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1269	Precise In Vivo Inflammation Imaging Using In Situ Responsive Cross-linking of Glutathione-Modified Ultra-Small NIR-II Lanthanide Nanoparticles. <b>2019</b> , 131, 2072-2076	31
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# (2020-2019)

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1068	Introductory lecture: origins and applications of efficient visible photoluminescence from silicon-based nanostructures. <b>2020</b> , 222, 10-81	31
1067	NIR-II Light Activated Photosensitizer with Aggregation-Induced Emission for Precise and Efficient Two-Photon Photodynamic Cancer Cell Ablation. <b>2020</b> , 30, 2002546	35
1066	A polymeric prodrug for non-invasive, real-time reporting drug release based on <b>B</b> urn-on fluorescent probes. <b>2020</b> , 154, 104649	1
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1042	High-Resolution Shortwave Infrared Imaging of Vascular Disorders Using Gold Nanoclusters. <b>2020</b> , 14, 4973-4981	28
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10	18	Deep Fluorescence Imaging by Laser-Scanning Excitation and Artificial Neural Network Processing. <b>2020</b> , 8, 2000390	2	

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## (2021-2021)

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# (2021-2021)

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# (2021-2021)

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309	Organic single molecule based nano-platform for NIR-II imaging and chemo-photothermal synergistic treatment of tumor. <b>2022</b> , 287, 121670	2
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307	Synthesis strategies, luminescence mechanisms, and biomedical applications of near-infrared fluorescent carbon dots. <b>2022</b> , 470, 214703	8
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305	Spectral Regulation and Efficiency Optimization in Cr 3+ -Doped Gadolinium Aluminum Gallium Garnet Near-Infrared Ceramic Phosphors via Crystal-Field Engineering. 2200519	0
304	NIR fluorescence imaging and treatment for cancer immunotherapy. <b>2022</b> , 10, e004936	1
303	Fluorescent Tracers for In Vivo Imaging of Lymphatic Targets. 13,	Ο
302	An achromatic metafiber for focusing and imaging across the entire telecommunication range. <b>2022</b> , 13,	8
301	On Some Current Challenges in High-Resolution Optical Bioimaging.	1
300	Resonant Strategy in Designing NIR-II SERS Nanotags: A Quantitative Study.	1
299	Photodynamic Alzheimer disease therapy: From molecular catalysis to photo-nanomedicine. <b>2022</b> , 470, 214726	O
298	Management of fluorescent organic/inorganic nanohybrids for biomedical applications in the NIR-II region.	6

297 Nanotracker[for superior early disease diagnosis. 2022, 1,

296	NIR-II fluorescence/photoacoustic imaging of ovarian cancer and peritoneal metastasis.	2
295	Complement-Opsonized NIR-IIb Emissive Immunotracers for Dynamically Monitoring Neutrophils in Inflammation-Related Diseases. <b>2022</b> , 34, 2203477	1
294	Label-Free Delineation of Human Uveal Melanoma Infiltration With Pump <b>B</b> robe Microscopy. 12,	
293	Construction of Long-Wavelength Emissive Organic Nanosonosensitizer Targeting Mitochondria for Precise and Efficient In Vivo Sonotherapy. 2207259	6
292	A biomineral-inspired approach of synthesizing colloidal persistent phosphors as a multicolor, intravital light source. <b>2022</b> , 8,	O
291	Ultrahigh Photogain Short-Wave Infrared Detectors Enabled by Integrating Graphene and Hyperdoped Silicon. <b>2022</b> , 16, 12777-12785	2
290	Lighting Nanoscale Insulators by Steric Restriction-Induced Emissions.	
289	Bioorthogonal Lanthanide Molecular Probes for Near-Infrared Fluorescence and Mass Spectrometry Imaging.	_
288	Contrast Agents for Photoacoustic Imaging: A Review Focusing on the Wavelength Range. <b>2022</b> , 12, 594	2
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285	An Activatable and Reversible Virus-Mimicking NIR-II Nanoprobe for Monitoring the Progression of Viral Encephalitis.	
284	An Introduction to Small Molecule Fluorescent Sensors. <b>2022</b> , 1-35	
283	Bioinspired large Stokes shift small molecular dyes for biomedical fluorescence imaging. <b>2022</b> , 8,	1
282	Gold Nanoclusters-Based NIR-II Photosensitizers with Catalase-like Activity for Boosted Photodynamic Therapy. <b>2022</b> , 14, 1645	3
281	Surface Plasmon-Enhanced NIR-II Fluorescence in a Multilayer Nanoprobe for Through-Skull Mouse Brain Imaging.	3
280	Bioorthogonal Lanthanide Molecular Probes for Near-Infrared Fluorescence and Mass Spectrometry Imaging.	O

279	Rational Design of NIR-II AIEgens with Ultrahigh Quantum Yields for Photo- and Chemiluminescence Imaging. <b>2022</b> , 144, 15391-15402	9
278	Rational Molecular Engineering of Organic Semiconducting Nanoplatforms for Advancing NIR-II Fluorescence Theranostics. 2201067	1
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276	An Activatable and Reversible Virus-Mimicking NIR-II Nanoprobe for Monitoring the Progression of Viral Encephalitis.	2
275	Enhanced Thermal Stability and Energy Transfer by Crystal-Field Engineering in a Garnet Phosphor for Thermometry and NIR-LED. 2201308	1
274	Long wavelengthBmissive Ru(II) metallacycleBased photosensitizer assisting in vivo bacterial diagnosis and antibacterial treatment. <b>2022</b> , 119,	9
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271	Recent progress on the development of fluorescent probes targeting the translocator protein 18[kDa (TSPO). <b>2022</b> , 655, 114854	О
270	NIR-II bioimaging of small molecule fluorophores: From basic research to clinical applications. <b>2022</b> , 216, 114620	1
269	Emerging NIR-II luminescent bioprobes based on lanthanide-doped nanoparticles: From design towards diverse bioapplications. <b>2022</b> , 471, 214745	О
268	Advancing biomedical applications via manipulating intersystem crossing. 2022, 471, 214754	4
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266	Cubic upconversion nanoparticles used as the theranostic system for the treatment and diagnosis of angiogenesis-related diseases. <b>2022</b> , 16, 100285	
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264	Highly bright aggregation-induced emission nanodots for precise photoacoustic/NIR-II fluorescence imaging-guided resection of neuroendocrine neoplasms and sentinel lymph nodes. <b>2022</b> , 289, 121780	2
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262	Transition metal complex-based smart AIEgens explored for cancer diagnosis and theranostics. <b>2022</b> , 473, 214822	O

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253	Control of near-infrared dye fluorescence lifetime in all-polymer microcavities. 2022, 6, 2413-2421	0
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251	Lipoprotein interactions with water-soluble NIR-II emitting aza-BODIPYs boost the fluorescence signal and favor selective tumor targeting.	1
250	OrganicIhorganic Nanohybrids in Medicine. <b>2022</b> , 77-106	O
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248	Lanthanide-doped NaYF4 near-infrared-II nanothermometers for deep tissue temperature sensing. <b>2022</b> ,	O
247	Multimodality system of x-ray and fluorescence based on Fourier single-pixel imaging for small animals. <b>2022</b> , 27,	O
246	Omniparticle Contrast Agent for Multimodal Imaging: Synthesis and Characterization in an Animal Model.	O
245	A novel near-infrared fluorescent probe for rapid sensing of HClO in living cells and zebrafish. 10,	O
244	Clinical effectiveness and prospects of methylene blue: A systematic review.	Ο

243	The Potential of Antibody Technology and Silver Nanoparticles for Enhancing Photodynamic Therapy for Melanoma. <b>2022</b> , 10, 2158	О
242	Trianionic 1,3,2-Dioxaborine-Containing Polymethines: Bright Near-Infrared Fluorophores.	О
241	Coumarin derivative dye sensitized NaYGdF4:Yb,Er nanoparticles with enhanced NIR II luminescence for bio-vascular imaging. <b>2022</b> ,	О
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239	Extraordinarily Transparent Metaldielectrics for Infrared and Terahertz Applications. 2022, 3, 2200190	1
238	Self-Splittable Transcytosis Nanoraspberry for NIR-II Photo-Immunometabolic Cancer Therapy in Deep Tumor Tissue. 2204067	О
237	Fluorescence Imaging in Second Near-infrared Window: Developments, Challenges, and Opportunities. 2200087	О
236	Application of Quantum Dots in Bio-Sensing, Bio-Imaging, Drug Delivery, Anti-Bacterial Activity, Photo-Thermal, Photo-Dynamic Therapy, and Optoelectronic Devices.	1
235	Ultrabright Renal-Clearable Cyanine-Protein Nanoprobes for High-Quality NIR-II Angiography and Lymphography.	1
234	Self-illuminating NIR-II bioluminescence imaging probe based on silver sulfide quantum dots.	О
233	IR783 Encapsulated in TR-Conjugated Liposomes for Enhancing NIR Imaging-Guided Photothermal and Photodynamic Therapy**. <b>2022</b> , 7,	0
232	High-Contrast Detection of Somatostatin Receptor Subtype-2 for Fluorescence-Guided Surgery.	O
231	Molecular Tailoring Based on Forster Resonance Energy Transfer for Initiating Two-Photon Theranostics with Amplified Reactive Oxygen Species.	0
230	Chemistry-Informed Machine Learning Enables Discovery of DNA-Stabilized Silver Nanoclusters with Near-Infrared Fluorescence.	1
229	Ultra-bright near-infrared-IIb emitting Zn-doped Ag2Te quantum dots for noninvasive monitoring of traumatic brain injury.	О
228	A LRET Toolbox Consisting of Lanthanide and Amorphous Manganese Oxide for NIR-II Luminescence Lifetime Imaging of Tumor Redox Status.	O
227	In silico investigation of a series of D-A-D structured chain thiophene photosensitizers for photodynamic therapy.	О
226	A Through-Intact-Skull (TIS) chronic window technique for cortical structure and function observation in mice. <b>2022</b> , 2,	2

225	Bichromatic Imaging with Hemicyanine Fluorophores Enables Simultaneous Visualization of Non-alcoholic Fatty Liver Disease and Metastatic Intestinal Cancer. <b>2022</b> , 94, 13556-13565	3
224	Toroidal Dipole-Induced Photocurrent Enhancement in Si Nanodisk Hexagonal Array below the Band Gap.	o
223	A LRET Toolbox Consisting of Lanthanide and Amorphous Manganese Oxide for NIR-II Luminescence Lifetime Imaging of Tumor Redox Status.	1
222	Ultradeep Photothermal Therapy Strategies. 9564-9572	1
221	Near-Infrared-Absorbing BN Lewis Pair-Functionalized Anthracenes: Electronic Structure Tuning, Conformational Isomerism, and Applications in Photothermal Cancer Therapy.	4
220	A multi-material platform for imaging of single cell-cell junctions under tensile load fabricated with two-photon polymerization. <b>2022</b> , 24,	O
219	Airy beam assisted NIR-II light-sheet microscopy. <b>2022</b> , 47, 101628	O
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214	In vivo fluorescence imaging: success in preclinical imaging paves the way for clinical applications. <b>2022</b> , 20,	3
213	Activity-Based Sensing for Chemistry-Enabled Biology: Illuminating Principles, Probes, and Prospects for Boronate Reagents for Studying Hydrogen Peroxide.	1
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211	Excited-State Intramolecular Proton Transfer Parent Core Engineering for Six-Level System Lasing Toward 900 nm.	2
210	Recent advances in optical imaging through deep tissue: imaging probes and techniques. <b>2022</b> , 26,	1
209	NIR-II AIEgens with Photodynamic Effect for Advanced Theranostics. <b>2022</b> , 27, 6649	1
208	Transcranial Non-genetic Neuromodulation Via Bioinspired Vesicle-Enabled Precise NIR-II Optical-stimulation. 2208601	O

207	Orthogonal excitations of lanthanide nanoparticle up/down conversion emissions via switching NIR lights for in-vivo theranostics. <b>2022</b> , 121873	1
206	J-aggregates of Br- and piperazine-modified cyanine dye with the assistance of amphiphilic polypeptides for efficient NIR-IIa phototheranostics under 1064 nm irradiation. <b>2022</b> ,	O
205	Structures and Applications of NIR-II AIEgens Containing Benzobisthiadiazole Derivatives.	О
204	Highly Efficient Near-IR Photothermal Microneedles with Flame-Made Plasmonic Nanoaggregates for Reduced Intradermal Nanoparticle Deposition. 2201540	O
203	Optical Tissue Phantoms for Quantitative Evaluation of Surgical Imaging Devices. 2200194	О
202	New anti-cancer explorations based on metal ions. <b>2022</b> , 20,	1
201	Excited-State Intramolecular Proton Transfer Parent Core Engineering for Six-Level System Lasing Toward 900 nm.	О
200	Recent Advances of Anticancer Studies Based on Nano-Fluorescent Metal-Organic Frameworks.	O
199	NIR-II Fluorescence Imaging-Guided Oxygen Self-Sufficient Nano-Platform for Precise Enhanced Photodynamic Therapy. 2205647	О
198	Injectable agarose hydrogels and doxorubicin-encapsulated iron-gallic acid nanoparticles for chemodynamic-photothermal synergistic therapy against osteosarcoma. 10,	1
197	A Water-Soluble AIEgen for Noninvasive Diagnosis of Kidney Fibrosis via SWIR Fluorescence and Photoacoustic Imaging. 2206643	4
196	Design and Properties of Antimicrobial Biomaterials Surfaces. 2202073	O
195	Nanomaterials for NIR-II Photoacoustic Imaging. 2202208	2
194	Achieving the ultra-broadband near-infrared La3SnGa5O14:Cr3+ phosphor via multiple lattice sites occupation for biological nondestructive detection and night-vision technology. <b>2022</b> , 16, 100305	O
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192	Exploration of connexin-43 modulating, multifunctional silver nanocluster-hydrogel system for theranostic management of cancer. <b>2022</b> , 26, 101213	1
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190	Optical multiplexing of upconversion in nanoparticles towards emerging applications. <b>2023</b> , 452, 139649	2

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188	Second Near-infrared Light-activatable CO nanogenerator for enhanced cancer Photo-theranostics. <b>2023</b> , 453, 139888	O
187	Development of nanotechnology-mediated precision radiotherapy for anti-metastasis and radioprotection.	1
186	Discovery of Resonance-Enhanced Emission Effect and its Application in Fluorescent Molecule Design.	O
185	Sensitization Pathways in NIR-Emitting Yb(III) Complexes Bearing 0, +1, +2, or +3 Charges.	O
184	Nanoengineering of Egyptian Blue Nanosheets: Advantages and Limitations for Near-Infrared Photoluminescence Applications.	O
183	Image restoration of degraded time-lapse microscopy data mediated by infrared-imaging.	O
182	Macrophage In Vitro and In Vivo Tracking via Anchored Microcapsules.	1
181	Enabling efficient NIR-II luminescence in lithium-sublattice coreBhell nanocrystals towards Stark sublevel based nanothermometry.	1
180	Long-Lived Second Near-Infrared Luminescent Probes: An Emerging Role in Time-Resolved Luminescence Bioimaging and Biosensing. 2200131	O
179	Design and application of organic contrast agents for molecular imaging in the second near infrared (NIR-II) window. <b>2022</b> , 28, 100426	1
178	Preparation and applications of polymer-modified lanthanide-doped upconversion nanoparticles. <b>2022</b> , 12, 100130	O
177	Site-Selective Occupancy Control of Cr Ions toward Ultrabroad-Band Infrared Luminescence with a Spectral Width up to 419 nm.	0
176	NIR-II Responsive Upconversion Nanoprobe with Simultaneously Enhanced Single-Band Red Luminescence and Phase/Size Control for Bioimaging and Photodynamic Therapy. 2207038	O
175	Tailored NIR-II Lanthanide Luminescent Nanocrystals for Improved Biomedical Application. 2202039	O
174	Effective design of organic luminogens for near-infrared-II fluorescence imaging and photo-mediated therapy. <b>2022</b> , 10, 9770-9788	O
173	Amylase degradation enhanced NIR photothermal therapy and fluorescence imaging of bacterial biofilm infections.	1
172	Design strategies and applications of smart optical probes in the second near-infrared window. <b>2023</b> , 192, 114637	1

171	Photoacoustic/fluorescence dual-modality cyanine-based probe for real-time imaging of endogenous cysteine and in situ diagnosis of cervical cancer in vivo. <b>2023</b> , 1239, 340713	O
170	AIE nanocrystals: Emerging nanolights with ultra-high brightness for biological application. <b>2023</b> , 477, 214944	1
169	An oral ratiometric NIR-II fluorescent probe for reliable monitoring of gastrointestinal diseases in vivo. <b>2023</b> , 293, 121956	O
168	Water-dispersed semiconducting polymer for NIR-II fluorescence imaging and NIR-II laser-triggered photothermal therapy. <b>2023</b> , 210, 110960	O
167	Isolation-free measurement of single urinary extracellular vesicles by imaging flow cytometry. <b>2023</b> , 48, 102638	O
166	Demonstrating HOCl as a potential biomarker for liver fibrosis using a highly sensitive fluorescent probe. <b>2023</b> , 378, 133219	O
165	Covalent conjugation of proteins onto fluorescent single-walled carbon nanotubes for biological and medical applications.	1
164	Biomedical applications and prospects of temperature-orchestrated photothermal therapy. <b>2022</b> , 1,	O
163	Non-invasive molecular imaging for precision diagnosis of metastatic lymph nodes: opportunities from preclinical to clinical applications.	O
162	In Response to Precision Medicine: Current Subcellular Targeting Strategies for Cancer Therapy. 2209529	1
161	Emerging Sonodynamic Therapy-Based Nanomedicines for Cancer Immunotherapy. 2204365	1
160	New insight into the application of fluorescence platforms in tumor diagnosis: From chemical basis to clinical application.	O
159	Semiconducting Polymer Nanoparticles in the Second Near-Infrared Region for Biomedical Imaging and Therapy. 2202052	1
158	Near-Infrared Mechanoluminescence of Cr 3+ Doped Gallate Spinel and Magnetoplumbite Smart Materials. 2209275	2
157	Highly Sensitive Broadband Phototransistors Based on Gradient Tin/Lead Mixed Perovskites. 2205976	O
156	In vivo bioorthogonal labeling of rare-earth doped nanoparticles for improved NIR-II tumor imaging by extracellular vesicle-mediated targeting.	O
155	Dual-Modality Molecular Imaging of Tumor via Quantum Dots-LiposomeMicrobubble Complexes. <b>2022</b> , 14, 2510	0
154	An Apoptotic Body-based Vehicle with Navigation for Photothermal-Immunotherapy by Precise Delivery and Tumor Microenvironment Regulation. 2212118	O

153	LnNP@ZIF8 Smart System for In Situ NIR-II Ratiometric Imaging-Based Tumor Drug Resistance Evaluation. <b>2022</b> , 12, 4478	0
152	Enhancing NIR-II Phosphorescence through Phosphorescence Resonance Energy Transfer for Tumor-Hypoxia Imaging. 116-124	О
151	A rationally designed cancer vaccine based on NIR-II fluorescence image-guided light-triggered remote control of antigen cross-presentation and autophagy. <b>2022</b> ,	1
150	Eosin Y-Functionalized Upconverting Nanoparticles: Nanophotosensitizers and Deep Tissue Bioimaging Agents for Simultaneous Therapeutic and Diagnostic Applications. <b>2023</b> , 15, 102	O
149	NIR-II Dyad-Doped Ratiometric Nanosensor with Enhanced Spectral Fidelity in Biological Media for In Vivo Biosensing. <b>2022</b> , 22, 9732-9740	1
148	Shortwave infrared fluorofluorophores for multicolor in vivo imaging.	O
147	The Coming of Age of Neodymium: Redefining Its Role in Rare Earth Doped Nanoparticles.	0
146	Shortwave infrared fluorofluorophores for multicolor in vivo imaging.	O
145	Adjustable near-infrared fluorescence lifetime emission of biocompatible rare-earth-doped nanoparticles for in vivo multiplexing. <b>2022</b> , 100225	0
144	Increasing Molecular Planarity through Donor/Side-Chain Engineering for Improved NIR-IIa Fluorescence Imaging and NIR-II Photothermal Therapy under 1064 nm.	0
143	Hypercorroles Formed via the Tail that Wagged the Dog: Charge Transfer Interactions from Innocent Corroles to Meso-Nitrophenyl Substituents. <b>2022</b> , 61, 20576-20586	0
142	Repurposing organic semiconducting nanomaterials to accelerate clinical translation of NIR-II fluorescence imaging.	O
141	Cellulose Nanocrystal Films with NIR-II Circularly Polarized Light for Cancer Detection Applications.	0
140	Increasing Molecular Planarity through Donor/Side-Chain Engineering for Improved NIR-IIa Fluorescence Imaging and NIR-II Photothermal Therapy under 1064 nm.	O
139	Noninvasive Gastrointestinal Tract Imaging Using BSA-Ag2Te Quantum Dots as a CT/NIR-II Fluorescence Dual-Modal Imaging Probe in Vivo.	0
138	Heteroatom substitution for the development of near-IR lumiphores. 2022,	O
137	Multimodal molecular imaging in the second near-infrared window.	О
136	Nanoparticles with ultrasound-induced afterglow luminescence for tumour-specific theranostics.	1

135	Covalently Functionalized Egyptian Blue Nanosheets for Near-Infrared Bioimaging.	0
134	Al(III) and Ga(III) Bisphenolate Azadipyrromethene-Based N2O2Complexes as Efficient NIR-Fluorophores.	O
133	Photostable Small-Molecule NIR-II Fluorescent Scaffolds that Cross the Blood ${f B}$ rain Barrier for Noninvasive Brain Imaging.	1
132	In Vivo Surface-Enhanced Transmission Raman Spectroscopy under Maximum Permissible Exposure: Toward Photosafe Detection of Deep-Seated Tumors. 2201334	O
131	Highly Sensitive Tin-Lead Perovskite Photodetectors with Over 450 Days Stability Enabled by Synergistic Engineering for Pulse Oximetry System. 2210016	0
130	Size Control and Improved Aqueous Colloidal Stability of Surface-Functionalized ZnGa2O4:Cr3+Bright Persistent Luminescent Nanoparticles.	O
129	Ag2BxBixS Quantum Dots as Single-Component Theranostic Agents for Second Near-Infrared Fluorescence Imaging-Guided Photothermal Therapy.	0
128	Semiconducting polymer nanoparticles containing ether chain substituted bithiophene as a twisted donor unit for effective NIR-II photoacoustic imaging. <b>2023</b> , 111114	O
127	Recent Advances in Activatable NIR-II Organic Fluorophores for Biomedical Applications.	Ο
126	High Sensitivity Near-Infrared Imaging of Fluorescent Nanosensors. 2206856	O
125	Preclinical evaluation of molecularly targeted fluorescent probes in perfused amputated human limbs. <b>2023</b> , 28,	0
124	NIR-Sensing Ambipolar Organic Phototransistors with Conjugated Terpolymer Layers Based on Diketopyrrolopyrrole-Benzothiadiazole-Naphthalenediimide Comonomer Units.	0
123	Xanthene-based functional dyes: towards new molecules operating in the near-infrared region.	0
122	DUCNP@MnMOF/FOE as a Highly Selective and Bioavailable Drug Delivery System for Synergistic Combination Cancer Therapy.	O
121	Thiophene and diaminobenzo- (1,2,5-thiadiazol)- based DAD-type near-infrared fluorescent probe for nitric oxide: A theoretical research. 10,	0
120	Furan Donor for NIR-II Molecular Fluorophores with Enhanced Bioimaging Performance. 2023, 6,	0
119	Second near-infrared window fluorescence nanoprobes for deep-tissue in vivo multiplexed bioimaging. <b>2023</b> , 193, 114697	0
118	Microbial metabolites diversity and their potential as molecular template for the discovery of new fluorescent and radiopharmaceutical probes. <b>2023</b> , 159, 116900	O

117	A ratiometric near-infrared fluorescence/photoacoustic dual-modal probe with strong donor dithienopyrrole for in vivo nitric oxide detection. <b>2023</b> , 294, 121993	O
116	Application of a novel coumarin-derivative near-infrared fluorescence probe to amyloid-fimaging and inhibition in Alzheimer's disease. <b>2023</b> , 256, 119661	O
115	Dextran Sulfate Nanocarriers: Design, Strategies and Biomedical Applications. <b>2023</b> , 24, 355	0
114	Observing Single Cells in Whole Organs with Optical Imaging.	1
113	De Novo Design of Reversibly pH-Switchable NIR-II Aggregation-Induced Emission Luminogens for Efficient Phototheranostics of Patient-Derived Tumor Xenografts. <b>2023</b> , 145, 334-344	1
112	A new intramolecular proton transfer (ESIPT)-based fluorescent probe for selective visualization of cyanide ion. 20220068	O
111	Charges-Enhanced Molybdenum Disulfide Nanozyme Activity for Ultrasound-Mediated Cascade-Catalytic Tumor Ferroptosis.	O
110	Near-Infrared Blinking Carbon Dots Designed for Quantitative Nanoscopy. <b>2023</b> , 23, 124-131	O
109	A Biocompatible Probe for the Detection of Neutrophil Elastase Free from the Interference of Structural Changes and Its Application to Ratiometric Photoacoustic Imaging In Vivo.	O
108	A Biocompatible Probe for the Detection of Neutrophil Elastase Free from the Interference of Structural Changes and Its Application to Ratiometric Photoacoustic Imaging In Vivo.	O
107	Construction of a 980 nm laser-activated Pt(II) metallacycle nanosystem for efficient and safe photo-induced bacteria sterilization. <b>2023</b> , 66, 155-163	6
106	Near-Infrared Probes for Biothiols (Cysteine, Homocysteine, and Glutathione): A Comprehensive Review. <b>2023</b> , 8, 98-126	O
105	Near-infrared luminescence high-contrast in vivo biomedical imaging. 2023, 1, 60-78	1
104	ZGSO Spinel Nanoparticles with Dual Emission of NIR Persistent Luminescence for Anti-Counterfeiting Applications. <b>2023</b> , 16, 1132	1
103	Second Near-Infrared (NIR-II) Window for Imaging-Navigated Modulation of Brain Structure and Function. 2206044	O
102	Shortwave Infrared Luminescence of Tetravalent Chromium and Divalent Nickel: Phosphor Design Principles and Applications.	O
101	Acid-Triggered Switchable Near-Infrared/Shortwave Infrared Absorption and Emission of Indolizine-BODIPY Dyes. <b>2023</b> , 28, 1287	1
100	Self-Assembly of Precisely Fluorinated Albumin for Dual Imaging-Guided Synergistic ChemoPhotothermalPhotodynamic Cancer Therapy. <b>2023</b> , 15, 2665-2678	1

99	Magnetoresponsive fluorescent coreBhell nanoclusters for biomedical applications.	O
98	Preparation of near-infrared AIEgen-active fluorescent probes for mapping amyloid-plaques in brain tissues and living mice.	O
97	The advances in functionalized carbon nanomaterials for drug delivery. 2023, 197-241	О
96	Recent Advances in N-Heterocyclic Small Molecules for Synthesis and Application in Direct Fluorescence Cell Imaging. <b>2023</b> , 28, 733	O
95	Whole-mouse clearing and imaging at the cellular level with vDISCO.	O
94	Low-Dose NIR-II Preclinical Bioimaging Using Liposome-Encapsulated Cyanine Dyes. 2206544	O
93	NIR-Photocontrolled Aqueous RAFT Polymerization with Polymerizable Water-Soluble Zinc Phthalocyanine as Photocatalyst. 165-171	O
92	NIR-II absorbing organic nanoagents for photoacoustic imaging and photothermal therapy.	O
91	Gold Nanocluster Encapsulated Nanorod for Tumor Microenvironment Simultaneously Activated NIR-II Photoacoustic/Photothermal Imaging and Cancer Therapy. 2200350	0
90	Principles and applications of sono-optogenetics. <b>2023</b> , 194, 114711	O
89	Photoinduced electron transfer (PeT) based fluorescent probes for cellular imaging and disease therapy. <b>2023</b> , 52, 2322-2357	O
88	Dihydroxanthene-Based Near-infrared Fluorescent Probes for Monitoring Mitochondrial Viscosity in Living Cells and Mice. <b>2023</b> , 95, 3544-3549	O
87	Controlling Molecular Dye Encapsulation in the Hydrophobic Core of CoreBhell Nanoparticles for In Vivo Imaging.	O
86	Review <b>E</b> xploring Technological Innovations of Doped Rare Earth Materials.	O
85	The fabrication strategies of near-infrared absorbing transition metal complexes. 2023, 483, 215096	O
84	Aggregation-induced bioprobe for plasma membrane-specific imaging and photodynamic cancer cell ablation. <b>2023</b> , 293, 122486	O
83	Recent progress in NIR-II fluorescence imaging-guided drug delivery for cancer theranostics. <b>2023</b> , 197, 114821	0
82	NIR-II multiplexed fluorescence imaging of bacteria based on excitation-selective lanthanide-doped core-shell nanoparticles. <b>2023</b> , 384, 133669	O

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68	High frequency near-infrared up-conversion single-photon imaging based on the quantum compressed sensing. <b>2023</b> , 31, 7564	O
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64	Recent Advances in Photoacoustic Agents for Theranostic Applications. <b>2023</b> , 13, 695	O

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61	Fluorescent Imaging In Vivo. 2023, 597-647	О
60	A simple strategy for the efficient design of mitochondria-targeting NIR-II phototheranostics. <b>2023</b> , 11, 2700-2705	O
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53	Hybrid microneedle arrays for antibiotic and near-IR photothermal synergistic antimicrobial effect against Methicillin-Resistant Staphylococcus aureus. <b>2023</b> , 462, 142127	О
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49	DNA Composites and Applications in Bioanalysis. 2300002	О
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