

Bengang Xing

List of Publications by Year in descending order

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133
papers

10,320
citations

28274

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h-index

33894

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149
docs citations

149
times ranked

12837
citing authors

#	ARTICLE	IF	CITATIONS
1	Real-Time Monitoring of Cell Apoptosis and Drug Screening Using Fluorescent Light-Up Probe with Aggregation-Induced Emission Characteristics. <i>Journal of the American Chemical Society</i> , 2012, 134, 17972-17981.	13.7	545
2	Recent advances in functional nanomaterials for light-triggered cancer therapy. <i>Nano Today</i> , 2018, 19, 146-187.	11.9	453
3	In-Vitro and In-Vivo Uncaging and Bioluminescence Imaging by Using Photocaged Upconversion Nanoparticles. <i>Angewandte Chemie - International Edition</i> , 2012, 51, 3125-3129.	13.8	428
4	Hydrophobic Interaction and Hydrogen Bonding Cooperatively Confer a Vancomycin Hydrogel: A Potential Candidate for Biomaterials. <i>Journal of the American Chemical Society</i> , 2002, 124, 14846-14847.	13.7	387
5	In vivo covalent cross-linking of photon-converted rare-earth nanostructures for tumour localization and theranostics. <i>Nature Communications</i> , 2016, 7, 10432.	12.8	376
6	Multifunctional Mesoporous Silica Nanoparticles for Cancer-Targeted and Controlled Drug Delivery. <i>Advanced Functional Materials</i> , 2012, 22, 5144-5156.	14.9	281
7	Near-Infrared Light-Mediated Photoactivation of a Platinum Antitumor Prodrug and Simultaneous Cellular Apoptosis Imaging by Upconversion Luminescent Nanoparticles. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 1012-1016.	13.8	274
8	Recent advances in near-infrared emitting lanthanide-doped nanoconstructs: Mechanism, design and application for bioimaging. <i>Coordination Chemistry Reviews</i> , 2019, 381, 104-134.	18.8	252
9	Recent Progress in Near Infrared Light Triggered Photodynamic Therapy. <i>Small</i> , 2017, 13, 1702299.	10.0	247
10	Simple and rapid synthesis of ultrathin gold nanowires, their self-assembly and application in surface-enhanced Raman scattering. <i>Chemical Communications</i> , 2009, , 1984.	4.1	245
11	Design of Coordination Polymer Gels as Stable Catalytic Systems. <i>Chemistry - A European Journal</i> , 2002, 8, 5028-5032.	3.3	226
12	Au ₂ Pt-PEG-Ce6 nanoformulation with dual nanozyme activities for synergistic chemodynamic therapy / phototherapy. <i>Biomaterials</i> , 2020, 252, 120093.	11.4	210
13	NIR light controlled photorelease of siRNA and its targeted intracellular delivery based on upconversion nanoparticles. <i>Nanoscale</i> , 2013, 5, 231-238.	5.6	207
14	Novel Fluorogenic Substrates for Imaging β -Lactamase Gene Expression. <i>Journal of the American Chemical Society</i> , 2003, 125, 11146-11147.	13.7	187
15	Gold and Hairpin DNA Functionalization of Upconversion Nanocrystals for Imaging and In Vivo Drug Delivery. <i>Advanced Materials</i> , 2017, 29, 1700244.	21.0	186
16	Semiconducting Photothermal Nanoagonist for Remote-Controlled Specific Cancer Therapy. <i>Nano Letters</i> , 2018, 18, 1498-1505.	9.1	183
17	Recent Advances of Light-Mediated Theranostics. <i>Theranostics</i> , 2016, 6, 2439-2457.	10.0	171
18	NIR Photoresponsive Crosslinked Upconverting Nanocarriers Toward Selective Intracellular Drug Release. <i>Small</i> , 2013, 9, 2937-2944.	10.0	167

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19	A light-up probe with aggregation-induced emission characteristics (AIE) for selective imaging, naked-eye detection and photodynamic killing of Gram-positive bacteria. <i>Chemical Communications</i> , 2015, 51, 12490-12493.	4.1	166
20	Redox-Activatable and Acid-Enhanced Nanotheranostics for Second Near-Infrared Photoacoustic Tomography and Combined Photothermal Tumor Therapy. <i>ACS Nano</i> , 2019, 13, 5816-5825.	14.6	154
21	Cell-Permeable Near-Infrared Fluorogenic Substrates for Imaging β -Lactamase Activity. <i>Journal of the American Chemical Society</i> , 2005, 127, 4158-4159.	13.7	137
22	Photoactive molecules for applications in molecular imaging and cell biology. <i>Chemical Society Reviews</i> , 2010, 39, 2835.	38.1	132
23	Enzyme-Responsive Cell-Penetrating Peptide Conjugated Mesoporous Silica Quantum Dot Nanocarriers for Controlled Release of Nucleus-Targeted Drug Molecules and Real-Time Intracellular Fluorescence Imaging of Tumor Cells. <i>Advanced Healthcare Materials</i> , 2014, 3, 1230-1239.	7.6	129
24	Multispectral optoacoustic imaging of dynamic redox correlation and pathophysiological progression utilizing upconversion nanoprobe. <i>Nature Communications</i> , 2019, 10, 1087.	12.8	126
25	Remote Regulation of Membrane Channel Activity by Site-Specific Localization of Lanthanide-Doped Upconversion Nanocrystals. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 3031-3035.	13.8	121
26	Radiation-Induced Luminescence-Excited Quantum Dots for in vivo Multiplexed Optical Imaging. <i>Small</i> , 2010, 6, 1087-1091.	10.0	115
27	A stable metal coordination polymer gel based on a calix[4]arene and its β -uptake of non-ionic organic molecules from the aqueous phase. <i>Chemical Communications</i> , 2002, , 362-363.	4.1	114
28	Intelligent MoS ₂ @CuO heterostructures with multiplexed imaging and remarkably enhanced antitumor efficacy via synergetic photothermal therapy/ chemodynamic therapy/ immunotherapy. <i>Biomaterials</i> , 2021, 268, 120545.	11.4	109
29	Lipopolysaccharide Neutralizing Peptide-Porphyrin Conjugates for Effective Photoinactivation and Intracellular Imaging of Gram-Negative Bacteria Strains. <i>Bioconjugate Chemistry</i> , 2012, 23, 1639-1647.	3.6	105
30	O ₂ -Loaded pH-Responsive Multifunctional Nanodrug Carrier for Overcoming Hypoxia and Highly Efficient Chemo-Photodynamic Cancer Therapy. <i>Chemistry of Materials</i> , 2019, 31, 483-490.	6.7	105
31	Rational Design of Multifunctional Fe ₃ O ₄ @TiO ₂ Nanocomposites with Enhanced Magnetic and Photoconversion Effects for Wide Applications: From Photocatalysis to Imaging-Guided Photothermal Cancer Therapy. <i>Advanced Materials</i> , 2018, 30, e1706747.	21.0	102
32	Recent Advance of Biological Molecular Imaging Based on Lanthanide-Doped Upconversion-Luminescent Nanomaterials. <i>Nanomaterials</i> , 2014, 4, 129-154.	4.1	100
33	A Simple and Specific Assay for Real-Time Colorimetric Visualization of β -Lactamase Activity by Using Gold Nanoparticles. <i>Angewandte Chemie - International Edition</i> , 2007, 46, 8799-8803.	13.8	96
34	Multifunctional UCNPs@PDA-ICG nanocomposites for upconversion imaging and combined photothermal/photodynamic therapy with enhanced antitumor efficacy. <i>Journal of Materials Chemistry B</i> , 2016, 4, 4884-4894.	5.8	96
35	Nanostructures for NIR light-controlled therapies. <i>Nanoscale</i> , 2017, 9, 3698-3718.	5.6	92
36	Allenamides as Orthogonal Handles for Selective Modification of Cysteine in Peptides and Proteins. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 7491-7494.	13.8	88

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37	Recent Developments of Biological Reporter Technology for Detecting Gene Expression. <i>Biotechnology and Genetic Engineering Reviews</i> , 2008, 25, 41-76.	6.2	85
38	A Multifunctional Probe with Aggregation-Induced Emission Characteristics for Selective Fluorescence Imaging and Photodynamic Killing of Bacteria Over Mammalian Cells. <i>Advanced Healthcare Materials</i> , 2015, 4, 659-663.	7.6	85
39	NIR photoregulated chemo- and photodynamic cancer therapy based on conjugated polyelectrolyte-drug conjugate encapsulated upconversion nanoparticles. <i>Nanoscale</i> , 2014, 6, 11259-11272.	5.6	83
40	New advances on the marrying of UCNPs and photothermal agents for imaging-guided diagnosis and the therapy of tumors. <i>Journal of Materials Chemistry B</i> , 2017, 5, 2209-2230.	5.8	82
41	Multifunctional divalent vancomycin: the fluorescent imaging and photodynamic antimicrobial properties for drug resistant bacteria. <i>Chemical Communications</i> , 2011, 47, 1601-1603.	4.1	81
42	Charge convertibility and near infrared photon co-enhanced cisplatin chemotherapy based on upconversion nanoplatform. <i>Biomaterials</i> , 2017, 130, 42-55.	11.4	77
43	Enzyme-Responsive Multifunctional Magnetic Nanoparticles for Tumor Intracellular Drug Delivery and Imaging. <i>Chemistry - an Asian Journal</i> , 2011, 6, 1381-1389.	3.3	76
44	cis-Platinum pro-drug-attached CuFeS ₂ nanoplates for in vivo photothermal/photoacoustic imaging and chemotherapy/photothermal therapy of cancer. <i>Nanoscale</i> , 2017, 9, 16937-16949.	5.6	76
45	Enhanced Cellular Ablation by Attenuating Hypoxia Status and Reprogramming Tumor-Associated Macrophages via NIR Light-Responsive Upconversion Nanocrystals. <i>Bioconjugate Chemistry</i> , 2018, 29, 928-938.	3.6	71
46	pH-sensitive and biodegradable charge-transfer nanocomplex for second near-infrared photoacoustic tumor imaging. <i>Nano Research</i> , 2019, 12, 49-55.	10.4	70
47	Near-infrared light-mediated rare-earth nanocrystals: recent advances in improving photon conversion and alleviating the thermal effect. <i>NPG Asia Materials</i> , 2018, 10, 685-702.	7.9	68
48	Lanthanide-Doped Upconversion Nanoparticles Meet the Needs for Cutting-Edge Bioapplications: Recent Progress and Perspectives. , 2020, 2, 1516-1531.		68
49	A concise, efficient synthesis of sugar-based benzothiazoles through chemoselective intramolecular C-S coupling. <i>Chemical Science</i> , 2012, 3, 2388.	7.4	67
50	A Small-Molecule FRET Reporter for the Real-Time Visualization of Cell Surface Proteolytic Enzyme Functions. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 14357-14362.	13.8	63
51	Colorimetric screening of bacterial enzyme activity and inhibition based on the aggregation of gold nanoparticles. <i>Chemical Communications</i> , 2009, , 1972.	4.1	61
52	Multifunctional Magnetic Mesoporous Silica Nanoagents for <i>in vivo</i> Enzyme-Responsive Drug Delivery and MR Imaging. <i>Nanotheranostics</i> , 2018, 2, 233-242.	5.2	60
53	Near-Infrared Light Brightens Bacterial Disinfection: Recent Progress and Perspectives. <i>ACS Applied Bio Materials</i> , 2021, 4, 3937-3961.	4.6	60
54	Spontaneous Enrichment of Organic Molecules from Aqueous and Gas Phases into a Stable Metallogel. <i>Langmuir</i> , 2002, 18, 9654-9658.	3.5	59

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55	Photoactivated drug delivery and bioimaging. Wiley Interdisciplinary Reviews: Nanomedicine and Nanobiotechnology, 2017, 9, e1408.	6.1	59
56	Virus-Like Fe ₃ O ₄ @Bi ₂ S ₃ Nanozymes with Resistance-Free Apoptotic Hyperthermia-Augmented Nanozymic Activity for Enhanced Synergetic Cancer Therapy. ACS Applied Materials & Interfaces, 2020, 12, 11320-11328.	8.0	59
57	Novel Beta-Lactam Antibiotics Derivatives: Their New Applications as Gene Reporters, Antitumor Prodrugs and Enzyme Inhibitors. Mini-Reviews in Medicinal Chemistry, 2008, 8, 455-471.	2.4	56
58	Peptide- ϵ -perylene diimide functionalized magnetic nano-platforms for fluorescence turn-on detection and clearance of bacterial lipopolysaccharides. Chemical Communications, 2014, 50, 6200-6203.	4.1	52
59	Core-shell structured 5-FU@ZIF-90@ZnO as a biodegradable nanoplatform for synergistic cancer therapy. Nanoscale, 2020, 12, 3846-3854.	5.6	52
60	A Covalent Reporter of β -Lactamase Activity for Fluorescent Imaging and Rapid Screening of Antibiotic-Resistant Bacteria. Chemistry - A European Journal, 2013, 19, 10903-10910.	3.3	51
61	Mini Review of TiO ₂ -Based Multifunctional Nanocomposites for Near-Infrared Light-Responsive Phototherapy. Advanced Healthcare Materials, 2018, 7, e1800351.	7.6	50
62	Continuous-wave near-infrared stimulated-emission depletion microscopy using downshifting lanthanide nanoparticles. Nature Nanotechnology, 2021, 16, 975-980.	31.5	50
63	Recent Advances of Membrane-Cloaked Nanoplatforms for Biomedical Applications. Bioconjugate Chemistry, 2018, 29, 838-851.	3.6	49
64	Enzyme responsive luminescent ruthenium(ii) cephalosporin probe for intracellular imaging and photoinactivation of antibiotics resistant bacteria. Chemical Communications, 2012, 48, 1739-1741.	4.1	48
65	Cyanine ϵ -Dyad Molecular Probe for the Simultaneous Profiling of the Evolution of Multiple Radical Species During Bacterial Infections. Angewandte Chemie - International Edition, 2021, 60, 16900-16905.	13.8	48
66	Multivalent Antibiotics via Metal Complexes: A Potent Divalent Vancomycins against Vancomycin-Resistant Enterococci. Journal of Medicinal Chemistry, 2003, 46, 4904-4909.	6.4	47
67	Human Transport Protein Carrier for Controlled Photoactivation of Antitumor Prodrug and Real-Time Intracellular Tumor Imaging. Bioconjugate Chemistry, 2015, 26, 955-961.	3.6	47
68	Unique Triphenylphosphonium Derivatives for Enhanced Mitochondrial Uptake and Photodynamic Therapy. Bioconjugate Chemistry, 2017, 28, 590-599.	3.6	46
69	Site-Specific Dual Functionalization of Cysteine Residue in Peptides and Proteins with 2-Azidoacrylates. Bioconjugate Chemistry, 2017, 28, 897-902.	3.6	41
70	Tumor microenvironment-responsive MnSiO ₃ -Pt@BSA-Ce6 nanoplatform for synergistic catalysis-enhanced sonodynamic and chemodynamic cancer therapy. Chinese Chemical Letters, 2022, 33, 2959-2964.	9.0	40
71	Self-assembled multivalent vancomycin on cell surfaces against vancomycin-resistant enterococci (VRE) Electronic Supplementary Information (ESI) available: details of the in vitro experiments and fluorescent spectroscopic study (6 pages). See http://www.rsc.org/suppdata/cc/b3/b305886g/ . Chemical Communications, 2003, , 2224.	4.1	39
72	Photoactivable bioluminescent probes for imaging luciferase activity. Chemical Communications, 2009, , 4028.	4.1	38

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73	Enzyme-responsive reporter molecules for selective localization and fluorescence imaging of pathogenic biofilms. <i>Chemical Communications</i> , 2017, 53, 3330-3333.	4.1	38
74	Surface-Enhanced Raman Scattering (SERS) of Nitrothiophenol Isomers Chemisorbed on TiO ₂ . <i>Chemistry - an Asian Journal</i> , 2012, 7, 975-981.	3.3	36
75	Near-Infrared Manipulation of Membrane Ion Channels via Upconversion Optogenetics. <i>Advanced Biology</i> , 2019, 3, e1800233.	3.0	35
76	808 nm light responsive nanotheranostic agents based on near-infrared dye functionalized manganese ferrite for magnetic-targeted and imaging-guided photodynamic/photothermal therapy. <i>Journal of Materials Chemistry B</i> , 2017, 5, 1803-1814.	5.8	34
77	Precise cell behaviors manipulation through light-responsive nano-regulators: recent advance and perspective. <i>Theranostics</i> , 2019, 9, 3308-3340.	10.0	34
78	Investigation of Thermally Induced Cellular Ablation and Heat Response Triggered by Planar MoS ₂ -Based Nanocomposite. <i>Bioconjugate Chemistry</i> , 2017, 28, 1059-1067.	3.6	33
79	Near-infrared photocontrolled therapeutic release via upconversion nanocomposites. <i>Journal of Controlled Release</i> , 2020, 324, 104-123.	9.9	28
80	Near infrared light-mediated photoactivation of cytotoxic Re(<i>sc</i>) complexes by using lanthanide-doped upconversion nanoparticles. <i>Dalton Transactions</i> , 2016, 45, 14101-14108.	3.3	27
81	Linking of Alcohols with Vinyl Azides. <i>Organic Letters</i> , 2016, 18, 992-995.	4.6	27
82	NIR nanoprobe-facilitated cross-referencing manifestation of local disease biology for dynamic therapeutic response assessment. <i>Chemical Science</i> , 2020, 11, 803-811.	7.4	26
83	Small-molecule fluorescent probes: big future for specific bacterial labeling and infection detection. <i>Chemical Communications</i> , 2021, 58, 155-170.	4.1	26
84	Diazapentabenzocorannulenium: A Hydrophilic/Biophilic Cationic Buckybowl. <i>Angewandte Chemie - International Edition</i> , 2022, 61, .	13.8	26
85	Unique Fluorescent Imaging Probe for Bacterial Surface Localization and Resistant Enzyme Imaging. <i>ACS Chemical Biology</i> , 2018, 13, 1890-1896.	3.4	24
86	A live bacteria SERS platform for the <i>in situ</i> monitoring of nitric oxide release from a single MRSA. <i>Chemical Communications</i> , 2018, 54, 7022-7025.	4.1	24
87	Extraspecific Manifestation of Nanoheater's Position Effect on Distinctive Cellular Photothermal Responses. <i>ACS Nano</i> , 2020, 14, 5836-5844.	14.6	23
88	Guide Star-Assisted Noninvasive Photoacoustic Measurement of Glucose. <i>ACS Sensors</i> , 2018, 3, 2550-2557.	7.8	21
89	Metallic nanoparticles bioassay for <i>Enterobacter cloacae</i> P99 β-lactamase activity and inhibitor screening. <i>Analyst</i> , 2010, 135, 1031.	3.5	20
90	Nanof ormulation of metal complexes: Intelligent stimuli-responsive platforms for precision therapeutics. <i>Nano Research</i> , 2018, 11, 5474-5498.	10.4	20

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91	Loss of Collective Motion in Swarming Bacteria Undergoing Stress. <i>Physical Review Letters</i> , 2013, 111, 208101.	7.8	18
92	Stimulus-Responsive Short Peptide Nanogels for Controlled Intracellular Drug Release and for Overcoming Tumor Resistance. <i>Chemistry - an Asian Journal</i> , 2017, 12, 744-752.	3.3	18
93	Near-Infrared Multipurpose Lanthanide-Imaging Nanoprobes. <i>Chemistry - an Asian Journal</i> , 2020, 15, 2076-2091.	3.3	18
94	Lipopolysaccharide-affinity copolymer senses the rapid motility of swarmer bacteria to trigger antimicrobial drug release. <i>Nature Communications</i> , 2018, 9, 4277.	12.8	17
95	A tumor microenvironment-responsive Co/ZIF-8/ICG/Pt nanoplatfom for chemodynamic and enhanced photodynamic antitumor therapy. <i>Dalton Transactions</i> , 2022, 51, 2798-2804.	3.3	17
96	Synthesis and Characterization of 2-(2-hydroxy-5-chlorophenyl)-6-chloro-4-(3-hydroxyphenyl)quinazolinone-Based Fluorogenic Probes for Cellular Imaging of Monoamine Oxidases. <i>Chemistry - an Asian Journal</i> , 2010, 5, 1317-1321.	3.3	15
97	Molecular Interactions between Glycopeptide Vancomycin and Bacterial Cell Wall Peptide Analogues. <i>Chemistry - A European Journal</i> , 2011, 17, 14170-14177.	3.3	15
98	Glycopeptide antibiotic analogs for selective inactivation and two-photon imaging of vancomycin-resistant strains. <i>Chemical Communications</i> , 2016, 52, 4667-4670.	4.1	15
99	Enabling Mitochondrial Uptake of Lipophilic Dications Using Methylated Triphenylphosphonium Moieties. <i>Inorganic Chemistry</i> , 2019, 58, 8293-8299.	4.0	14
100	Uncovering the Metabolic Origin of Aspartate for Tumor Growth Using an Integrated Molecular Deactivator. <i>Nano Letters</i> , 2021, 21, 778-784.	9.1	13
101	Novel trimethyl lock based enzyme switch for the self-assembly and disassembly of gold nanoparticles. <i>New Journal of Chemistry</i> , 2010, 34, 594.	2.8	12
102	Remote Regulation of Membrane Channel Activity by Site-Specific Localization of Lanthanide-Doped Upconversion Nanocrystals. <i>Angewandte Chemie</i> , 2017, 129, 3077-3081.	2.0	11
103	Scratching the Surface of Unventured Possibilities with In Situ Self-Assembly: Protease-Activated Developments for Imaging and Therapy. <i>ACS Applied Bio Materials</i> , 2021, 4, 2192-2216.	4.6	10
104	Diazapentabenzocorannulenium: A Hydrophilic/Biophilic Cationic Buckybowl. <i>Angewandte Chemie</i> , 2022, 134, .	2.0	10
105	Vancomycin Determination by Disrupting Electron-Transfer in a Fluorescence Turn-On Squaraine-Anthraquinone Triad. <i>ACS Sensors</i> , 2018, 3, 1156-1163.	7.8	9
106	Alkyl vs. aryl modifications: a comparative study on modular modifications of triphenylphosphonium mitochondrial vectors. <i>RSC Chemical Biology</i> , 2021, 2, 1643-1650.	4.1	8
107	Interplay of Hole Transfer and Host-Guest Interaction in a Molecular Dyad and Triad: Ensemble and Single-Molecule Spectroscopy and Sensing Applications. <i>Chemistry - A European Journal</i> , 2015, 21, 3387-3398.	3.3	7
108	Extracellular Vesicle Directed Exogenous Ion Channel Transport for Precise Manipulation of Biological Events. <i>Bioconjugate Chemistry</i> , 2018, 29, 2715-2722.	3.6	7

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109	BMP-2-Loaded HAp:Ln ³⁺ (Ln = Yb, Er, Gd) Nanorods with Dual-Mode Imaging for Efficient MC3t3-E1 Cell Differentiation Regulation. <i>Langmuir</i> , 2019, 35, 15287-15294.	3.5	7
110	Screening of multifunctional fruit carbon dots for fluorescent labeling and sensing in living immune cells and zebrafishes. <i>Mikrochimica Acta</i> , 2022, 189, 223.	5.0	7
111	Resolving the Conflict between Strength and Toughness in Bioactive Silica-Polymer Hybrid Materials. <i>ACS Nano</i> , 2022, 16, 9748-9761.	14.6	7
112	Spatiotemporal-Controlled Reporter for Cell-Surface Proteolytic Enzyme Activity Visualization. <i>ChemBioChem</i> , 2019, 20, 561-567.	2.6	6
113	Metallic Nanoparticle-Enabled Sensing of a Drug-Abuse: An Attempt at Forensic Application. <i>ChemBioChem</i> , 2020, 21, 2512-2517.	2.6	6
114	Increasing antibiotic activity by rapid bioorthogonal conjugation of drug to resistant bacteria using an upconverted light-activated photocatalyst. <i>Journal of Materials Chemistry B</i> , 2021, 9, 3136-3142.	5.8	6
115	Nanomechanical Microfluidic Mixing and Rapid Labeling of Silica Nanoparticles using Allenamide-Thiol Covalent Linkage for Bioimaging. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 4867-4875.	8.0	4
116	Cyanine-Dyad Molecular Probe for the Simultaneous Profiling of the Evolution of Multiple Radical Species During Bacterial Infections. <i>Angewandte Chemie</i> , 2021, 133, 17037-17042.	2.0	4
117	Recomposition and storage of sunlight with intelligent phosphors for enhanced photosynthesis. <i>Dalton Transactions</i> , 2021, 50, 11025-11029.	3.3	4
118	A metabolic labeling way to in situ fabricate bacterial FRET Platform for innate immune defence molecule. <i>Sensors and Actuators B: Chemical</i> , 2022, 350, 130913.	7.8	4
119	Rhodamine Fluorophores for STED Super-Resolution Biological Imaging. <i>Analysis & Sensing</i> , 2022, 2, .	2.0	4
120	A Simple and Specific Assay for Real-Time Colorimetric Visualization of β -Lactamase Activity by Using Gold Nanoparticles. <i>Angewandte Chemie - International Edition</i> , 2008, 47, 3081-3081.	13.8	3
121	Nontoxic colloidal particles impede antibiotic resistance of swarming bacteria by disrupting collective motion and speed. <i>Physical Review E</i> , 2015, 92, 062706.	2.1	3
122	Synthesis of Core-shell Lanthanide-doped Upconversion Nanocrystals for Cellular Applications. <i>Journal of Visualized Experiments</i> , 2017, , .	0.3	3
123	Luminescent molecules towards precise cellular event regulation. <i>Chemical Communications</i> , 2020, 56, 10231-10234.	4.1	3
124	Protein-Mediated Fluorescence Resonance Energy Transfer (FRET) Probe: Fabrication and Hydroxyl Radical Detection. <i>Photochemistry and Photobiology</i> , 2022, 98, 371-377.	2.5	3
125	Upconversion Nanoparticles for Bioimaging. , 2016, , 363-390.		2
126	Five-dimensional tracking of single nanoparticles in living cells. <i>Light: Science and Applications</i> , 2018, 7, 16.	16.6	2

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127	Tumour enzyme affinity mediated peptide molecular crowding for targeted disruption of hyperactivated glucose uptake. <i>Chemical Communications</i> , 2022, 58, 1350-1353.	4.1	2
128	Inside Back Cover: In Vitro and In Vivo Uncaging and Bioluminescence Imaging by Using Photocaged Upconversion Nanoparticles (<i>Angew. Chem. Int. Ed.</i> 13/2012). <i>Angewandte Chemie - International Edition</i> , 2012, 51, 3275-3275.	13.8	1
129	Photodynamic Therapy: A Multifunctional Probe with Aggregation-Induced Emission Characteristics for Selective Fluorescence Imaging and Photodynamic Killing of Bacteria Over Mammalian Cells (<i>Adv. Mater.</i> 2019, 31, 1801001)	11.7	1
130	Remote Regulation of Membrane Channel Activity by Site-Specific Localization of Lanthanide-Doped Upconversion Nanocrystals (<i>Angew. Chem.</i> 11/2017). <i>Angewandte Chemie</i> , 2017, 129, 3156-3156.	2.0	1
131	Gold nanoparticles based colorimetric assay for bacterial enzyme identification and inhibitors screening. , 2010, , .		0
132	AsBIC-9: The 9th Asian Biological Inorganic Chemistry Conference: Overview. <i>Journal of Inorganic Biochemistry</i> , 2020, 202, 110861.	3.5	0
133	Surface Coated NIR Light-Responsive Nanostructures for Imaging and Therapeutic Applications. <i>World Scientific Series in Nanoscience and Nanotechnology</i> , 2019, , 135-165.	0.1	0