

Takashi Jin

List of Publications by Citations

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104
papers

2,955
citations

33
h-index

52
g-index

114
ext. papers

3,190
ext. citations

4.9
avg, IF

5.3
L-index

| # | Paper | IF | Citations |
|-----|--|------|-----------|
| 104 | Fluorescent platinum nanoclusters: synthesis, purification, characterization, and application to bioimaging. <i>Angewandte Chemie - International Edition</i> , 2011 , 50, 431-5 | 16.4 | 206 |
| 103 | Dose-dependent in-vivo toxicity assessment of silver nanoparticle in Wistar rats. <i>Toxicology Mechanisms and Methods</i> , 2011 , 21, 13-24 | 3.6 | 183 |
| 102 | A quantum dot-based ratiometric pH sensor. <i>Chemical Communications</i> , 2010 , 46, 2408-10 | 5.8 | 130 |
| 101 | A fluorescent calix[4]arene as an intramolecular excimer-forming Na ⁺ sensor in nonaqueous solution. <i>Journal of the Chemical Society Chemical Communications</i> , 1992 , 499 | | 112 |
| 100 | Aqueous synthesis of glutathione-coated PbS quantum dots with tunable emission for non-invasive fluorescence imaging in the second near-infrared biological window (1000-1400 nm). <i>Chemical Communications</i> , 2013 , 49, 7584-6 | 5.8 | 104 |
| 99 | Control of the optical properties of quantum dots by surface coating with calix[n]arene carboxylic acids. <i>Journal of the American Chemical Society</i> , 2006 , 128, 9288-9 | 16.4 | 99 |
| 98 | Multilayered, core/shell nanoprobe based on magnetic ferric oxide particles and quantum dots for multimodality imaging of breast cancer tumors. <i>Biomaterials</i> , 2012 , 33, 8486-94 | 15.6 | 95 |
| 97 | Amphiphilic p-sulfonatocalix[4]arene-coated CdSe/ZnS quantum dots for the optical detection of the neurotransmitter acetylcholine. <i>Chemical Communications</i> , 2005 , 4300-2 | 5.8 | 94 |
| 96 | Expanded palette of Nano-lanterns for real-time multicolor luminescence imaging. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015 , 112, 4352-6 | 11.5 | 89 |
| 95 | Gd ³⁺ -functionalized near-infrared quantum dots for in vivo dual modal (fluorescence/magnetic resonance) imaging. <i>Chemical Communications</i> , 2008 , 5764-6 | 5.8 | 89 |
| 94 | Preparation and characterization of highly fluorescent, glutathione-coated near infrared quantum dots for in vivo fluorescence imaging. <i>International Journal of Molecular Sciences</i> , 2008 , 9, 2044-61 | 6.3 | 83 |
| 93 | Importance of sialic acid residues illuminated by live animal imaging using phosphorylcholine self-assembled monolayer-coated quantum dots. <i>Journal of the American Chemical Society</i> , 2011 , 133, 12507-17 | 16.4 | 77 |
| 92 | Recombinant protein (EGFP-Protein G)-coated PbS quantum dots for in vitro and in vivo dual fluorescence (visible and second-NIR) imaging of breast tumors. <i>Nanoscale</i> , 2015 , 7, 5115-9 | 7.7 | 63 |
| 91 | Synthesis and optical properties of emission-tunable PbS/CdS core-shell quantum dots for in vivo fluorescence imaging in the second near-infrared window. <i>RSC Advances</i> , 2014 , 4, 41164-41171 | 3.7 | 63 |
| 90 | Fluorescence microscopy for simultaneous observation of 3D orientation and movement and its application to quantum rod-tagged myosin V. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012 , 109, 5294-8 | 11.5 | 63 |
| 89 | Synthesis and Characterization of Anti-HER2 Antibody Conjugated CdSe/CdZnS Quantum Dots for Fluorescence Imaging of Breast Cancer Cells. <i>Sensors</i> , 2009 , 9, 9332-64 | 3.8 | 58 |
| 88 | Synthetic Transmembrane Channels: Functional Characterization Using Solubility Calculations, Transport Studies, and Substituent Effects. <i>Journal of the American Chemical Society</i> , 1997 , 119, 5540-5549 | 16.4 | 56 |

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|----|--|------|----|
| 87 | A new Na ⁺ sensor based on intramolecular fluorescence energy transfer derived from calix[4]arene. <i>Chemical Communications</i> , 1999 , 2491-2492 | 5.8 | 54 |
| 86 | The suppression of age-related accumulation of lipid peroxides in rat brain by administration of Rooibos tea (<i>Aspalathus linearis</i>). <i>Neuroscience Letters</i> , 1995 , 196, 85-8 | 3.3 | 51 |
| 85 | Calixarene-coated water-soluble CdSe-ZnS semiconductor quantum dots that are highly fluorescent and stable in aqueous solution. <i>Chemical Communications</i> , 2005 , 2829-31 | 5.8 | 49 |
| 84 | Fluorescent Platinum Nanoclusters: Synthesis, Purification, Characterization, and Application to Bioimaging. <i>Angewandte Chemie</i> , 2011 , 123, 451-455 | 3.6 | 47 |
| 83 | Bio-distribution and toxicity assessment of intravenously injected anti-HER2 antibody conjugated CdSe/ZnS quantum dots in Wistar rats. <i>International Journal of Nanomedicine</i> , 2011 , 6, 463-75 | 7.3 | 47 |
| 82 | Real-time nanoscopy by using blinking enhanced quantum dots. <i>Biophysical Journal</i> , 2010 , 99, L50-2 | 2.9 | 43 |
| 81 | Antibody-protein A conjugated quantum dots for multiplexed imaging of surface receptors in living cells. <i>Molecular BioSystems</i> , 2010 , 6, 2325-31 | | 42 |
| 80 | Bioluminescence resonance energy transfer coupled near-infrared quantum dots using GST-tagged luciferase for in vivo imaging. <i>Chemical Communications</i> , 2013 , 49, 228-30 | 5.8 | 41 |
| 79 | Synthesis and optical resolution of a fluorescent chiral calix[4]arene with two pyrene moieties forming an intramolecular excimer. <i>Chemical Communications</i> , 1998 , 1357-1358 | 5.8 | 40 |
| 78 | Near-infrared fluorescence detection of acetylcholine in aqueous solution using a complex of rhodamine 800 and p-sulfonatocalix[8]arene. <i>Sensors</i> , 2010 , 10, 2438-49 | 3.8 | 38 |
| 77 | A short-wavelength infrared emitting multimodal probe for non-invasive visualization of phagocyte cell migration in living mice. <i>Chemical Communications</i> , 2014 , 50, 14356-9 | 5.8 | 37 |
| 76 | Planar Bilayer Conductance and Fluorescence Studies Confirm the Function and Location of a Synthetic, Sodium-Ion-Conducting Channel in a Phospholipid Bilayer Membrane. <i>Journal of the American Chemical Society</i> , 1997 , 119, 9061-9062 | 16.4 | 37 |
| 75 | A platform of BRET-FRET hybrid biosensors for optogenetics, chemical screening, and in vivo imaging. <i>Scientific Reports</i> , 2018 , 8, 8984 | 4.9 | 34 |
| 74 | Coupling mechanism of a GPCR and a heterotrimeric G protein during chemoattractant gradient sensing in <i>Dictyostelium</i> . <i>Science Signaling</i> , 2010 , 3, ra71 | 8.8 | 34 |
| 73 | A New Fluorometric Method for the Detection of the Neurotransmitter Acetylcholine in Water Using a Dansylcholine Complex with p-Sulfonated Calix[8]arene. <i>Journal of Inclusion Phenomena and Macrocyclic Chemistry</i> , 2003 , 45, 195-201 | | 34 |
| 72 | Near-Infrared Emitting PbS Quantum Dots for in Vivo Fluorescence Imaging of the Thrombotic State in Septic Mouse Brain. <i>Molecules</i> , 2016 , 21, | 4.8 | 34 |
| 71 | Photoirradiated and .gamma.-ray-irradiated reactions of manganese(III, IV, V) tetraphenylporphyrins in 2-methyltetrahydrofuran. Reactions of azidomanganese(III) porphyrin. <i>Inorganic Chemistry</i> , 1987 , 26, 1280-1285 | 5.1 | 31 |
| 70 | Applications of Highly Bright PbS Quantum Dots to Non-Invasive Near-Infrared Fluorescence Imaging in the Second Optical Window. <i>ECS Journal of Solid State Science and Technology</i> , 2016 , 5, R3138 ² R3145 ²⁷ | | |

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| 69 | Synthesis of green-emitting Pt ₈ nanoclusters for biomedical imaging by pre-equilibrated Pt/PAMAM (G4-OH) and mild reduction. <i>Optical Materials Express</i> , 2013 , 3, 157 | 2.6 | 25 |
| 68 | Selective Na ⁺ Transport through Phospholipid Bilayer Membrane by a Synthetic Calix[4]arene Carrier. <i>Langmuir</i> , 1996 , 12, 2684-2689 | 4 | 25 |
| 67 | Stable DHLA-PEG capped PbS quantum dots: from synthesis to near-infrared biomedical imaging. <i>Journal of Materials Chemistry B</i> , 2018 , 6, 550-555 | 7.3 | 24 |
| 66 | Enhancement of aqueous stability and fluorescence brightness of indocyanine green using small calix[4]arene micelles for near-infrared fluorescence imaging. <i>MedChemComm</i> , 2016 , 7, 623-631 | 5 | 23 |
| 65 | Conductance change in phospholipid bilayer membrane by an electroneutral ionophore, monensin. <i>Biochemistry</i> , 1995 , 34, 3455-60 | 3.2 | 23 |
| 64 | Histochemical analyses and quantum dot imaging of microvascular blood flow with pulmonary edema in living mouse lungs by "in vivo cryotechnique". <i>Histochemistry and Cell Biology</i> , 2012 , 137, 137-514 | 5.4 | 22 |
| 63 | Bovine serum albumin-coated quantum dots as a cytoplasmic viscosity probe in a single living cell. <i>Analytical Methods</i> , 2012 , 4, 1903 | 3.2 | 21 |
| 62 | Critical Review Recent Progress in NIR Fluorophores Emitting over 1000 nm for Bioimaging. <i>ECS Journal of Solid State Science and Technology</i> , 2019 , 8, R9-R13 | 2 | 20 |
| 61 | Rotational diffusion measurements using polarization-dependent fluorescence correlation spectroscopy based on superconducting nanowire single-photon detector. <i>Optics Express</i> , 2015 , 23, 32633-3242 | 3.3 | 19 |
| 60 | PHOTOREDUCTION OF MANGANESE(III), IRON(III), COBALT(III), AND MOLYBDENUM(V) TETRAPHENYLPORPHYRINS IN 2-METHYLTETRAHYDROFURAN. <i>Chemistry Letters</i> , 1985 , 14, 847-850 | 1.7 | 19 |
| 59 | Bioluminescence Resonance Energy Transfer (BRET)-coupled Annexin V-functionalized Quantum Dots for Near-Infrared Optical Detection of Apoptotic Cells. <i>ChemBioChem</i> , 2017 , 18, 2231-2235 | 3.8 | 18 |
| 58 | Visualization of microvascular blood flow in mouse kidney and spleen by quantum dot injection with "in vivo cryotechnique". <i>Microvascular Research</i> , 2010 , 80, 491-8 | 3.7 | 18 |
| 57 | Compact halo-ligand-conjugated quantum dots for multicolored single-molecule imaging of overcrowding GPCR proteins on cell membranes. <i>Small</i> , 2015 , 11, 1396-401 | 11 | 17 |
| 56 | Interfacial Recognition of Acetylcholine by an Amphiphilic p-Sulfonatocalix[8]arene Derivative Incorporated into Dimyristoyl Phosphatidylcholine Vesicles. <i>Sensors</i> , 2008 , 8, 6777-6790 | 3.8 | 17 |
| 55 | Critical Review Water-Soluble Near-Infrared Fluorophores Emitting over 1000 nm and Their Application to In Vivo Imaging in the Second Optical Window (1000-1400 nm). <i>ECS Journal of Solid State Science and Technology</i> , 2018 , 7, R3093-R3101 | 2 | 17 |
| 54 | Recombinant Protein (Luciferase-IgG Binding Domain) Conjugated Quantum Dots for BRET-Coupled Near-Infrared Imaging of Epidermal Growth Factor Receptors. <i>Bioconjugate Chemistry</i> , 2018 , 29, 1466-1474 | 6.3 | 15 |
| 53 | Immunoglobulin binding (B1) domain mediated antibody conjugation to quantum dots for in vitro and in vivo molecular imaging. <i>Chemical Communications</i> , 2017 , 53, 9450-9453 | 5.8 | 14 |
| 52 | Preparation and characterization of thiacalix[4]arene coated water-soluble CdSe/ZnS quantum dots as a fluorescent probe for Cu ²⁺ ions. <i>Combinatorial Chemistry and High Throughput Screening</i> , 2007 , 10, 473-9 | 1.3 | 14 |

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| 51 | Four-dimensional spatial nanometry of single particles in living cells using polarized quantum rods. <i>Biophysical Journal</i> , 2013 , 105, 555-64 | 2.9 | 13 |
| 50 | Photocontrol of Na ⁺ transport across a phospholipid bilayer containing a bisanthroylcalix[4]arene carrier. <i>Chemical Communications</i> , 2000 , 1379-1380 | 5.8 | 13 |
| 49 | Ion transport activity of calix[n]arene (n=4, 5, 6, 7, 8) esters toward alkali-metal cations in a phospholipid bilayer membrane. <i>Journal of the Chemical Society, Faraday Transactions</i> , 1998 , 94, 3135-3140 | | 13 |
| 48 | Reconstructing 3D deformation dynamics for curved epithelial sheet morphogenesis from positional data of sparsely-labeled cells. <i>Nature Communications</i> , 2017 , 8, 15 | 17.4 | 12 |
| 47 | Imaging of thrombosis and microcirculation in mouse lungs of initial melanoma metastasis with in vivo cryotechnique. <i>Microvascular Research</i> , 2014 , 91, 73-83 | 3.7 | 11 |
| 46 | Calixarene-based photoresponsive ion carrier for the control of Na ⁺ flux across a lipid bilayer membrane by visible light. <i>Materials Letters</i> , 2007 , 61, 805-808 | 3.3 | 11 |
| 45 | Dissociation kinetics of calixarene ester-sodium(1+) complexes: effect of the sodium ion exchange reaction on sodium-23 longitudinal magnetization recovery curves and proton NMR spectra. <i>The Journal of Physical Chemistry</i> , 1991 , 95, 2601-2606 | | 11 |
| 44 | Nano-scale measurement of biomolecules by optical microscopy and semiconductor nanoparticles. <i>Frontiers in Physiology</i> , 2014 , 5, 273 | 4.6 | 9 |
| 43 | Non-radiative exciton recombination through excitation energy transfer in quantum dot clusters. <i>Journal of Luminescence</i> , 2011 , 131, 539-542 | 3.8 | 9 |
| 42 | Membrane Partitioning and Translocation of Hydrophobic Phosphonium Homologues: Thermodynamic Analysis by Immobilized Liposome Chromatography. <i>Journal of Physical Chemistry B</i> , 2000 , 104, 7528-7534 | 3.4 | 9 |
| 41 | An aluminium-27 nuclear magnetic resonance study of chemical exchange between different polyatomic species in butylpyridinium chloride/AlCl ₃ melts. <i>Journal of the Chemical Society Faraday Transactions I</i> , 1989 , 85, 175 | | 8 |
| 40 | Optical and ESR studies for the reaction of molybdenum tetraphenylporphyrins in .gamma.-ray irradiated 2-methyltetrahydrofuran. <i>Inorganic Chemistry</i> , 1984 , 23, 3752-3755 | 5.1 | 8 |
| 39 | Shortwave-infrared (SWIR) fluorescence molecular imaging using indocyanine green-antibody conjugates for the optical diagnostics of cancerous tumours.. <i>RSC Advances</i> , 2020 , 10, 28171-28179 | 3.7 | 8 |
| 38 | Near-infrared fluorescent protein and bioluminescence-based probes for high-resolution in vivo optical imaging. <i>Materials Advances</i> , 2020 , 1, 967-987 | 3.3 | 7 |
| 37 | Raster image cross-correlation analysis for spatiotemporal visualization of intracellular degradation activities against exogenous DNAs. <i>Scientific Reports</i> , 2015 , 5, 14428 | 4.9 | 7 |
| 36 | Shortwave-Infrared Fluorescent Molecular Imaging Probes Based on EConjugation Extended Indocyanine Green. <i>Bioconjugate Chemistry</i> , 2021 , 32, 1541-1547 | 6.3 | 7 |
| 35 | Compact and stable SNAP ligand-conjugated quantum dots as a fluorescent probe for single-molecule imaging of dynein motor protein. <i>Chemical Communications</i> , 2015 , 51, 14836-9 | 5.8 | 6 |
| 34 | Membrane transport of neurotransmitter acetylcholine and related compounds across a phospholipid bilayer by a calix[6]arene ester. <i>Chemical Communications</i> , 1999 , 2129-2130 | 5.8 | 6 |

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| 33 | BRET based dual-colour (visible/near-infrared) molecular imaging using a quantum dot/EGFP-luciferase conjugate.. <i>RSC Advances</i> , 2019 , 9, 34964-34971 | 3.7 | 6 |
| 32 | Fluorescent, Recombinant-Protein-Conjugated, Near-Infrared-Emitting Quantum Dots for in Vitro and in Vivo Dual-Color Molecular Imaging. <i>ChemBioChem</i> , 2019 , 20, 568-575 | 3.8 | 6 |
| 31 | Quantum Dot-Loaded Liposomes to Evaluate the Behavior of Drug Carriers after Oral Administration. <i>Journal of Pharmaceutics</i> , 2013 , 2013, 848275 | 2 | 4 |
| 30 | Kinetics and mechanism of the dissociation of a sodium-calix[4]arene ester complex in nonaqueous solution. <i>Physical Chemistry Chemical Physics</i> , 2000 , 2, 1401-1406 | 3.6 | 4 |
| 29 | Reactions and Rate Constants between Hydroxyl Radicals and the Dimer and Monomer of Spin Trap 2-Methyl-2-nitrosopropane Determined by the Pulse Radiolysis Method. <i>The Journal of Physical Chemistry</i> , 1995 , 99, 14078-14082 | | 4 |
| 28 | Magnetic resonance imaging of young and aged rat brains under a magnetic field of 7.05 T. <i>Journal of Veterinary Medical Science</i> , 1994 , 56, 933-8 | 1.1 | 4 |
| 27 | Monte Carlo Evaluation of In Vivo Neuroimaging Using Quantum Dots with Fluorescence in the Second Window of Near Infrared Region. <i>Advanced Biomedical Engineering</i> , 2019 , 8, 105-109 | 0.7 | 3 |
| 26 | Monte Carlo Modeling of Shortwave-Infrared Fluorescence Photon Migration in Voxelized Media for the Detection of Breast Cancer. <i>Diagnostics</i> , 2020 , 10, | 3.8 | 3 |
| 25 | Near infrared imaging of intrinsic signals in cortical spreading depression observed through the intact scalp in hairless mice. <i>Neuroscience Letters</i> , 2019 , 701, 213-217 | 3.3 | 2 |
| 24 | Optimal focus evaluated using Monte Carlo simulation in non-invasive neuroimaging in the second near-infrared window. <i>MethodsX</i> , 2019 , 6, 2367-2373 | 1.9 | 2 |
| 23 | Analysis of excitation energy transfer in quantum dot clusters in the presence of nonluminescent dots. <i>Physica Status Solidi C: Current Topics in Solid State Physics</i> , 2011 , 8, 54-57 | | 2 |
| 22 | Effect of Ligand-Exchange Reaction on Longitudinal Magnetization Recovery in Aqueous-Al(III) NMR. <i>Chemistry Letters</i> , 1987 , 16, 1179-1182 | 1.7 | 2 |
| 21 | An aluminium-27 nuclear magnetic resonance study of ligand exchange. Kinetic and equilibrium properties. <i>Journal of the Chemical Society Faraday Transactions I</i> , 1988 , 84, 3015 | | 2 |
| 20 | Oxygen-sensitive quantum dots for possible nanoscale oxygen imaging in cultured cells. <i>Advances in Experimental Medicine and Biology</i> , 2013 , 789, 379-383 | 3.6 | 2 |
| 19 | Monte Carlo Modeling of Near-infrared Fluorescence Photon Migration in Breast Tissue for Tumor Prediction. <i>Advanced Biomedical Engineering</i> , 2020 , 9, 100-105 | 0.7 | 1 |
| 18 | Investigation of pH-dependent photophysical properties of quantum nanocrystals by fluorescence correlation spectroscopy. <i>Optics Express</i> , 2017 , 25, 1435-1443 | 3.3 | 1 |
| 17 | Neurochemistry in the Pathophysiology of Septic Encephalopathy 2012 , | | 1 |
| 16 | The Effect of Cation on Kinetic Properties of Chloroaluminate Anions. ²⁷ Al NMR in Dialkylimidazolium Chloride-AlCl ₃ and LiCl-AlCl ₃ Melts. <i>Chemistry Letters</i> , 1992 , 21, 1651-1654 | 1.7 | 1 |

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| 15 | Bioluminescence Resonance Energy Transfer (BRET) Coupled Near-Infrared Imaging of Apoptotic Cells. <i>Methods in Molecular Biology</i> , 2020 , 2081, 15-27 | 1.4 | 1 |
| 14 | Dual-colour (near-infrared/visible) emitting annexin V for fluorescence imaging of tumour cell apoptosis and .. <i>RSC Advances</i> , 2020 , 10, 38244-38250 | 3.7 | 1 |
| 13 | In Vitro and In Vivo Fluorescence Imaging of Antibody-Drug Conjugate-Induced Tumor Apoptosis Using Annexin V-EGFP Conjugated Quantum Dots.. <i>ACS Omega</i> , 2022 , 7, 2105-2113 | 3.9 | 0 |
| 12 | Imaging: Compact Halo-Ligand-Conjugated Quantum Dots for Multicolored Single-Molecule Imaging of Overcrowding GPCR Proteins on Cell Membranes (Small 12/2015). <i>Small</i> , 2015 , 11, 1358-1358 ¹¹ | | |
| 11 | Non-Invasive Near-Infrared Fluorescence Imaging in the Second Optical Window. <i>Nippon Laser Igakkaishi</i> , 2015 , 36, 195-200 | 0 | |
| 10 | C5-P-03An Expanded Color Palette of Nano-lanterns, the Super-brilliant Luminescent Proteins for Multicolor, Real-time Bioluminescence Imaging. <i>Microscopy (Oxford, England)</i> , 2015 , 64, i140.1-i140 | 1.3 | |
| 9 | 3P-271 Synthesis of size-controlled fluorescent nanoparticles to improve cellular uptake(Miscellaneous topics,The 47th Annual Meeting of the Biophysical Society of Japan). <i>Seibutsu Butsuri</i> , 2009 , 49, S196 | 0 | |
| 8 | 1P-260 Preparation of Highly Fluorescent Au Nanoclusters and Application for Biomolecular Imaging(Bioimaging, The 47th Annual Meeting of the Biophysical Society of Japan). <i>Seibutsu Butsuri</i> , 2009 , 49, S103 | 0 | |
| 7 | 3P336 Superresolution imaging by using fluorescent fluctuation in quantum dots(Bioimaging,The 48th Annual Meeting of the Biophysical Society of Japan). <i>Seibutsu Butsuri</i> , 2010 , 50, S204 | 0 | |
| 6 | 3P329 Characterization of Fluorescence Properties of a Blue Emitting Au Nanocluster(Bioimaging,The 48th Annual Meeting of the Biophysical Society of Japan). <i>Seibutsu Butsuri</i> , 2010 , 50, S203 | 0 | |
| 5 | Selective transport of potassium ions across a planar phospholipid bilayer by a calix[4]arene-crown-5 as a synthetic carrier. <i>Perkin Transactions II RSC</i> , 2002 , 151-154 | | |
| 4 | NIR Fluorescent Nanoprobes and Techniques for Brain Imaging 2020 , 349-374 | | |
| 3 | Synthesis and Surface Modification of Fluorescent Semiconductor Nanoparticles, and Their Use for Biomedical Applications. <i>Journal of the Society of Powder Technology, Japan</i> , 2010 , 47, 646-655 | 0.3 | |
| 2 | Fluorescent Gold Nanoclusters for In Vivo Shortwave-Infrared Imaging. <i>ECS Journal of Solid State Science and Technology</i> , 2021 , 10, 096012 | 2 | |
| 1 | BRET-Based Dual-Color (Visible/Near-Infrared) Molecular Imaging Using a Quantum Dot/EGFP-Luciferase Conjugate. <i>Methods in Molecular Biology</i> , 2022 , 47-59 | 1.4 | |