

# Jingli Yuan

## List of Publications by Year in descending order

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118  
papers

6,371  
citations

46984

47  
h-index

71651

76  
g-index

119  
all docs

119  
docs citations

119  
times ranked

5304  
citing authors

| #  | ARTICLE   | IF  | CITATIONS |
|----|---|-----|-----------|
| 1  | A Europium(III) Complex as an Efficient Singlet Oxygen Luminescence Probe. <i>Journal of the American Chemical Society</i> , 2006, 128, 13442-13450.  | 6.6 | 342       |
| 2  | Synthesis of a Terbium Fluorescent Chelate and Its Application to Time-Resolved Fluoroimmunoassay. <i>Analytical Chemistry</i> , 2001, 73, 1869-1876.   | 3.2 | 217       |
| 3  | Bioanalytical methods for hypochlorous acid detection: Recent advances and challenges. <i>TrAC - Trends in Analytical Chemistry</i> , 2018, 99, 1-33.   | 5.8 | 190       |
| 4  | Lanthanide-based luminescence probes and time-resolved luminescence bioassays. <i>TrAC - Trends in Analytical Chemistry</i> , 2006, 25, 490-500.  | 5.8 | 183       |
| 5  | A New Tetradentate $\beta^2$ -Diketonate $\beta^2$ -Europium Chelate That Can Be Covalently Bound to Proteins for Time-Resolved Fluoroimmunoassay. <i>Analytical Chemistry</i> , 1998, 70, 596-601.       | 3.2 | 173       |
| 6  | Lanthanide Complex-Based Fluorescence Label for Time-Resolved Fluorescence Bioassay. <i>Journal of Fluorescence</i> , 2005, 15, 559-568.  | 1.3 | 155       |
| 7  | Recent advances in the development of responsive probes for selective detection of cysteine. <i>Coordination Chemistry Reviews</i> , 2020, 408, 213182.   | 9.5 | 137       |
| 8  | On-the-fly decoding luminescence lifetimes in the microsecond region for lanthanide-encoded suspension arrays. <i>Nature Communications</i> , 2014, 5, 3741.  | 5.8 | 135       |
| 9  | $\beta^2$ Dual-Key-and-Lock $\beta^2$ Ruthenium Complex Probe for Lysosomal Formaldehyde in Cancer Cells and Tumors. <i>Journal of the American Chemical Society</i> , 2019, 141, 8462-8472.              | 6.6 | 135       |
| 10 | Responsive Metal Complex Probes for Time-Gated Luminescence Biosensing and Imaging. <i>Accounts of Chemical Research</i> , 2020, 53, 1316-1329.   | 7.6 | 121       |
| 11 | A unique iridium(III) complex-based chemosensor for multi-signal detection and multi-channel imaging of hypochlorous acid in liver injury. <i>Biosensors and Bioelectronics</i> , 2017, 87, 1005-1011.    | 5.3 | 117       |
| 12 | Development of a heterobimetallic Ru(II) $\beta^2$ Cu(II) complex for highly selective and sensitive luminescence sensing of sulfide anions. <i>Analytica Chimica Acta</i> , 2011, 691, 83-88.            | 2.6 | 114       |
| 13 | Lanthanide Complex-Based Luminescent Probes for Highly Sensitive Time-Gated Luminescence Detection of Hypochlorous Acid. <i>Analytical Chemistry</i> , 2012, 84, 10785-10792.                             | 3.2 | 114       |
| 14 | A ruthenium(II) complex-based lysosome-targetable multisignal chemosensor for in vivo detection of hypochlorous acid. <i>Biomaterials</i> , 2015, 68, 21-31.  | 5.7 | 113       |
| 15 | Turn-on Luminescent Probe for Cysteine/Homocysteine Based on a Ruthenium(II) Complex. <i>Inorganic Chemistry</i> , 2010, 49, 7898-7903.   | 1.9 | 112       |
| 16 | Development of a Novel Lysosome-Targeted Ruthenium(II) Complex for Phosphorescence/Time-Gated Luminescence Assay of Biothiols. <i>Analytical Chemistry</i> , 2017, 89, 4517-4524.                         | 3.2 | 105       |
| 17 | Dual-emissive nanoarchitecture of lanthanide-complex-modified silica particles for in vivo ratiometric time-gated luminescence imaging of hypochlorous acid. <i>Chemical Science</i> , 2017, 8, 150-159.  | 3.7 | 99        |
| 18 | Quantitative Monitoring and Visualization of Hydrogen Sulfide In vivo Using a Luminescent Probe Based on a Ruthenium(II) Complex. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 3999-4004. | 7.2 | 98        |

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|----|---|-----|-----------|
| 19 | Development of functionalized fluorescent europium nanoparticles for biolabeling and time-resolved fluorometric applications. <i>Journal of Materials Chemistry</i> , 2004, 14, 2896.               | 6.7 | 97        |
| 20 | Development of a Ruthenium(II) Complex Based Luminescent Probe for Imaging Nitric Oxide Production in Living Cells. <i>Chemistry - A European Journal</i> , 2010, 16, 6884-6891.                    | 1.7 | 97        |
| 21 | A Lanthanide-Complex-Based Ratiometric Luminescent Probe Specific for Peroxynitrite. <i>Chemistry - A European Journal</i> , 2010, 16, 6464-6472.   | 1.7 | 94        |
| 22 | Novel fluorescent europium chelate-doped silica nanoparticles: preparation, characterization and time-resolved fluorometric application. <i>Journal of Materials Chemistry</i> , 2004, 14, 851.     | 6.7 | 91        |
| 23 | Preparation and Time-Resolved Fluorometric Application of Luminescent Europium Nanoparticles. <i>Chemistry of Materials</i> , 2004, 16, 2494-2498.  | 3.2 | 91        |
| 24 | A new europium chelate-based phosphorescence probe specific for singlet oxygen. <i>Chemical Communications</i> , 2005, , 3553.  | 2.2 | 91        |
| 25 | A europium(iii) chelate as an efficient time-gated luminescent probe for nitric oxide. <i>Chemical Communications</i> , 2011, 47, 6266.   | 2.2 | 90        |
| 26 | Visible-light-sensitized highly luminescent europium nanoparticles: preparation and application for time-gated luminescence bioimaging. <i>Journal of Materials Chemistry</i> , 2009, 19, 1258.     | 6.7 | 87        |
| 27 | Mitochondria Targetable Time-Gated Luminescence Probe for Singlet Oxygen Based on a $\beta$ -Diketonate-Europium Complex. <i>Inorganic Chemistry</i> , 2015, 54, 11660-11668.                       | 1.9 | 85        |
| 28 | Development of a Ruthenium(II) Complex-Based Luminescent Probe for Hypochlorous Acid in Living Cells. <i>Inorganic Chemistry</i> , 2013, 52, 10325-10331.   | 1.9 | 76        |
| 29 | Development of a novel lysosome-targetable time-gated luminescence probe for ratiometric and luminescence lifetime detection of nitric oxide in vivo. <i>Chemical Science</i> , 2017, 8, 1969-1976. | 3.7 | 76        |
| 30 | A Lanthanide Complex-Based Ratiometric Luminescence Probe for Time-Gated Luminescence Detection of Intracellular Thiols. <i>Analytical Chemistry</i> , 2013, 85, 11658-11664.                       | 3.2 | 72        |
| 31 | Learning from lanthanide complexes: The development of dye-lanthanide nanoparticles and their biomedical applications. <i>Coordination Chemistry Reviews</i> , 2021, 429, 213642.                   | 9.5 | 72        |
| 32 | Ratiometric Time-Gated Luminescence Probe for Hydrogen Sulfide Based on Lanthanide Complexes. <i>Analytical Chemistry</i> , 2014, 86, 11883-11889.  | 3.2 | 66        |
| 33 | Developing Red-Emissive Ruthenium(II) Complex-Based Luminescent Probes for Cellular Imaging. <i>Bioconjugate Chemistry</i> , 2012, 23, 725-733.   | 1.8 | 64        |
| 34 | A cell-membrane-permeable europium complex as an efficient luminescent probe for singlet oxygen. <i>Journal of Materials Chemistry B</i> , 2013, 1, 924.  | 2.9 | 64        |
| 35 | Development of a ratiometric time-resolved luminescence sensor for pH based on lanthanide complexes. <i>Analytica Chimica Acta</i> , 2013, 761, 149-156.  | 2.6 | 64        |
| 36 | A Ratiometric Luminescence Probe for Highly Reactive Oxygen Species Based on Lanthanide Complexes. <i>Inorganic Chemistry</i> , 2012, 51, 2940-2946.  | 1.9 | 63        |

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|----|---|-----|-----------|
| 37 | Luminescent europium nanoparticles with a wide excitation range from UV to visible light for biolabeling and time-gated luminescence bioimaging. <i>Chemical Communications</i> , 2008, , 365-367.                        | 2.2 | 61        |
| 38 | Advances in the development of fluorescence probes for cell plasma membrane imaging. <i>TrAC - Trends in Analytical Chemistry</i> , 2020, 133, 116092.  | 5.8 | 59        |
| 39 | Placental Barrier-on-a-Chip: Modeling Placental Inflammatory Responses to Bacterial Infection. <i>ACS Biomaterials Science and Engineering</i> , 2018, 4, 3356-3363.  | 2.6 | 58        |
| 40 | Development of a Terbium Complex-Based Luminescent Probe for Imaging Endogenous Hydrogen Peroxide Generation in Plant Tissues. <i>Analytical Chemistry</i> , 2011, 83, 4163-4169.   | 3.2 | 57        |
| 41 | Homogeneous DNA Hybridization Assay by Using Europium Luminescence Energy Transfer. <i>Bioconjugate Chemistry</i> , 2000, 11, 827-831.  | 1.8 | 55        |
| 42 | Preparation of europium complex-conjugated carbon dots for ratiometric fluorescence detection of copper(II) ions. <i>New Journal of Chemistry</i> , 2014, 38, 5721-5726.  | 1.4 | 55        |
| 43 | Preparation and Time-Resolved Luminescence Bioassay Application of Multicolor Luminescent Lanthanide Nanoparticles. <i>Journal of Fluorescence</i> , 2010, 20, 321-328.   | 1.3 | 53        |
| 44 | Practical Implementation, Characterization and Applications of a Multi-Colour Time-Gated Luminescence Microscope. <i>Scientific Reports</i> , 2014, 4, 6597.  | 1.6 | 51        |
| 45 | Mitochondria-Targetable Ratiometric Time-Gated Luminescence Probe for Carbon Monoxide Based on Lanthanide Complexes. <i>Analytical Chemistry</i> , 2019, 91, 2939-2946.   | 3.2 | 51        |
| 46 | Photoluminescent and electrochemiluminescent dual-signaling probe for bio-thiols based on a ruthenium(II) complex. <i>Analytica Chimica Acta</i> , 2012, 740, 80-87.  | 2.6 | 49        |
| 47 | Highly sensitive and selective phosphorescent chemosensors for hypochlorous acid based on ruthenium(II) complexes. <i>Biosensors and Bioelectronics</i> , 2013, 50, 1-7.  | 5.3 | 49        |
| 48 | Fluorescence Enhancement by Electron-Withdrawing Groups on $\beta$ -Diketones in Eu(III)- $\beta$ -diketonato-topo Ternary Complexes. <i>Analytical Sciences</i> , 1996, 12, 31-36.                                       | 0.8 | 45        |
| 49 | Homogeneous Time-Resolved Fluorescence DNA Hybridization Assay by DNA-Mediated Formation of an EDTA-Eu(III)- $\beta$ -Diketonate Ternary Complex. <i>Analytical Biochemistry</i> , 2001, 299, 169-172.                    | 1.1 | 45        |
| 50 | Development of a novel terbium chelate-based luminescent chemosensor for time-resolved luminescence detection of intracellular Zn <sup>2+</sup> ions. <i>Biosensors and Bioelectronics</i> , 2010, 26, 1043-1048.         | 5.3 | 45        |
| 51 | A novel dinuclear ruthenium(II)-copper(II) complex-based luminescent probe for hydrogen sulfide. <i>Dalton Transactions</i> , 2014, 43, 13055.  | 1.6 | 44        |
| 52 | Using silver nanocluster/graphene nanocomposite to enhance photoelectrochemical activity of CdS:Mn/TiO <sub>2</sub> for highly sensitive signal-on immunoassay. <i>Biosensors and Bioelectronics</i> , 2016, 80, 614-620. | 5.3 | 44        |
| 53 | A mitochondria-targeting time-gated luminescence probe for hypochlorous acid based on a europium complex. <i>Journal of Materials Chemistry B</i> , 2017, 5, 2849-2855.   | 2.9 | 44        |
| 54 | Development of a functional ruthenium(II) complex for probing hypochlorous acid in living cells. <i>Dalton Transactions</i> , 2014, 43, 8414.   | 1.6 | 43        |

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|----|--|-----|-----------|
| 55 | A ruthenium(II) complexâ€“cyanine energy transfer scaffold based luminescence probe for ratiometric detection and imaging of mitochondrial peroxynitrite. <i>Chemical Communications</i> , 2018, 54, 13698-13701.                  | 2.2 | 43        |
| 56 | Red-Emitting Ruthenium(II) and Iridium(III) Complexes as Phosphorescent Probes for Methylglyoxal in Vitro and in Vivo. <i>Inorganic Chemistry</i> , 2017, 56, 1309-1318.   | 1.9 | 42        |
| 57 | A $\beta$ -diketonateâ€“europium(III) complex-based fluorescent probe for highly sensitive time-gated luminescence detection of copper and sulfide ions in living cells. <i>New Journal of Chemistry</i> , 2017, 41, 5981-5987.    | 1.4 | 41        |
| 58 | Iridium(III) Complexâ€“Based Activatable Probe for Phosphorescent/Timeâ€“Gated Luminescent Sensing and Imaging of Cysteine in Mitochondria of Live Cells and Animals. <i>Chemistry - A European Journal</i> , 2019, 25, 1498-1506. | 1.7 | 40        |
| 59 | â€œTwo Birds with One Stoneâ€“Ruthenium(II) Complex Probe for Biothiols Discrimination and Detection In Vitro and In Vivo. <i>Advanced Science</i> , 2020, 7, 2000458.   | 5.6 | 40        |
| 60 | New Class of Tetradentate $\beta$ -Diketonate-Europium Complexes That Can Be Covalently Bound to Proteins for Time-Gated Fluorometric Application. <i>Bioconjugate Chemistry</i> , 2012, 23, 1244-1251.                            | 1.8 | 39        |
| 61 | Development of a novel terbium(III) chelate-based luminescent probe for highly sensitive time-resolved luminescence detection of hydroxyl radical. <i>Talanta</i> , 2011, 84, 971-976.   | 2.9 | 38        |
| 62 | Synthesis and time-resolved fluorimetric application of a europium chelate-based phosphorescence probe specific for singlet oxygen. <i>New Journal of Chemistry</i> , 2005, 29, 1431.  | 1.4 | 37        |
| 63 | Background-free in-vivo Imaging of Vitamin C using Time-gateable Responsive Probe. <i>Scientific Reports</i> , 2015, 5, 14194.   | 1.6 | 37        |
| 64 | Bimodal Phosphorescenceâ€“Magnetic Resonance Imaging Nanoprobes for Glutathione Based on MnO <sub>2</sub> Nanosheetâ€“Ru(II) Complex Nanoarchitecture. <i>ACS Applied Materials &amp; Interfaces</i> , 2018, 10, 27681-27691.      | 4.0 | 37        |
| 65 | Precise Monitoring of Drug-Induced Kidney Injury Using an Endoplasmic Reticulum-Targetable Ratiometric Time-Gated Luminescence Probe for Superoxide Anions. <i>Analytical Chemistry</i> , 2019, 91, 14019-14028.                   | 3.2 | 37        |
| 66 | Ratiometric Time-Gated Luminescence Probe for Nitric Oxide Based on an Apoferritin-Assembled Lanthanide Complex-Rhodamine Luminescence Resonance Energy Transfer System. <i>Analytical Chemistry</i> , 2015, 87, 10878-10885.      | 3.2 | 35        |
| 67 | Development of organelle-targetable europium complex probes for time-gated luminescence imaging of hypochlorous acid in live cells and animals. <i>Dyes and Pigments</i> , 2017, 140, 407-416.                                     | 2.0 | 35        |
| 68 | Two-photon dual imaging platform for in vivo monitoring cellular oxidative stress in liver injury. <i>Scientific Reports</i> , 2017, 7, 45374.   | 1.6 | 35        |
| 69 | Elevated Plasma Stromal Cell-Derived Factor 1 Protein Level in the Progression of HIV Type 1 Infection/AIDS. <i>AIDS Research and Human Retroviruses</i> , 2001, 17, 587-595.  | 0.5 | 34        |
| 70 | Responsive nanosensor for ratiometric luminescence detection of hydrogen sulfide in inflammatory cancer cells. <i>Analytica Chimica Acta</i> , 2020, 1103, 156-163.  | 2.6 | 31        |
| 71 | Di-branched triphenylamine dye sensitized TiO <sub>2</sub> nanocomposites with good photo-stability for sensitive photoelectrochemical detection of organophosphate pesticides. <i>Analytica Chimica Acta</i> , 2018, 1001, 24-31. | 2.6 | 29        |
| 72 | Extending the excitation wavelength from UV to visible light for a europium complex-based mitochondria targetable luminescent probe for singlet oxygen. <i>Dalton Transactions</i> , 2018, 47, 12852-12857.                        | 1.6 | 29        |

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|----|--|-----|-----------|
| 73 | Core-Shell Nanoarchitectures: A Strategy To Improve the Efficiency of Luminescence Resonance Energy Transfer. <i>ACS Nano</i> , 2010, 4, 5389-5397.  | 7.3 | 28        |
| 74 | Development and application of a ruthenium(II) complex-based photoluminescent and electrochemiluminescent dual-signaling probe for nitric oxide. <i>Talanta</i> , 2013, 116, 354-360.  | 2.9 | 28        |
| 75 | A ratiometric time-gated luminescence probe for hydrogen sulfide based on copper(II)-coupled lanthanide complexes. <i>Analytica Chimica Acta</i> , 2019, 1049, 152-160.  | 2.6 | 28        |
| 76 | Sensitive Time-Gated Immunoluminescence Detection of Prostate Cancer Cells Using a TEGylated Europium Ligand. <i>Analytical Chemistry</i> , 2016, 88, 9564-9571.   | 3.2 | 27        |
| 77 | Synthesis of a New Tetradentate $\beta$ -Diketonate-Europium Chelate That Can Be Covalently Bound to Proteins in Time-Resolved Fluorometry. <i>Analytical Sciences</i> , 1996, 12, 695-699.  | 0.8 | 25        |
| 78 | A ruthenium(ii) complex based turn-on electrochemiluminescence probe for the detection of nitric oxide. <i>Analyst</i> , The, 2011, 136, 1867.   | 1.7 | 25        |
| 79 | Highly Sensitive Detection of Bensulfuron-methyl by Time-Resolved Fluoroimmunoassay Using a Tetradentate .BETA.-Diketonate Europium Chelate as a Label.. <i>Analytical Sciences</i> , 1999, 15, 125-128.   | 0.8 | 22        |
| 80 | Development of singlet oxygen-responsive phosphorescent ruthenium(ii) complexes. <i>Dalton Transactions</i> , 2013, 42, 14380.   | 1.6 | 22        |
| 81 | A visible-light-excited $\text{Eu}^{3+}$ complex-based luminescent probe for highly sensitive time-gated luminescence imaging detection of intracellular peroxynitrite. <i>Journal of Materials Chemistry B</i> , 2017, 5, 2322-2329.                | 2.9 | 22        |
| 82 | Design of a $\beta$ -diketonate- $\text{Eu}^{3+}$ complex-based time-gated luminescence probe for visualizing mitochondrial singlet oxygen. <i>New Journal of Chemistry</i> , 2017, 41, 15187-15194.   | 1.4 | 22        |
| 83 | A visible-light-excitable mitochondria-targeted europium complex probe for hypochlorous acid and its application to time-gated luminescence bioimaging. <i>Biosensors and Bioelectronics</i> , 2020, 168, 112560.                                    | 5.3 | 22        |
| 84 | A Ruthenium(II) complex-based probe for colorimetric and luminescent detection and imaging of hydrogen sulfide in living cells and organisms. <i>Analytica Chimica Acta</i> , 2021, 1145, 114-123.   | 2.6 | 22        |
| 85 | Highly Sensitive Quantitation of Methamphetamine by Time-Resolved Fluoroimmunoassay Using a New Europium Chelate as a Label. <i>Journal of Analytical Toxicology</i> , 1999, 23, 11-16.  | 1.7 | 21        |
| 86 | Synthesis and time-gated fluorometric application of a europium(III) complex with a borono-substituted terpyridine polyacid ligand. <i>Talanta</i> , 2012, 91, 116-121.  | 2.9 | 21        |
| 87 | Development of a ruthenium(II) complex-based luminescence probe for detection of hydrogen sulfite in food samples. <i>Microchemical Journal</i> , 2018, 141, 181-187.  | 2.3 | 21        |
| 88 | A dual-modal nanoprobe based on $\text{Eu}^{3+}$ complex- $\text{MnO}_2$ nanosheet nanocomposites for time-gated luminescence-magnetic resonance imaging of glutathione <i>in vitro</i> and <i>in vivo</i> . <i>Nanoscale</i> , 2019, 11, 6784-6793. | 2.8 | 21        |
| 89 | A lysosome-targeting nanosensor for simultaneous fluorometric imaging of intracellular pH values and temperature. <i>Mikrochimica Acta</i> , 2018, 185, 533.   | 2.5 | 20        |
| 90 | Construction of a multifunctional nanoprobe for tumor-targeted time-gated luminescence and magnetic resonance imaging <i>in vitro</i> and <i>in vivo</i> . <i>Nanoscale</i> , 2018, 10, 11597-11603.   | 2.8 | 20        |

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|-----|--|-----|-----------|
| 91  | Sensitive Time-Resolved Fluoroimmunoassay of Human Thyroid-Stimulating Hormone by Using a New Europium Fluorescent Chelate as a Label.. Analytical Sciences, 1998, 14, 421-423.  | 0.8 | 19        |
| 92  | Development of a mitochondria targetable ratiometric time-gated luminescence probe for biothiols based on lanthanide complexes. Journal of Materials Chemistry B, 2018, 6, 1844-1851.  | 2.9 | 19        |
| 93  | Time-gated luminescence probe for ratiometric and luminescence lifetime detection of Hypochlorous acid in lysosomes of live cells. Talanta, 2020, 212, 120760.   | 2.9 | 19        |
| 94  | Smart Bimodal Imaging of Hypochlorous Acid In Vivo Using a Heterobimetallic Ruthenium(II)â€“Gadolinium(III) Complex Probe. Analytical Chemistry, 2020, 92, 11145-11154.  | 3.2 | 17        |
| 95  | A comparison study on the interactions of two oligosaccharides with tobacco cells by time-resolved fluorometric method. Carbohydrate Polymers, 2012, 90, 491-495.  | 5.1 | 16        |
| 96  | A functional ruthenium(II) complex for imaging biothiols in living bodies. Dalton Transactions, 2015, 44, 8278-8283.   | 1.6 | 16        |
| 97  | Responsive ruthenium complex probe for phosphorescence and time-gated luminescence detection of bisulfite. Dalton Transactions, 2020, 49, 5531-5538.   | 1.6 | 14        |
| 98  | Development of a fluorescein modified ruthenium(II) complex probe for lysosome-targeted ratiometric luminescence detection and imaging of peroxynitrite in living cells. Analytica Chimica Acta, 2022, 1205, 339784.                           | 2.6 | 14        |
| 99  | Preparation and functionalization of a visible-light-excited europium complex-modified luminescent protein for cell imaging applications. Analyst, The, 2014, 139, 1162.   | 1.7 | 13        |
| 100 | Development of a novel europium complex-based luminescent probe for time-gated luminescence imaging of hypochlorous acid in living samples. Methods and Applications in Fluorescence, 2017, 5, 014009.   | 1.1 | 13        |
| 101 | Purification of natural neutral N-glycans by using two-dimensional hydrophilic interaction liquid chromatography Å— porous graphitized carbon chromatography for glycan-microarray assay. Talanta, 2021, 221, 121382.                          | 2.9 | 12        |
| 102 | Time-Resolved Fluorometric Detection of DNA Using a Tetradentate .BETA.-Diketonate Europium Chelate as a Label.. Analytical Sciences, 1999, 15, 121-124.   | 0.8 | 11        |
| 103 | A carboxylated graphene nanodisks/glucose oxidase nanotags and Mn:CdS/TiO <sub>2</sub> matrix based dual signal amplification strategy for ultrasensitive photoelectrochemical detection of tumor markers. Analyst, The, 2017, 142, 4647-4654. | 1.7 | 11        |
| 104 | Quantitative Monitoring and Visualization of Hydrogen Sulfide Inâ€“Vivo Using a Luminescent Probe Based on a Ruthenium(II) Complex. Angewandte Chemie, 2018, 130, 4063-4068.   | 1.6 | 11        |
| 105 | Tumor-targetable magnetoluminescent silica nanoparticles for bimodal time-gated luminescence/magnetic resonance imaging of cancer cells in vitro and in vivo. Talanta, 2020, 220, 121378.  | 2.9 | 11        |
| 106 | Design and Synthesis of a New Terbium Complex-Based Luminescent Probe for Time-Resolved Luminescence Sensing of Zinc Ions. Journal of Fluorescence, 2014, 24, 1537-1544.   | 1.3 | 10        |
| 107 | Ruthenium(II) complex-based long-lived two-photon luminescence probe for dynamic monitoring of glutathione S-transferases in mouse models of drug-induced liver injury. Sensors and Actuators B: Chemical, 2022, 357, 131440.                  | 4.0 | 10        |
| 108 | Absolute quantitation of high abundant Fc-glycopeptides from human serum IgG-1. Analytica Chimica Acta, 2020, 1102, 130-139.   | 2.6 | 8         |



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|-----|---|-----|-----------|
| 109 | A multifunctional nanoprobe based on europium( <sup>iii</sup> ) complex-Fe <sub>3</sub> O <sub>4</sub> nanoparticles for bimodal time-gated luminescence/magnetic resonance imaging of cancer cells <i>in vitro</i> and <i>in vivo</i> . <i>New Journal of Chemistry</i> , 2022, 46, 9658-9665. | 1.4 | 7         |
| 110 | Design and Synthesis of a Ruthenium(II) Complex-Based Luminescent Probe for Highly Selective and Sensitive Luminescence Detection of Nitric Oxide. <i>Journal of Fluorescence</i> , 2013, 23, 1113-1120.  | 1.3 | 6         |
| 111 | Development of a Functional Ruthenium(II) Complex that Can Act as a Photoluminescent and Electrochemiluminescent Dual-signaling Probe for Hypochlorous Acid. <i>Journal of Fluorescence</i> , 2015, 25, 997-1004.   | 1.3 | 6         |
| 112 | Luminescent Nanoparticles of Silica-Encapsulated Cadmium-Tellurium (CdTe) Quantum Dots with a Core-Shell Structure: Preparation and Characterization. <i>Helvetica Chimica Acta</i> , 2009, 92, 2249-2256.  | 1.0 | 5         |
| 113 | A novel heterobimetallic Ru(ii)-Gd(iii) complex-based magnetoluminescent agent for MR and luminescence imaging. <i>RSC Advances</i> , 2015, 5, 96525-96531.   | 1.7 | 4         |
| 114 | Time-Gated Luminescent In Situ Hybridization (LISH): Highly Sensitive Detection of Pathogenic <i>Staphylococcus aureus</i> . <i>Molecules</i> , 2019, 24, 2083.   | 1.7 | 4         |
| 115 | Development of a tumor-targetable heteropolymetallic lanthanide-complex-based magnetoluminescent probe for dual-modal time-gated luminescence/magnetic resonance imaging of cancer cells <i>in vitro</i> and <i>in vivo</i> . <i>New Journal of Chemistry</i> , 2021, 45, 9181-9188.            | 1.4 | 4         |
| 116 | A folic acid-functionalized dual-emissive nanoprobe for luminescence imaging of cancer cells. <i>Methods</i> , 2019, 168, 102-108.  | 1.9 | 3         |
| 117 | Bioconjugates of versatile $\beta$ -diketonate-lanthanide complexes as probes for time-gated luminescence and magnetic resonance imaging of cancer cells <i>in vitro</i> and <i>in vivo</i> . <i>Journal of Materials Chemistry B</i> , 2021, 9, 3161-3167.                                     | 2.9 | 3         |
| 118 | Calibration for quantitative Fc-glycosylation analysis of therapeutic IgG1-type monoclonal antibodies by using glycopeptide standards. <i>Analytica Chimica Acta</i> , 2021, 1154, 338306.  | 2.6 | 1         |