

Nantanit Wanichacheva

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

33
papers

513
citations

14
h-index

22
g-index

39
ext. papers

612
ext. citations

4.8
avg, IF

3.89
L-index

| # | Paper | IF | Citations |
|----|---|------|-----------|
| 33 | Dual Mode of Cyanide Detection by Fluorescein-Based Turn-ON Bi-Signaling Fluorescence and Colorimetric Sensing: Agricultural Product and Cellular Studies. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2021 , 113636 | 4.7 | 0 |
| 32 | Rapid and visual detection of Cd based on aza-BODIPY near infrared dye and its application in real and biological samples for environmental contamination screening. <i>Journal of Hazardous Materials</i> , 2021 , 409, 124487 | 12.8 | 2 |
| 31 | Detection of hazardous mercury ion using [5]helicene-based fluorescence probe with "TurnON" sensing response for practical applications. <i>Journal of Hazardous Materials</i> , 2021 , 418, 126242 | 12.8 | 10 |
| 30 | Turn-On fluorescence resonance energy transfer (FRET)-based electrospun fibrous membranes: Rapid and ultrasensitive test strips for on-site detection of Mercury (II) ion. <i>Sensors and Actuators B: Chemical</i> , 2021 , 344, 130212 | 8.5 | 5 |
| 29 | Near infrared and colorimetric fluorescence sensor for ultra-selective detection of Cu ²⁺ level with applications in diverse water samples, brain tumor cell and flow injection analysis. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2021 , 421, 113533 | 4.7 | 2 |
| 28 | Near-IR aza-BODIPY-based probe for the selective simultaneous detection of Cu ²⁺ in aqueous buffer solutions and its application in biological samples. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2020 , 400, 112641 | 4.7 | 1 |
| 27 | [5]Helicene-rhodamine 6 G hybrid-based sensor for ultrasensitive Hg ²⁺ detection and its biological applications. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2020 , 394, 112473 | 4.7 | 9 |
| 26 | Cu-selective NIR fluorescence sensor based on heptamethine cyanine in aqueous media and its application. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2020 , 240, 118606 | 4.4 | 9 |
| 25 | A method to detect Hg ²⁺ in vegetable via a Turn-ON Hg ²⁺ fluorescent sensor with a nanomolar sensitivity. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2020 , 389, 112224 | 4.7 | 8 |
| 24 | A new water-soluble Fe ³⁺ fluorescence sensor with a large Stokes shift based on [5]helicene derivative: Its application in flow injection analysis and biological systems. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2020 , 401, 112769 | 4.7 | 8 |
| 23 | Water-soluble Cu ²⁺ -fluorescent sensor based on core-substituted naphthalene diimide and its application in drinking water analysis and live cell imaging. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2019 , 382, 111852 | 4.7 | 10 |
| 22 | Environmentally Friendly Ag ⁺ Detection of Turn-on Fluorescent Sensor with a Mega-Stokes Shift and Its Application in Biological Systems. <i>Oriental Journal of Chemistry</i> , 2019 , 35, 1227-1234 | 0.8 | 5 |
| 21 | Natural Colorimetric Sensor from Sappanwood for Turn-on Selective Fe ²⁺ Detection in Aqueous Media and Its Application in Water and Pharmaceutical Samples. <i>Chemistry Letters</i> , 2019 , 48, 678-681 | 1.7 | 2 |
| 20 | A Near-Infrared Fluorescence Chemosensor Based on Isothiocyanate-Aza-BODIPY for Cyanide Detection at the Parts per Billion Level: Applications in Buffer Media and Living Cell Imaging. <i>ChemPlusChem</i> , 2019 , 84, 252-259 | 2.8 | 11 |
| 19 | Turn-ON [5]helicene-based fluorescence sensor with very large Stokes shift for highly selective detection of Ag ⁺ and AgNPs. <i>Sensors and Actuators B: Chemical</i> , 2018 , 259, 862-870 | 8.5 | 16 |
| 18 | Colorimetric and fluorescent sensing of a new FRET system via [5]helicene and rhodamine 6G for Hg ²⁺ detection. <i>New Journal of Chemistry</i> , 2018 , 42, 1396-1402 | 3.6 | 20 |
| 17 | Novel Cu ²⁺ -specific Turn-ON fluorescent probe based on [5]helicene with very large Stokes shift and its potential application in living cells. <i>New Journal of Chemistry</i> , 2018 , 42, 5540-5547 | 3.6 | 13 |

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|----|--|-----|----|
| 16 | Dual-Analyte Fluorescent Sensor Based on [5]Helicene Derivative with Super Large Stokes Shift for the Selective Determinations of Cu or Zn in Buffer Solutions and Its Application in a Living Cell. <i>ACS Sensors</i> , 2018 , 3, 1016-1023 | 9.2 | 50 |
| 15 | Triple detection modes for Hg ₂ ⁺ sensing based on a NBD-fluorescent and colorimetric sensor and its potential in cell imaging. <i>New Journal of Chemistry</i> , 2018 , 42, 12412-12420 | 3.6 | 9 |
| 14 | Near-infrared aza-BODIPY fluorescent probe for selective Cu detection and its potential in living cell imaging. <i>Dalton Transactions</i> , 2017 , 46, 16251-16256 | 4.3 | 21 |
| 13 | New Di-, Tri-, and Tetra-Core-Functionalized Naphthalene Diimides from Reactions of Allyl Ethers with Lewis Acids. <i>Asian Journal of Organic Chemistry</i> , 2017 , 6, 47-53 | 3 | 2 |
| 12 | Highly Cu ²⁺ -sensitive and selective colorimetric and fluorescent probes: Utilizations in batch, flow analysis and living cell imaging. <i>Sensors and Actuators B: Chemical</i> , 2017 , 241, 868-878 | 8.5 | 19 |
| 11 | Highly sensitive and selective Hg ₂ ⁺ -chemosensor based on dithia-cyclic fluorescein for optical and visual-eye detections in aqueous buffer solution. <i>Sensors and Actuators B: Chemical</i> , 2016 , 224, 201-208 | 8.5 | 33 |
| 10 | Highly Hg ₂ ⁺ -sensitive and selective fluorescent sensors in aqueous solution and sensors-encapsulated polymeric membrane. <i>RSC Advances</i> , 2016 , 6, 10401-10411 | 3.7 | 26 |
| 9 | Turn-on naphthalimide fluorescent sensor with high quantum yield and large Stokes shift for the determination of Cu(II). <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2016 , 330, 55-63 | 4.7 | 22 |
| 8 | Oligoethylene glycol-substituted aza-BODIPY dyes as red emitting ER-probes. <i>Organic and Biomolecular Chemistry</i> , 2015 , 13, 8271-6 | 3.9 | 20 |
| 7 | Synthesis of Novel Fluorescent Sensors Based on Naphthalimide Fluorophores for the Highly Selective Hg ₂ ⁺ -Sensing. <i>Journal of Chemistry</i> , 2015 , 2015, 1-9 | 2.3 | 2 |
| 6 | Colorimetric sensor for detection of Hg ₂ ⁺ in aqueous samples utilizing rhodamine B hydrazide-modified silica. <i>Materials Express</i> , 2015 , 5, 300-308 | 1.3 | 5 |
| 5 | "Naked-eye" colorimetric and "turn-on" fluorometric chemosensors for reversible Hg ₂ ⁺ detection. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2014 , 118, 908-14 | 4.4 | 35 |
| 4 | Dual optical Hg ₂ ⁺ -selective sensing through FRET system of fluorescein and rhodamine B fluorophores. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2014 , 278, 75-81 | 4.7 | 48 |
| 3 | A new fluorescent sensor bearing three dansyl fluorophores for highly sensitive and selective detection of mercury(II) ions. <i>Tetrahedron Letters</i> , 2011 , 52, 6133-6136 | 2 | 19 |
| 2 | Synthesis of a novel fluorescent sensor bearing dansyl fluorophores for the highly selective detection of mercury (II) ions. <i>Molecules</i> , 2010 , 15, 1798-810 | 4.8 | 28 |
| 1 | Dual optical detection of a novel selective mercury sensor based on 7-nitrobenzo-2-oxa-1,3-diazolyl subunits. <i>Tetrahedron Letters</i> , 2009 , 50, 1783-1786 | 2 | 42 |