

# Jiang-Shan Shen

## List of Publications by Year in descending order

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Version: 2024-02-01

28  
papers

691  
citations

516710

16  
h-index

552781

26  
g-index

28  
all docs

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docs citations

28  
times ranked

1016  
citing authors

| #  | ARTICLE  | IF  | CITATIONS |
|----|--|-----|-----------|
| 1  | Reaction-based fluorescence probes for $\alpha$ -turn on $\alpha$ -sensing fluoride ions. <i>Organic and Biomolecular Chemistry</i> , 2022, 20, 1191-1195.   | 2.8 | 4         |
| 2  | Tandem Förster resonance energy transfer induced visual ratiometric fluorescence sensing of tetracyclines based on zeolitic imidazolate framework-8 incorporated with carbon dots and safranin T. <i>Analyst</i> , 2022, 147, 1152-1158.             | 3.5 | 6         |
| 3  | Self-Assembled Multivalent Ag <sup>+</sup> SR Coordination Polymers with Phosphatase-Like Activity. <i>Chemistry - A European Journal</i> , 2021, 27, 7646-7650.   | 3.3 | 5         |
| 4  | A Multi-Catalytic Sensing for Hydrogen Peroxide, Glucose, and Organophosphorus Pesticides Based on Carbon Dots. <i>Frontiers in Chemistry</i> , 2021, 9, 713104.   | 3.6 | 6         |
| 5  | Enantioselective Dynamic Exchange Reactions of Imines. <i>Journal of Organic Chemistry</i> , 2021, 86, 12932-12944.  | 3.2 | 4         |
| 6  | A solvatochromic AIE tetrahydro[5]helicene derivative as fluorescent probes for water in organic solvents and highly sensitive sensors for glyceryl monostearate. <i>Talanta</i> , 2020, 206, 120214.  | 5.5 | 29        |
| 7  | Facile access to versatile aza-macrolides through iridium-catalysed cascade allyl-amination/macrolactonization. <i>Chemical Communications</i> , 2020, 56, 960-963.  | 4.1 | 16        |
| 8  | Facile and green synthesis of N, Cl-dual-doped carbon dots as a label-free fluorescent probe for hematin and temperature sensing. <i>Microchemical Journal</i> , 2020, 153, 104528.  | 4.5 | 18        |
| 9  | Multifunctional Carbon Dots with Solid-Liquid State Orange Light Emission for Vitamin B12 Sensing, Cellular Imaging, and Red/White Light-Emitting Diodes. <i>ACS Applied Nano Materials</i> , 2020, 3, 7420-7427.                                    | 5.0 | 25        |
| 10 | Novel Plasmon-Enhanced Fluorescence Sensing Platform Based on rGO/MoS <sub>2</sub> Films for Ultrasensitive Detection of Protamine and Heparin. <i>ACS Sustainable Chemistry and Engineering</i> , 2020, 8, 9988-9997.                               | 6.7 | 10        |
| 11 | A label-free $\alpha$ -SEF-FRET fluorescent sensing platform for ultrasensitive DNA detection based on AgNPs SAMs. <i>Talanta</i> , 2019, 205, 120072.   | 5.5 | 6         |
| 12 | Highly selective and sensitive turn-on fluorescent probes for sensing Hg <sup>2+</sup> ions in mixed aqueous solution. <i>Sensors and Actuators B: Chemical</i> , 2019, 281, 311-319.  | 7.8 | 18        |
| 13 | Flexible electrospun MWCNTs/Ag <sub>3</sub> PO <sub>4</sub> /PAN ternary composite fiber membranes with enhanced photocatalytic activity and stability under visible-light irradiation. <i>Journal of Materials Science</i> , 2018, 53, 10147-10159. | 3.7 | 20        |
| 14 | Enhanced fluorescence based on graphene self-assembled films and highly sensitive sensing for VB <sub>12</sub> . <i>Journal of Materials Chemistry C</i> , 2018, 6, 4400-4408.   | 5.5 | 11        |
| 15 | A Cu(II) coordination polymer-based catalytic sensing system for detecting cysteine and sulfur anions. <i>Analytical Methods</i> , 2018, 10, 4387-4393.  | 2.7 | 5         |
| 16 | Carbon dots as fluorescent probes for detection of VB <sub>12</sub> based on the inner filter effect. <i>RSC Advances</i> , 2018, 8, 19786-19790.  | 3.6 | 33        |
| 17 | Cu MOF-based catalytic sensing for formaldehyde. <i>Journal of Materials Chemistry C</i> , 2018, 6, 8105-8114.   | 5.5 | 55        |
| 18 | Diverse applications of TMB-based sensing probes. <i>Organic and Biomolecular Chemistry</i> , 2018, 16, 5667-5676.   | 2.8 | 7         |

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|----|--|-----|-----------|
| 19 | Formaldehyde sensing based on the catalytic reaction of $\text{I}^2\text{-HgS}$ nanocrystals. <i>Journal of Materials Chemistry C</i> , 2017, 5, 3757-3764.                                      | 5.5 | 13        |
| 20 | Highly selective and sensitive sensing for $\text{Al}^{3+}$ and $\text{F}^{-}$ based on green photoluminescent carbon dots. <i>RSC Advances</i> , 2016, 6, 97346-97351.                          | 3.6 | 24        |
| 21 | A novel photoluminescence sensing system sensitive for and selective to bromate anions based on carbon dots. <i>RSC Advances</i> , 2016, 6, 61891-61896.   | 3.6 | 14        |
| 22 | Highly selective and sensitive recognition of histidine based on the oxidase-like activity of $\text{Cu}^{2+}$ ions. <i>RSC Advances</i> , 2015, 5, 92114-92120.                                 | 3.6 | 24        |
| 23 | Peroxidase-like activity of ferric ions and their application to cysteine detection. <i>RSC Advances</i> , 2014, 4, 64438-64442.   | 3.6 | 41        |
| 24 | A ratiometric luminescent sensing of $\text{Ag}^+$ ion via in situ formation of coordination polymers. <i>Chemical Communications</i> , 2011, 47, 5900.  | 4.1 | 71        |
| 25 | Metal-Metal-Interaction-Facilitated Coordination Polymer as a Sensing Ensemble: A Case Study for Cysteine Sensing. <i>Langmuir</i> , 2011, 27, 481-486.  | 3.5 | 93        |
| 26 | In situ encapsulating silver nanocrystals into hydrogels. A "green" signaling platform for thiol-containing amino acids or small peptides. <i>Chemical Communications</i> , 2011, 47, 2577-2579. | 4.1 | 20        |
| 27 | Highly selective iodide-responsive gel-sol state transition in supramolecular hydrogels. <i>Journal of Materials Chemistry</i> , 2009, 19, 6219.   | 6.7 | 73        |
| 28 | Photoluminescence of CdTe nanocrystals modulated by methylene blue and DNA. A label-free luminescent signaling nanohybrid platform. <i>Physical Chemistry Chemical Physics</i> , 2009, 11, 5062. | 2.8 | 40        |