

Jiang-Shan Shen

List of Publications by Year in descending order

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28
papers

691
citations

516710

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28
times ranked

1016
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	Highly selective iodide-responsive gel-sol state transition in supramolecular hydrogels. <i>Journal of Materials Chemistry</i> , 2009, 19, 6219.	6.7	73
3	A ratiometric luminescent sensing of Ag ⁺ ion via in situ formation of coordination polymers. <i>Chemical Communications</i> , 2011, 47, 5900.	4.1	71
4	Cu MOF-based catalytic sensing for formaldehyde. <i>Journal of Materials Chemistry C</i> , 2018, 6, 8105-8114.	5.5	55
5	Peroxidase-like activity of ferric ions and their application to cysteine detection. <i>RSC Advances</i> , 2014, 4, 64438-64442.	3.6	41
6	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
7	Carbon dots as fluorescent probes for detection of VB ₁₂ based on the inner filter effect. <i>RSC Advances</i> , 2018, 8, 19786-19790.	3.6	33
8	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
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	Highly selective and sensitive recognition of histidine based on the oxidase-like activity of Cu ²⁺ ions. <i>RSC Advances</i> , 2015, 5, 92114-92120.	3.6	24
11	Highly selective and sensitive sensing for Al ³⁺ and F ⁻ based on green photoluminescent carbon dots. <i>RSC Advances</i> , 2016, 6, 97346-97351.	3.6	24
12	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
13	Flexible electrospun MWCNTs/Ag ₃ PO ₄ /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	Highly selective and sensitive turn-on fluorescent probes for sensing Hg ²⁺ ions in mixed aqueous solution. <i>Sensors and Actuators B: Chemical</i> , 2019, 281, 311-319.	7.8	18
15	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
16	Facile access to versatile aza-macrolides through iridium-catalysed cascade allyl-amination/macrolactonization. <i>Chemical Communications</i> , 2020, 56, 960-963.	4.1	16
17	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
18	Formaldehyde sensing based on the catalytic reaction of I ² -HgS nanocrystals. <i>Journal of Materials Chemistry C</i> , 2017, 5, 3757-3764.	5.5	13

#	ARTICLE	IF	CITATIONS
19	Enhanced fluorescence based on graphene self-assembled films and highly sensitive sensing for VB ₁₂ . Journal of Materials Chemistry C, 2018, 6, 4400-4408.	5.5	11
20	Novel Plasmon-Enhanced Fluorescence Sensing Platform Based on rGO/MoS ₂ Films for Ultrasensitive Detection of Protamine and Heparin. ACS Sustainable Chemistry and Engineering, 2020, 8, 9988-9997.	6.7	10
21	Diverse applications of TMB-based sensing probes. Organic and Biomolecular Chemistry, 2018, 16, 5667-5676.	2.8	7
22	A label-free α SEF-FRET fluorescent sensing platform for ultrasensitive DNA detection based on AgNPs SAMs. Talanta, 2019, 205, 120072.	5.5	6
23	A Multi-Catalytic Sensing for Hydrogen Peroxide, Glucose, and Organophosphorus Pesticides Based on Carbon Dots. Frontiers in Chemistry, 2021, 9, 713104.	3.6	6
24	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. Analyst, The, 2022, 147, 1152-1158.	3.5	6
25	A Cu(II) coordination polymer-based catalytic sensing system for detecting cysteine and sulfur anions. Analytical Methods, 2018, 10, 4387-4393.	2.7	5
26	Self-Assembled Multivalent Ag ₂ S ₂ R Coordination Polymers with Phosphatase-Like Activity. Chemistry - A European Journal, 2021, 27, 7646-7650.	3.3	5
27	Enantioselective Dynamic Exchange Reactions of Imines. Journal of Organic Chemistry, 2021, 86, 12932-12944.	3.2	4
28	Reaction-based fluorescence probes for α -turn on sensing fluoride ions. Organic and Biomolecular Chemistry, 2022, 20, 1191-1195.	2.8	4