

Xudong Yang

List of Publications by Year in descending order

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Version: 2024-02-01

22
papers

635
citations

759233

12
h-index

752698

20
g-index

22
all docs

22
docs citations

22
times ranked

1089
citing authors

#	ARTICLE	IF	CITATIONS
1	One-step synthesis of photoluminescent carbon dots with excitation-independent emission for selective bioimaging and gene delivery. <i>Journal of Colloid and Interface Science</i> , 2017, 492, 1-7.	9.4	112
2	Cysteine-directed fluorescent gold nanoclusters for the sensing of pyrophosphate and alkaline phosphatase. <i>Journal of Materials Chemistry C</i> , 2014, 2, 4080.	5.5	106
3	Photoluminescent carbon dots synthesized by microwave treatment for selective image of cancer cells. <i>Journal of Colloid and Interface Science</i> , 2015, 456, 1-6.	9.4	70
4	Photoluminescent Smart Hydrogels with Reversible and Linear Thermoresponses. <i>Small</i> , 2010, 6, 2673-2677.	10.0	59
5	Synthesis of green emissive carbon dots@montmorillonite composites and their application for fabrication of light-emitting diodes and latent fingerprints markers. <i>Journal of Colloid and Interface Science</i> , 2019, 554, 344-352.	9.4	53
6	Interfacing a Tetraphenylethene Derivative and a Smart Hydrogel for Temperature-Dependent Photoluminescence with Sensitive Thermoresponse. <i>ACS Applied Materials & Interfaces</i> , 2014, 6, 4650-4657.	8.0	47
7	Thermo-responsive photoluminescent polymer brushes device as a platform for selective detection of Cr(vi). <i>Polymer Chemistry</i> , 2013, 4, 5591.	3.9	35
8	A novel fluorescent polymer brushes film as a device for ultrasensitive detection of TNT. <i>Journal of Materials Chemistry A</i> , 2013, 1, 1201-1206.	10.3	33
9	Fluorometric "Turn-On" glucose sensing through the in situ generation of silver nanoclusters. <i>RSC Advances</i> , 2017, 7, 1396-1400.	3.6	18
10	Thermo-responsive photoluminescent silver clusters/hydrogel nanocomposites for highly sensitive and selective detection of Cr(vi). <i>Journal of Materials Chemistry C</i> , 2018, 6, 2088-2094.	5.5	18
11	Facile synthesis of MoS ₂ quantum dots as fluorescent probes for sensing of hydroquinone and bioimaging. <i>Analytical Methods</i> , 2019, 11, 3307-3313.	2.7	17
12	Dual-emission carbon dots-copper nanoclusters ratiometric photoluminescent nano-composites for highly sensitive and selective detection of Hg ²⁺ . <i>Ceramics International</i> , 2021, 47, 18238-18245.	4.8	14
13	One-pot synthesis of folic acid modified carbonized polymer dots with red emission for selective imaging of cancer cells. <i>Nanotechnology</i> , 2020, 31, 475501.	2.6	10
14	Fabrication of magnetic and recyclable In ₂ S ₃ /ZnFeO ₄ nanocomposites for visible light photocatalytic activity enhancement. <i>Materials Research Express</i> , 2020, 7, 015080.	1.6	9
15	A dual-emission ratiometric fluorescent nanoprobe based on silicon nanoparticles and carbon dots for efficient detection of Cu(II). <i>CrystEngComm</i> , 2021, 23, 2599-2605.	2.6	9
16	Au nanoclusters/porous silica particles nanocomposites as fluorescence enhanced sensors for sensing and mapping of copper(II) in cells. <i>Nanotechnology</i> , 2019, 30, 475701.	2.6	8
17	Tracking the Single-Carbon-Dot Transmembrane Transport by Force Tracing Based on Atomic Force Microscopy. <i>ACS Biomaterials Science and Engineering</i> , 2019, 5, 432-437.	5.2	8
18	Monitoring the trans-membrane transport of single fluorescent silicon nanoparticles based on the force tracing technique. <i>Analytical Methods</i> , 2019, 11, 1724-1728.	2.7	4

#	ARTICLE	IF	CITATIONS
19	Dual-emission fluorescent nanoprobe based on Ag nanoclusters for sensitive detection of Cu(II). <i>Nanotechnology</i> , 2022, 33, 345501.	2.6	3
20	Hydrogen bond-induced bright enhancement of fluorescent silica cross-linked micellar nanoparticles. <i>Journal of Colloid and Interface Science</i> , 2018, 519, 224-231.	9.4	1
21	Folic Acid-Functionalized Au Nanoclusters with Red Fluorescence Emission for Rapid and Selective Detection of Cancer Cells. <i>ChemistrySelect</i> , 2022, 7, .	1.5	1
22	Polymeric Nanospheres Containing Rare Earth Complexes and Colloidal Crystals with Luminescent Properties. <i>Materials Research Society Symposia Proceedings</i> , 2012, 1471, 7.	0.1	0