

Xiaofang Jia

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8079120/publications.pdf>

Version: 2024-02-01

39
papers

3,396
citations

201575

27
h-index

289141

40
g-index

40
all docs

40
docs citations

40
times ranked

4753
citing authors

#	ARTICLE	IF	CITATIONS
1	One-pot green synthesis of optically pH-sensitive carbon dots with upconversion luminescence. <i>Nanoscale</i> , 2012, 4, 5572.	2.8	692
2	Cu Nanoclusters with Aggregation Induced Emission Enhancement. <i>Small</i> , 2013, 9, 3873-3879.	5.2	343
3	Stable Cu nanoclusters: from an aggregation-induced emission mechanism to biosensing and catalytic applications. <i>Chemical Communications</i> , 2014, 50, 237-239.	2.2	308
4	DNA-Hosted Copper Nanoclusters for Fluorescent Identification of Single Nucleotide Polymorphisms. <i>ACS Nano</i> , 2012, 6, 3311-3317.	7.3	252
5	Ratiometric Fluorescence Detection of Tyrosinase Activity and Dopamine Using Thiolate-Protected Gold Nanoclusters. <i>Analytical Chemistry</i> , 2015, 87, 4897-4902.	3.2	188
6	Nanoarchitectonics beyond Self-Assembly: Challenges to Create Bio-Like Hierarchic Organization. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 15424-15446.	7.2	176
7	Stabilized, Superparamagnetic Functionalized Graphene/Fe ₃ O ₄ @Au Nanocomposites for a Magnetically-Controlled Solid-State Electrochemiluminescence Biosensing Application. <i>Analytical Chemistry</i> , 2015, 87, 1876-1881.	3.2	111
8	Noble-metal-free Co ₃ S ₄ S/G porous hybrids as an efficient electrocatalyst for oxygen reduction reaction. <i>Chemical Science</i> , 2016, 7, 4167-4173.	3.7	98
9	Engineering the bioelectrochemical interface using functional nanomaterials and microchip technique toward sensitive and portable electrochemical biosensors. <i>Biosensors and Bioelectronics</i> , 2016, 76, 80-90.	5.3	91
10	Full-Featured Electrochemiluminescence Sensing Platform Based on the Multichannel Closed Bipolar System. <i>Analytical Chemistry</i> , 2014, 86, 5595-5599.	3.2	85
11	Adaptive Liquid Interfacially Assembled Protein Nanosheets for Guiding Mesenchymal Stem Cell Fate. <i>Advanced Materials</i> , 2020, 32, e1905942.	11.1	80
12	Label-free G-quadruplex-specific fluorescent probe for sensitive detection of copper(II) ion. <i>Biosensors and Bioelectronics</i> , 2013, 39, 268-273.	5.3	70
13	Electrochemical determination of arsenic(III) on mercaptoethylamine modified Au electrode in neutral media. <i>Analytica Chimica Acta</i> , 2012, 733, 23-27.	2.6	66
14	Supramolecular self-assembly of morphology-dependent luminescent Ag nanoclusters. <i>Chemical Communications</i> , 2014, 50, 9565.	2.2	61
15	Modulation of Mesenchymal Stem Cells Mechanosensing at Fluid Interfaces by Tailored Self-Assembled Protein Monolayers. <i>Small</i> , 2019, 15, e1804640.	5.2	58
16	G-quadruplex enhanced fluorescence of DNA-silver nanoclusters and their application in bioimaging. <i>Nanoscale</i> , 2015, 7, 13224-13229.	2.8	57
17	Gold nanoparticles decorated carbon fiber mat as a novel sensing platform for sensitive detection of Hg(II). <i>Electrochemistry Communications</i> , 2014, 42, 30-33.	2.3	56
18	High-Sensitivity Determination of Lead(II) and Cadmium(II) Based on the CNTs-PSS/Bi Composite Film Electrode. <i>Electroanalysis</i> , 2010, 22, 1682-1687.	1.5	53

#	ARTICLE	IF	CITATIONS
19	Materials Nanoarchitectonics as Cell Regulators. <i>ChemNanoMat</i> , 2019, 5, 692-702.	1.5	49
20	Large-Area Aligned Fullerene Nanocrystal Scaffolds as Culture Substrates for Enhancing Mesenchymal Stem Cell Self-Renewal and Multipotency. <i>ACS Applied Nano Materials</i> , 2020, 3, 6497-6506.	2.4	41
21	Functionalized graphene/Fe ₃ O ₄ supported AuPt alloy as a magnetic, stable and recyclable catalyst for a catalytic reduction reaction. <i>Journal of Materials Chemistry A</i> , 2015, 3, 8793-8799.	5.2	40
22	Lighting-Up of the Dye Malachite Green with Mercury(II)-DNA and Its Application for Fluorescence Turn-Off Detection of Cysteine and Glutathione. <i>Chemistry - A European Journal</i> , 2012, 18, 13494-13500.	1.7	38
23	Facile synthesis of optical pH-sensitive molybdenum disulfide quantum dots. <i>Nanoscale</i> , 2016, 8, 15152-15157.	2.8	38
24	Stem-directed growth of highly fluorescent silver nanoclusters for versatile logic devices. <i>Nanoscale</i> , 2013, 5, 6131.	2.8	34
25	A novel Au-Ag-Pt three-electrode microchip sensing platform for chromium(VI) determination. <i>Analytica Chimica Acta</i> , 2013, 804, 98-103.	2.6	31
26	A nanocluster beacon based on the template transformation of DNA-templated silver nanoclusters. <i>Chemical Communications</i> , 2016, 52, 1721-1724.	2.2	30
27	Soft material nanoarchitectonics at interfaces: molecular assembly, nanomaterial synthesis, and life control. <i>Molecular Systems Design and Engineering</i> , 2019, 4, 49-64.	1.7	30
28	Regulation of stem cell fate and function by using bioactive materials with nanoarchitectonics for regenerative medicine. <i>Science and Technology of Advanced Materials</i> , 2022, 23, 393-412.	2.8	30
29	Chip-based generation of carbon nanodots via electrochemical oxidation of screen printed carbon electrodes and the applications for efficient cell imaging and electrochemiluminescence enhancement. <i>Nanoscale</i> , 2015, 7, 9421-9426.	2.8	25
30	Adaptive liquid interfaces induce neuronal differentiation of mesenchymal stem cells through lipid raft assembly. <i>Nature Communications</i> , 2022, 13, .	5.8	24
31	Methods with Nanoarchitectonics for Small Molecules and Nanostructures to Regulate Living Cells. <i>Small Methods</i> , 2020, 4, 2000500.	4.6	23
32	Controlling the synthesis and assembly of fluorescent Au/Ag alloy nanoclusters. <i>Chemical Communications</i> , 2015, 51, 17417-17419.	2.2	21
33	Water-dispersible near-infrared Ag ₂ S nanoclusters with tunable fluorescence for bioimaging application. <i>RSC Advances</i> , 2015, 5, 80929-80932.	1.7	20
34	Fullerphene Nanosheets: A Bottom-Up 2D Material for Single-Carbon-Atom-Level Molecular Discrimination. <i>Advanced Materials Interfaces</i> , 2022, 9, .	1.9	19
35	Portable, Universal, and Visual Ion Sensing Platform Based on the Light Emitting Diode-Based Self-Referencing-Ion Selective Field-Effect Transistor. <i>Analytical Chemistry</i> , 2014, 86, 1380-1384.	3.2	17
36	Nanoarchitektonik als ein Ansatz zur Erzeugung bio-Ähnlicher hierarchischer Organismen. <i>Angewandte Chemie</i> , 2020, 132, 15550-15574.	1.6	16

#	ARTICLE	IF	CITATIONS
37	Interfacial nanoarchitectonics for responsive cellular biosystems. <i>Materials Today Bio</i> , 2020, 8, 100075.	2.6	13
38	In Situ Formation of Hierarchical Porous Fe,Co ^N -Doped Carbon as a Highly Efficient Electrocatalyst for Oxygen Reduction. <i>ChemElectroChem</i> , 2017, 4, 2005-2011.	1.7	8
39	Electrochemiluminescence of ruthenium complex and its application in biosensors. <i>Spectroscopic Properties of Inorganic and Organometallic Compounds</i> , 2013, , 1-27.	0.4	3