

Haihang Ye

List of Publications by Year in descending order

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32
papers

1,632
citations

304743

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h-index

434195

31
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35
all docs

35
docs citations

35
times ranked

2509
citing authors

#	ARTICLE	IF	CITATIONS
1	Pd@Ir Core-Shell Nanocubes: A Type of Highly Efficient and Versatile Peroxidase Mimic. ACS Nano, 2015, 9, 9994-10004.	14.6	254
2	Platinum-Decorated Gold Nanoparticles with Dual Functionalities for Ultrasensitive Colorimetric in Vitro Diagnostics. Nano Letters, 2017, 17, 5572-5579.	9.1	235
3	Ru Nanoframes with an fcc Structure and Enhanced Catalytic Properties. Nano Letters, 2016, 16, 2812-2817.	9.1	187
4	An Enzyme-Free Signal Amplification Technique for Ultrasensitive Colorimetric Assay of Disease Biomarkers. ACS Nano, 2017, 11, 2052-2059.	14.6	150
5	Facile Colorimetric Detection of Silver Ions with Picomolar Sensitivity. Analytical Chemistry, 2017, 89, 3622-3629.	6.5	98
6	Signal amplification and quantification on lateral flow assays by laser excitation of plasmonic nanomaterials. Theranostics, 2020, 10, 4359-4373.	10.0	59
7	Enhancing the sensitivity of colorimetric lateral flow assay (CLFA) through signal amplification techniques. Journal of Materials Chemistry B, 2018, 6, 7102-7111.	5.8	56
8	Facile One-Step Synthesis and Transformation of Cu(I)-Doped Zinc Sulfide Nanocrystals to Cu _{1.94} S@ZnS Heterostructured Nanocrystals. Langmuir, 2013, 29, 8728-8735.	3.5	45
9	Peroxidase-like properties of Ruthenium nanoframes. Science Bulletin, 2016, 61, 1739-1745.	9.0	45
10	From one-dimensional to two-dimensional wurtzite CuGaS ₂ nanocrystals: non-injection synthesis and photocatalytic evolution. Nanoscale, 2019, 11, 158-169.	5.6	38
11	Template Regeneration in Galvanic Replacement: A Route to Highly Diverse Hollow Nanostructures. ACS Nano, 2020, 14, 791-801.	14.6	38
12	Polyvinylpyrrolidone (PVP)-Capped Pt Nanocubes with Superior Peroxidase-Like Activity. ChemNanoMat, 2017, 3, 33-38.	2.8	37
13	Shape-Controlled Synthesis of PbS Nanocrystals via a Simple One-Step Process. Langmuir, 2012, 28, 16436-16443.	3.5	34
14	Controllable synthesis of silver and silver sulfide nanocrystals via selective cleavage of chemical bonds. Nanotechnology, 2013, 24, 355602.	2.6	33
15	Engineered Noble-Metal Nanostructures for <i>in Vitro</i> Diagnostics. Chemistry of Materials, 2018, 30, 8391-8414.	6.7	33
16	One-pot synthesis of CuInS ₂ nanocrystals using different anions to engineer their morphology and crystal phase. Dalton Transactions, 2015, 44, 9251-9259.	3.3	32
17	Effects of alkanethiols chain length on the synthesis of Cu ₂ S nanocrystals: phase, morphology, plasmonic properties and electrical conductivity. RSC Advances, 2014, 4, 54547-54553.	3.6	27
18	Synthesis of Cu ₂ S nanocrystals induced by foreign metal ions: phase and morphology transformation and localized surface plasmon resonance. CrystEngComm, 2014, 16, 8684-8690.	2.6	26

#	ARTICLE	IF	CITATIONS
19	Self-healing supramolecular hydrogels through host-guest interaction between cyclodextrin and carborane. <i>Journal of Materials Chemistry B</i> , 2020, 8, 10309-10313.	5.8	26
20	Tunable near-infrared localized surface plasmon resonances of djurleite nanocrystals: effects of size, shape, surface-ligands and oxygen exposure time. <i>Journal of Materials Chemistry C</i> , 2015, 3, 6686-6691.	5.5	25
21	A non-enzyme cascade amplification strategy for colorimetric assay of disease biomarkers. <i>Chemical Communications</i> , 2017, 53, 9055-9058.	4.1	25
22	One-pot controllable synthesis of wurtzite CuInS ₂ nanoplates. <i>Applied Surface Science</i> , 2014, 307, 489-494.	6.1	24
23	Seed-mediated growth of heterostructured Cu _{1.94} S@MS (M = Zn, Cd, Mn) and alloyed CuNS ₂ (N = In, Ga) nanocrystals for use in structure- and composition-dependent photocatalytic hydrogen evolution. <i>Nanoscale</i> , 2020, 12, 6111-6120.	5.6	21
24	Plasmonic LAMP: Improving the Detection Specificity and Sensitivity for SARS-CoV-2 by Plasmonic Sensing of Isothermally Amplified Nucleic Acids. <i>Small</i> , 2022, 18, e2107832.	10.0	19
25	Noble-Metal Nanostructures as Highly Efficient Peroxidase Mimics. <i>ChemNanoMat</i> , 2019, 5, 860-868.	2.8	16
26	Digital plasmonic nanobubble detection for rapid and ultrasensitive virus diagnostics. <i>Nature Communications</i> , 2022, 13, 1687.	12.8	16
27	Pd-Ru Bimetallic Nanocrystals with a Porous Structure and Their Enhanced Catalytic Properties. <i>Particle and Particle Systems Characterization</i> , 2018, 35, 1700386.	2.3	12
28	Tunable near-infrared localized surface plasmon resonances of heterostructured Cu _{1.94} S-ZnS nanocrystals. <i>Optical Materials Express</i> , 2014, 4, 220.	3.0	11
29	The formation process of five-component Cu-In-Zn-Se-S nanocrystals from ternary Cu-In-S and quaternary Cu-In-Se-S nanocrystals via gradually induced synthesis. <i>Journal of Materials Chemistry C</i> , 2021, 9, 8537-8544.	5.5	4
30	Facile synthesis of ternary AgInS ₂ nanowires and their self-assembly of fingerprint-like nanostructures. <i>Chinese Chemical Letters</i> , 2021, 32, 1507-1510.	9.0	2
31	Noble-Metal Nanostructures as Artificial Enzymes: Controlled Synthesis and Electron Microscope Characterizations. <i>Microscopy and Microanalysis</i> , 2018, 24, 1640-1641.	0.4	0
32	Plasmonic LAMP: Improving the Detection Specificity and Sensitivity for SARS-CoV-2 by Plasmonic Sensing of Isothermally Amplified Nucleic Acids (Small 12/2022). <i>Small</i> , 2022, 18, .	10.0	0