

Haihang Ye

List of Publications by Citations

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33
papers

1,206
citations

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h-index

34
g-index

35
ext. papers

1,420
ext. citations

7.8
avg, IF

4.6
L-index

#	Paper	IF	Citations
33	Pd-Ir Core-Shell Nanocubes: A Type of Highly Efficient and Versatile Peroxidase Mimic. <i>ACS Nano</i> , 2015 , 9, 9994-10004	16.7	198
32	Platinum-Decorated Gold Nanoparticles with Dual Functionalities for Ultrasensitive Colorimetric in Vitro Diagnostics. <i>Nano Letters</i> , 2017 , 17, 5572-5579	11.5	167
31	Ru Nanoframes with an fcc Structure and Enhanced Catalytic Properties. <i>Nano Letters</i> , 2016 , 16, 2812-7	11.5	148
30	An Enzyme-Free Signal Amplification Technique for Ultrasensitive Colorimetric Assay of Disease Biomarkers. <i>ACS Nano</i> , 2017 , 11, 2052-2059	16.7	104
29	Facile Colorimetric Detection of Silver Ions with Picomolar Sensitivity. <i>Analytical Chemistry</i> , 2017 , 89, 3622-3629	7.8	72
28	Enhancing the sensitivity of colorimetric lateral flow assay (CLFA) through signal amplification techniques. <i>Journal of Materials Chemistry B</i> , 2018 , 6, 7102-7111	7.3	45
27	Facile one-step synthesis and transformation of Cu(I)-doped zinc sulfide nanocrystals to Cu _{1.94} S-ZnS heterostructured nanocrystals. <i>Langmuir</i> , 2013 , 29, 8728-35	4	43
26	Signal amplification and quantification on lateral flow assays by laser excitation of plasmonic nanomaterials. <i>Theranostics</i> , 2020 , 10, 4359-4373	12.1	36
25	Shape-controlled synthesis of PbS nanocrystals via a simple one-step process. <i>Langmuir</i> , 2012 , 28, 16436-43	4.3	31
24	One-pot synthesis of CuInS ₂ nanocrystals using different anions to engineer their morphology and crystal phase. <i>Dalton Transactions</i> , 2015 , 44, 9251-9	4.3	30
23	Controllable synthesis of silver and silver sulfide nanocrystals via selective cleavage of chemical bonds. <i>Nanotechnology</i> , 2013 , 24, 355602	3.4	30
22	Polyvinylpyrrolidone (PVP)-Capped Pt Nanocubes with Superior Peroxidase-Like Activity. <i>ChemNanoMat</i> , 2017 , 3, 33-38	3.5	29
21	From one-dimensional to two-dimensional wurtzite CuGaS nanocrystals: non-injection synthesis and photocatalytic evolution. <i>Nanoscale</i> , 2018 , 11, 158-169	7.7	29
20	Peroxidase-like properties of Ruthenium nanoframes. <i>Science Bulletin</i> , 2016 , 61, 1739-1745	10.6	29
19	Engineered Noble-Metal Nanostructures for in Vitro Diagnostics. <i>Chemistry of Materials</i> , 2018 , 30, 8391-8414	8.1	26
18	Effects of alkanethiols chain length on the synthesis of Cu ₂ S nanocrystals: phase, morphology, plasmonic properties and electrical conductivity. <i>RSC Advances</i> , 2014 , 4, 54547-54553	3.7	23
17	Synthesis of Cu ₂ S nanocrystals induced by foreign metal ions: phase and morphology transformation and localized surface plasmon resonance. <i>CrystEngComm</i> , 2014 , 16, 8684-8690	3.3	23

16	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	7.1	23
15	A non-enzyme cascade amplification strategy for colorimetric assay of disease biomarkers. <i>Chemical Communications</i> , 2017 , 53, 9055-9058	5.8	22
14	One-pot controllable synthesis of wurtzite CuInS ₂ nanoplates. <i>Applied Surface Science</i> , 2014 , 307, 489-494	4.7	20
13	Template Regeneration in Galvanic Replacement: A Route to Highly Diverse Hollow Nanostructures. <i>ACS Nano</i> , 2020 , 14, 791-801	16.7	17
12	Seed-mediated growth of heterostructured CuS-MS (M = Zn, Cd, Mn) and alloyed CuNS (N = In, Ga) nanocrystals for use in structure- and composition-dependent photocatalytic hydrogen evolution. <i>Nanoscale</i> , 2020 , 12, 6111-6120	7.7	13
11	Self-healing supramolecular hydrogels through host-guest interaction between cyclodextrin and carborane. <i>Journal of Materials Chemistry B</i> , 2020 , 8, 10309-10313	7.3	12
10	Tunable near-infrared localized surface plasmon resonances of heterostructured Cu _{194S} -ZnS nanocrystals. <i>Optical Materials Express</i> , 2014 , 4, 220	2.6	11
9	PdRu Bimetallic Nanocrystals with a Porous Structure and Their Enhanced Catalytic Properties. <i>Particle and Particle Systems Characterization</i> , 2018 , 35, 1700386	3.1	10
8	Noble-Metal Nanostructures as Highly Efficient Peroxidase Mimics. <i>ChemNanoMat</i> , 2019 , 5, 860-868	3.5	7
7	Plasmonic LAMP: Improving the Detection Specificity and Sensitivity for SARS-CoV-2 by Plasmonic Sensing of Isothermally Amplified Nucleic Acids.. <i>Small</i> , 2022 , e2107832	11	2
6	Facile synthesis of ternary AgInS ₂ nanowires and their self-assembly of fingerprint-like nanostructures. <i>Chinese Chemical Letters</i> , 2021 , 32, 1507-1510	8.1	2
5	Single-Particle Counting Based on Digital Plasmonic Nanobubble Detection for Rapid and Ultrasensitive Diagnostics 2021 ,		2
4	The formation process of five-component CuInZnSeS nanocrystals from ternary CuInS and quaternary CuInSeS nanocrystals via gradually induced synthesis. <i>Journal of Materials Chemistry C</i> , 2021 , 9, 8537-8544	7.1	1
3	Digital plasmonic nanobubble detection for rapid and ultrasensitive virus diagnostics.. <i>Nature Communications</i> , 2022 , 13, 1687	17.4	0
2	Noble-Metal Nanostructures as Artificial Enzymes: Controlled Synthesis and Electron Microscope Characterizations. <i>Microscopy and Microanalysis</i> , 2018 , 24, 1640-1641	0.5	
1	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, 2270059	11	