# Haihang Ye

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/4884844/publications.pdf

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| 32 | 1,632 | 304743 | 434195 |
|---|---|---|---|
| papers | citations | 22 | 31 |
| | | h-index | g-index |

| 35 | 35 | 35 | 2509 |
|---|---|---|---|
| all docs | docs citations | times ranked | citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Plasmonic LAMP: Improving the Detection Specificity and Sensitivity for SARSâ€CoVâ€2 by Plasmonic Sensing of Isothermally Amplified Nucleic Acids. Small, 2022, 18, e2107832. | 10.0 | 19 |
| 2 | Digital plasmonic nanobubble detection for rapid and ultrasensitive virus diagnostics. Nature Communications, 2022, 13, 1687. | 12.8 | 16 |
| 3 | Plasmonic LAMP: Improving the Detection Specificity and Sensitivity for SARSâ€CoVâ€2 by Plasmonic Sensing of Isothermally Amplified Nucleic Acids (Small 12/2022). Small, 2022, 18, . | 10.0 | 0 |
| 4 | Facile synthesis of ternary AgInS2 nanowires and their self-assembly of fingerprint-like nanostructures. Chinese Chemical Letters, 2021, 32, 1507-1510. | 9.0 | 2 |
| 5 | The formation process of five-component Cuâ€“Inâ€“Znâ€“Seâ€“S nanocrystals from ternary Cuâ€“Inâ€“S and quaternary Cuâ€“Inâ€“Seâ€“S nanocrystals via gradually induced synthesis. Journal of Materials Chemistry C, 2021, 9, 8537-8544. | 5.5 | 4 |
| 6 | Self-healing supramolecular hydrogels through hostâ€“guest interaction between cyclodextrin and carborane. Journal of Materials Chemistry B, 2020, 8, 10309-10313. | 5.8 | 26 |
| 7 | Seed-mediated growth of heterostructured Cu<sub>1.94</sub>Sâ€“MS (M = Zn, Cd, Mn) and alloyed CuNS<sub>2</sub>(N = In, Ga) nanocrystals for use in structure- and composition-dependent photocatalytic hydrogen evolution. Nanoscale, 2020, 12, 6111-6120. | 5.6 | 21 |
| 8 | Template Regeneration in Galvanic Replacement: A Route to Highly Diverse Hollow Nanostructures. ACS Nano, 2020, 14, 791-801. | 14.6 | 38 |
| 9 | Signal amplification and quantification on lateral flow assays by laser excitation of plasmonic nanomaterials. Theranostics, 2020, 10, 4359-4373. | 10.0 | 59 |
| 10 | From one-dimensional to two-dimensional wurtzite CuGaS<sub>2</sub>nanocrystals: non-injection synthesis and photocatalytic evolution. Nanoscale, 2019, 11, 158-169. | 5.6 | 38 |
| 11 | Nobleâ€Metal Nanostructures as Highly Efficient Peroxidase Mimics. ChemNanoMat, 2019, 5, 860-868. | 2.8 | 16 |
| 12 | Pdâ€“Ru Bimetallic Nanocrystals with a Porous Structure and Their Enhanced Catalytic Properties. Particle and Particle Systems Characterization, 2018, 35, 1700386. | 2.3 | 12 |
| 13 | Engineered Noble-Metal Nanostructures for in Vitro Diagnostics. Chemistry of Materials, 2018, 30, 8391-8414. | 6.7 | 33 |
| 14 | 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 |
| 15 | Noble-Metal Nanostructures as Artificial Enzymes: Controlled Synthesis and Electron Microscope Characterizations. Microscopy and Microanalysis, 2018, 24, 1640-1641. | 0.4 | 0 |
| 16 | An Enzyme-Free Signal Amplification Technique for Ultrasensitive Colorimetric Assay of Disease Biomarkers. ACS Nano, 2017, 11, 2052-2059. | 14.6 | 150 |
| 17 | Facile Colorimetric Detection of Silver Ions with Picomolar Sensitivity. Analytical Chemistry, 2017, 89, 3622-3629. | 6.5 | 98 |
| 18 | Polyvinylpyrrolidone (PVP)â€Capped Pt Nanocubes with Superior Peroxidaseâ€Like Activity. ChemNanoMat, 2017, 3, 33-38. | 2.8 | 37 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | Platinum-Decorated Gold Nanoparticles with Dual Functionalities for Ultrasensitive Colorimetric in Vitro Diagnostics. Nano Letters, 2017, 17, 5572-5579. | 9.1 | 235 |
| 20 | A non-enzyme cascade amplification strategy for colorimetric assay of disease biomarkers. Chemical Communications, 2017, 53, 9055-9058. | 4.1 | 25 |
| 21 | Peroxidase-like properties of Ruthenium nanoframes. Science Bulletin, 2016, 61, 1739-1745. | 9.0 | 45 |
| 22 | Ru Nanoframes with an fcc Structure and Enhanced Catalytic Properties. Nano Letters, 2016, 16, 2812-2817. | 9.1 | 187 |
| 23 | Tunable near-infrared localized surface plasmon resonances of djurleite nanocrystals: effects of size, shape, surface-ligands and oxygen exposure time. Journal of Materials Chemistry C, 2015, 3, 6686-6691. | 5.5 | 25 |
| 24 | One-pot synthesis of CuInS<sub>2</sub> nanocrystals using different anions to engineer their morphology and crystal phase. Dalton Transactions, 2015, 44, 9251-9259. | 3.3 | 32 |
| 25 | Pdâ€“Ir Coreâ€“Shell Nanocubes: A Type of Highly Efficient and Versatile Peroxidase Mimic. ACS Nano, 2015, 9, 9994-10004. | 14.6 | 254 |
| 26 | Tunable near-infrared localized surface plasmon resonances of heterostructured Cu_194S-ZnS nanocrystals. Optical Materials Express, 2014, 4, 220. | 3.0 | 11 |
| 27 | Effects of alkanethiols chain length on the synthesis of Cu<sub>2â^'x</sub>S nanocrystals: phase, morphology, plasmonic properties and electrical conductivity. RSC Advances, 2014, 4, 54547-54553. | 3.6 | 27 |
| 28 | Synthesis of Cu<sub>2â^'x</sub>S nanocrystals induced by foreign metal ions: phase and morphology transformation and localized surface plasmon resonance. CrystEngComm, 2014, 16, 8684-8690. | 2.6 | 26 |
| 29 | One-pot controllable synthesis of wurtzite CuInS2 nanoplates. Applied Surface Science, 2014, 307, 489-494. | 6.1 | 24 |
| 30 | Controllable synthesis of silver and silver sulfide nanocrystals via selective cleavage of chemical bonds. Nanotechnology, 2013, 24, 355602. | 2.6 | 33 |
| 31 | Facile One-Step Synthesis and Transformation of Cu(I)-Doped Zinc Sulfide Nanocrystals to Cu<sub>1.94</sub>Sâ€“ZnS Heterostructured Nanocrystals. Langmuir, 2013, 29, 8728-8735. | 3.5 | 45 |
| 32 | Shape-Controlled Synthesis of PbS Nanocrystals via a Simple One-Step Process. Langmuir, 2012, 28, 16436-16443. | 3.5 | 34 |