

# Dehong Hu

## List of Publications by Year in descending order

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118  
papers

11,301  
citations

43973

48  
h-index

28224

105  
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120  
all docs

120  
docs citations

120  
times ranked

15927  
citing authors

| #  | ARTICLE  | IF   | CITATIONS |
|----|--|------|-----------|
| 1  | Self-Assembled TiO <sub>2</sub> –Graphene Hybrid Nanostructures for Enhanced Li-Ion Insertion. ACS Nano, 2009, 3, 907-914.   | 7.3  | 1,596     |
| 2  | Aptamer/Graphene Oxide Nanocomplex for <i>In Situ</i> Molecular Probing in Living Cells. Journal of the American Chemical Society, 2010, 132, 9274-9276.   | 6.6  | 1,020     |
| 3  | Ternary Self-Assembly of Ordered Metal Oxide–Graphene Nanocomposites for Electrochemical Energy Storage. ACS Nano, 2010, 4, 1587-1595.   | 7.3  | 795       |
| 4  | Stable cycling of high-voltage lithium metal batteries in ether electrolytes. Nature Energy, 2018, 3, 739-746.   | 19.8 | 767       |
| 5  | Discrete Intensity Jumps and Intramolecular Electronic Energy Transfer in the Spectroscopy of Single Conjugated Polymer Molecules. Science, 1997, 277, 1074-1077.  | 6.0  | 508       |
| 6  | Collapse of stiff conjugated polymers with chemical defects into ordered, cylindrical conformations. Nature, 2000, 405, 1030-1033.   | 13.7 | 433       |
| 7  | First Observation of the Key Intermediate in the “Light-Switch” Mechanism of [Ru(phen) <sub>2</sub> dppz] <sup>2+</sup> . Journal of the American Chemical Society, 1997, 119, 11458-11467.                                    | 6.6  | 370       |
| 8  | Unmasking Electronic Energy Transfer of Conjugated Polymers by Suppression of O <sub>2</sub> Quenching. Science, 2000, 289, 1327-1330.   | 6.0  | 356       |
| 9  | Classifying the Photophysical Dynamics of Single- and Multiple-Chromophoric Molecules by Single Molecule Spectroscopy. Journal of Physical Chemistry A, 1998, 102, 7564-7575.  | 1.1  | 281       |
| 10 | Polyvinylpyrrolidone-induced anisotropic growth of gold nanoprisms in plasmon-driven synthesis. Nature Materials, 2016, 15, 889-895.   | 13.3 | 239       |
| 11 | Investigation on the charging process of LiO <sub>2</sub> -based air electrodes in LiO <sub>2</sub> batteries with organic carbonate electrolytes. Journal of Power Sources, 2011, 196, 3894-3899.                             | 4.0  | 229       |
| 12 | Reaction mechanisms for the limited reversibility of LiO <sub>2</sub> chemistry in organic carbonate electrolytes. Journal of Power Sources, 2011, 196, 9631-9639.   | 4.0  | 198       |
| 13 | Investigation of the rechargeability of LiO <sub>2</sub> batteries in non-aqueous electrolyte. Journal of Power Sources, 2011, 196, 5674-5678.   | 4.0  | 197       |
| 14 | In Situ Live Cell Sensing of Multiple Nucleotides Exploiting DNA/RNA Aptamers and Graphene Oxide Nanosheets. Analytical Chemistry, 2013, 85, 6775-6782.  | 3.2  | 189       |
| 15 | A symmetric organic-based nonaqueous redox flow battery and its state of charge diagnostics by FTIR. Journal of Materials Chemistry A, 2016, 4, 5448-5456.   | 5.2  | 167       |
| 16 | Single-Molecule Spectroscopy of the Conjugated Polymer MEH-PPV. Journal of the American Chemical Society, 1999, 121, 6936-6937.  | 6.6  | 162       |
| 17 | Localizing gene regulation reveals a staggered wood decay mechanism for the brown rot fungus <i>Postia placenta</i> . Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, 10968-10973. | 3.3  | 160       |
| 18 | Factors affecting the battery performance of anthraquinone-based organic cathode materials. Journal of Materials Chemistry, 2012, 22, 4032.  | 6.7  | 126       |

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|----|--|-----|-----------|
| 19 | Cholesterol Dictates the Freedom of EGF Receptors and HER2 in the Plane of the Membrane. <i>Biophysical Journal</i> , 2005, 89, 1362-1373.   | 0.2 | 116       |
| 20 | Photoswitchable Nanoparticles Enable High-Resolution Cell Imaging: PULSAR Microscopy. <i>Journal of the American Chemical Society</i> , 2008, 130, 15279-15281.  | 6.6 | 105       |
| 21 | Enzyme-Directed Assembly of Nanoparticles in Tumors Monitored by <i>in Vivo</i> Whole Animal Imaging and <i>ex Vivo</i> Super-Resolution Fluorescence Imaging. <i>Journal of the American Chemical Society</i> , 2013, 135, 18710-18713. | 6.6 | 104       |
| 22 | Lipopolysaccharide Density and Structure Govern the Extent and Distance of Nanoparticle Interaction with Actual and Model Bacterial Outer Membranes. <i>Environmental Science &amp; Technology</i> , 2015, 49, 10642-10650.              | 4.6 | 103       |
| 23 | Intermittent Single-Molecule Interfacial Electron Transfer Dynamics. <i>Journal of the American Chemical Society</i> , 2004, 126, 9374-9381.   | 6.6 | 102       |
| 24 | Polystyrene nano- and microplastic accumulation at Arabidopsis and wheat root cap cells, but no evidence for uptake into roots. <i>Environmental Science: Nano</i> , 2020, 7, 1942-1953.   | 2.2 | 102       |
| 25 | Phototrophic biofilm assembly in microbial-mat-derived unicyanobacterial consortia: model systems for the study of autotroph-heterotroph interactions. <i>Frontiers in Microbiology</i> , 2014, 5, 109.                                  | 1.5 | 97        |
| 26 | Probing Single-Molecule T4 Lysozyme Conformational Dynamics by Intramolecular Fluorescence Energy Transfer. <i>Journal of Physical Chemistry B</i> , 2003, 107, 7947-7956.   | 1.2 | 92        |
| 27 | Potential of Nanocrystalline Cellulose-Fibrin Nanocomposites for Artificial Vascular Graft Applications. <i>Biomacromolecules</i> , 2013, 14, 1063-1071.   | 2.6 | 90        |
| 28 | A Specific Nucleophilic Ring-Opening Reaction of Aziridines as a Unique Platform for the Construction of Hydrogen Polysulfides Sensors. <i>Organic Letters</i> , 2015, 17, 2776-2779.  | 2.4 | 83        |
| 29 | Single-molecule fluorescence spectroelectrochemistry of cresyl violet. <i>Chemical Communications</i> , 2008, , 5490.  | 2.2 | 77        |
| 30 | Direct Probes of 4 nm Diameter Gold Nanoparticles Interacting with Supported Lipid Bilayers. <i>Journal of Physical Chemistry C</i> , 2015, 119, 534-546.  | 1.5 | 77        |
| 31 | Quantitative Modeling of DNA-Mediated Electron Transfer between Metallointercalators. <i>Journal of Physical Chemistry B</i> , 1997, 101, 299-303.   | 1.2 | 76        |
| 32 | High-throughput and high-efficiency sample preparation for single-cell proteomics using a nested nanowell chip. <i>Nature Communications</i> , 2021, 12, 6246.   | 5.8 | 76        |
| 33 | Spatial Confinement of Exciton Transfer and the Role of Conformational Order in Organic Nanoparticles. <i>Nano Letters</i> , 2002, 2, 1121-1124.   | 4.5 | 73        |
| 34 | Structural and Electronic Characterization of Chemical and Conformational Defects in Conjugated Polymers. <i>Journal of Physical Chemistry B</i> , 2001, 105, 6103-6107.   | 1.2 | 72        |
| 35 | Bridging Hydrometallurgy and Biochemistry: A Protein-Based Process for Recovery and Separation of Rare Earth Elements. <i>ACS Central Science</i> , 2021, 7, 1798-1808.  | 5.3 | 71        |
| 36 | Revealing Two-State Protein-Protein Interactions of Calmodulin by Single-Molecule Spectroscopy. <i>Journal of the American Chemical Society</i> , 2006, 128, 10034-10042.  | 6.6 | 69        |

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|----|--|-----|-----------|
| 37 | Ultrafast Imaging of Surface Plasmons Propagating on a Gold Surface. <i>Nano Letters</i> , 2015, 15, 3472-3478.  | 4.5 | 69        |
| 38 | Formation of supported lipid bilayers containing phase-segregated domains and their interaction with gold nanoparticles. <i>Environmental Science: Nano</i> , 2016, 3, 45-55.  | 2.2 | 68        |
| 39 | Raman Scattering at Plasmonic Junctions Shorted by Conductive Molecular Bridges. <i>Nano Letters</i> , 2013, 13, 1858-1861.  | 4.5 | 62        |
| 40 | Multi-omics analysis reveals regulators of the response to nitrogen limitation in <i>Yarrowia lipolytica</i> . <i>BMC Genomics</i> , 2016, 17, 138.  | 1.2 | 62        |
| 41 | Correlated atomic force microscopy and fluorescence lifetime imaging of live bacterial cells. <i>Colloids and Surfaces B: Biointerfaces</i> , 2004, 34, 205-212.   | 2.5 | 56        |
| 42 | Genetic and metabolic links between the murine microbiome and memory. <i>Microbiome</i> , 2020, 8, 53.   | 4.9 | 56        |
| 43 | A fundamental study on the $[\text{Mg}(\text{THF})_6]^{2+}$ dimer electrolytes for rechargeable Mg batteries. <i>Chemical Communications</i> , 2015, 51, 2312-2315.  | 2.2 | 53        |
| 44 | Clay Nanoparticle-Supported Single-Molecule Fluorescence Spectroelectrochemistry. <i>Nano Letters</i> , 2009, 9, 655-658.  | 4.5 | 52        |
| 45 | Alexa Fluor-Labeled Fluorescent Cellulose Nanocrystals for Bioimaging Solid Cellulose in Spatially Structured Microenvironments. <i>Bioconjugate Chemistry</i> , 2015, 26, 593-601.  | 1.8 | 52        |
| 46 | Shifts in oxidation states of cerium oxide nanoparticles detected inside intact hydrated cells and organelles. <i>Biomaterials</i> , 2015, 62, 147-154.  | 5.7 | 52        |
| 47 | Single-Molecule Study of Protein-Protein Interaction Dynamics in a Cell Signaling System. <i>Journal of Physical Chemistry B</i> , 2004, 108, 737-744.   | 1.2 | 51        |
| 48 | Super-resolution fluorescence nanoscopy applied to imaging core-shell photoswitching nanoparticles and their self-assemblies. <i>Chemical Communications</i> , 2011, 47, 1258-1260.  | 2.2 | 51        |
| 49 | Intracellular accumulation dynamics and fate of zinc ions in alveolar epithelial cells exposed to airborne ZnO nanoparticles at the air-liquid interface. <i>Nanotoxicology</i> , 2015, 9, 9-22.                                       | 1.6 | 51        |
| 50 | Correlated topographic and spectroscopic imaging beyond diffraction limit by atomic force microscopy metallic tip-enhanced near-field fluorescence lifetime microscopy. <i>Review of Scientific Instruments</i> , 2003, 74, 3347-3355. | 0.6 | 46        |
| 51 | Lipid Corona Formation from Nanoparticle Interactions with Bilayers. <i>CheM</i> , 2018, 4, 2709-2723.   | 5.8 | 46        |
| 52 | Effects of cell positive cans and separators on the performance of high-voltage Li-ion batteries. <i>Journal of Power Sources</i> , 2012, 213, 160-168.  | 4.0 | 44        |
| 53 | Single-Molecule Nanosecond Anisotropy Dynamics of Tethered Protein Motions. <i>Journal of Physical Chemistry B</i> , 2003, 107, 618-626.   | 1.2 | 42        |
| 54 | Submicrometer and Nanoscale Inorganic Particles Exploit the Actin Machinery To Be Propelled along Microvilli-like Structures into Alveolar Cells. <i>ACS Nano</i> , 2007, 1, 463-475.  | 7.3 | 42        |

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|----|---|-----|-----------|
| 55 | Tumor Retention of Enzyme-Responsive Pt(II) Drug-Loaded Nanoparticles Imaged by Nanoscale Secondary Ion Mass Spectrometry and Fluorescence Microscopy. <i>ACS Central Science</i> , 2018, 4, 1477-1484.                           | 5.3 | 39        |
| 56 | Delivery of MicroRNA-10b with Polylysine Nanoparticles for Inhibition of Breast Cancer Cell Wound Healing. <i>Breast Cancer: Basic and Clinical Research</i> , 2012, 6, BCBCR.S8513.  | 0.6 | 37        |
| 57 | Electrocatalytic properties of poly(3,4-ethylenedioxythiophene) (PEDOT) in Li-O <sub>2</sub> battery. <i>Electrochemistry Communications</i> , 2013, 29, 63-66.   | 2.3 | 36        |
| 58 | Cellular Delivery of Nanoparticles Revealed with Combined Optical and Isotopic Nanoscopy. <i>ACS Nano</i> , 2016, 10, 4046-4054.  | 7.3 | 36        |
| 59 | Placing Single-Molecule T4 Lysozyme Enzymes on a Bacterial Cell Surface: Toward Probing Single-Molecule Enzymatic Reaction in Living Cells. <i>Biophysical Journal</i> , 2004, 87, 656-661.                                       | 0.2 | 33        |
| 60 | Photoswitchable Nanoprobes Offer Unlimited Brightness in Frequency-Domain Imaging. <i>Journal of the American Chemical Society</i> , 2011, 133, 7628-7631.  | 6.6 | 33        |
| 61 | Stability of polymeric separators in lithium metal batteries in a low voltage environment. <i>Journal of Materials Chemistry A</i> , 2018, 6, 5006-5015.  | 5.2 | 31        |
| 62 | Fluctuation localization imaging-based fluorescence in situ hybridization (fliFISH) for accurate detection and counting of RNA copies in single cells. <i>Nucleic Acids Research</i> , 2018, 46, e7-e7.                           | 6.5 | 31        |
| 63 | Tip-enhanced near-field Raman spectroscopy probing single dye-sensitized TiO <sub>2</sub> nanoparticles. <i>Applied Physics Letters</i> , 2006, 88, 093121.   | 1.5 | 30        |
| 64 | Probing nanosecond protein motions of calmodulin by single-molecule fluorescence anisotropy. <i>Applied Physics Letters</i> , 2004, 85, 2420-2422.  | 1.5 | 29        |
| 65 | Probing Inhomogeneous Vibrational Reorganization Energy Barriers of Interfacial Electron Transfer. <i>Journal of Physical Chemistry B</i> , 2005, 109, 16390-16395.   | 1.2 | 29        |
| 66 | A Polymer-in-Salt Electrolyte with Enhanced Oxidative Stability for Lithium Metal Polymer Batteries. <i>ACS Applied Materials &amp; Interfaces</i> , 2021, 13, 31583-31593.   | 4.0 | 28        |
| 67 | Multiple-targeted graphene-based nanocarrier for intracellular imaging of mRNAs. <i>Analytica Chimica Acta</i> , 2017, 983, 1-8.  | 2.6 | 27        |
| 68 | Tip-Enhanced Raman Nanographs: Mapping Topography and Local Electric Fields. <i>Nano Letters</i> , 2015, 15, 2385-2390.   | 4.5 | 26        |
| 69 | Quantitative Mapping of Oxidative Stress Response to Lithium Cobalt Oxide Nanoparticles in Single Cells Using Multiplexed <i>in Situ</i> Gene Expression Analysis. <i>Nano Letters</i> , 2019, 19, 1990-1997.                     | 4.5 | 25        |
| 70 | Argon Cluster Sputtering Source for ToF-SIMS Depth Profiling of Insulating Materials: High Sputter Rate and Accurate Interfacial Information. <i>Journal of the American Society for Mass Spectrometry</i> , 2015, 26, 1283-1290. | 1.2 | 24        |
| 71 | Organismal and spatial partitioning of energy and macronutrient transformations within a hypersaline mat. <i>FEMS Microbiology Ecology</i> , 2017, 93, .  | 1.3 | 23        |
| 72 | Junction Plasmon-Induced Molecular Reorientation. <i>Journal of Physical Chemistry Letters</i> , 2013, 4, 3435-3439.  | 2.1 | 22        |

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|----|--|-----|-----------|
| 73 | Cells Respond to Distinct Nanoparticle Properties with Multiple Strategies As Revealed by Single-Cell RNA-Seq. ACS Nano, 2016, 10, 10173-10185.  | 7.3 | 21        |
| 74 | Electric field enhancement in a self-assembled 2D array of silver nanospheres. Journal of Chemical Physics, 2014, 141, 214308.   | 1.2 | 20        |
| 75 | Facile method to stain the bacterial cell surface for super-resolution fluorescence microscopy. Analyst, The, 2014, 139, 3174-3178.  | 1.7 | 20        |
| 76 | Chemical plasticity in the fine root construct of <i>Quercus</i> spp. varies with root order and drought. New Phytologist, 2020, 228, 1835-1851.   | 3.5 | 20        |
| 77 | Coupled Lattice Polarization and Ferromagnetism in Multiferroic NiTiO <sub>3</sub> Thin Films. ACS Applied Materials & Interfaces, 2017, 9, 21879-21890.   | 4.0 | 18        |
| 78 | Single-Molecule Triplet-State Photon Antibunching at Room Temperature. Journal of Physical Chemistry B, 2005, 109, 9861-9864.  | 1.2 | 17        |
| 79 | Role of Collector Alternating Charged Patches on Transport of <i>Cryptosporidium parvum</i> Oocysts in a Patchwise Charged Heterogeneous Micromodel. Environmental Science & Technology, 2013, 47, 2670-2678.  | 4.6 | 17        |
| 80 | Coexistence of weak ferromagnetism and polar lattice distortion in epitaxial NiTiO <sub>3</sub> thin films of the LiNbO <sub>3</sub> -type structure. Journal of Vacuum Science and Technology B: Nanotechnology and Microelectronics, 2013, 31, 030603. | 0.6 | 17        |
| 81 | High throughput operando studies using Fourier transform infrared imaging and Raman spectroscopy. Review of Scientific Instruments, 2008, 79, 074101.  | 0.6 | 16        |
| 82 | Correlated topographic and spectroscopic imaging by combined atomic force microscopy and optical microscopy. Journal of Luminescence, 2004, 107, 4-12.   | 1.5 | 15        |
| 83 | Spatial and temporal variation of surface-enhanced Raman scattering at Ag nanowires in aqueous solution. Physical Chemistry Chemical Physics, 2013, 15, 850-859.   | 1.3 | 15        |
| 84 | Antigen Binding and Site-Directed Labeling of Biosilica-Immobilized Fusion Proteins Expressed in Diatoms. ACS Synthetic Biology, 2016, 5, 193-199.   | 1.9 | 15        |
| 85 | Correlative surface imaging reveals chemical signatures for bacterial hotspots on plant roots. Analyst, The, 2020, 145, 393-401.   | 1.7 | 15        |
| 86 | Fluctuating Two-State Light Harvesting in a Photosynthetic Membrane. Journal of Physical Chemistry C, 2007, 111, 8948-8956.  | 1.5 | 14        |
| 87 | Methanol Partial Oxidation on MoO <sub>3</sub> /SiO <sub>2</sub> Catalysts: Application of Vibrational Spectroscopic Imaging Techniques in a High Throughput Operando Reactor. Topics in Catalysis, 2009, 52, 1381-1387.                                 | 1.3 | 14        |
| 88 | Metabolic Interactions between <i>Brachypodium</i> and <i>Pseudomonas fluorescens</i> under Controlled Iron-Limited Conditions. MSystems, 2021, 6, .   | 1.7 | 13        |
| 89 | Preferential interactions of primary amine-terminated quantum dots with membrane domain boundaries and lipid rafts revealed with nanometer resolution. Environmental Science: Nano, 2020, 7, 149-161.  | 2.2 | 12        |
| 90 | Microbe-Encapsulated Silica Gel Biosorbents for Selective Extraction of Scandium from Coal Byproducts. Environmental Science & Technology, 2021, 55, 6320-6328.  | 4.6 | 12        |

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|-----|--|-----|-----------|
| 91  | Mutations That Alter the Bacterial Cell Envelope Increase Lipid Production. MBio, 2017, 8, .   | 1.8 | 10        |
| 92  | Hydroporphyrin-Doped Near-Infrared-Emitting Polymer Dots for Cellular Fluorescence Imaging. ACS Applied Materials & Interfaces, 2022, 14, 20790-20801.   | 4.0 | 10        |
| 93  | Frequency-Resolved Nanoscale Chemical Imaging of 4,4- $\text{D}_2$ -Dimercaptostilbene on Silver. Journal of Physical Chemistry C, 2014, 118, 27525-27530.   | 1.5 | 9         |
| 94  | Fluorescence Based Characterization of Calcium Sensitizer Action on the Troponin Complex. Chemical Biology and Drug Design, 2016, 87, 171-181.   | 1.5 | 9         |
| 95  | The Origin of Surface-Enhanced Raman Scattering of 4,4- $\text{D}_2$ -Biphenyldicarboxylate on Silver Substrates. Journal of Physical Chemistry C, 2013, 117, 7260-7268.                                 | 1.5 | 8         |
| 96  | The information content in single-molecule Raman nanoscopy. Advances in Physics: X, 2016, 1, 35-54.  | 1.5 | 8         |
| 97  | Strain-Dependence of the Structure and Ferroic Properties of Epitaxial $\text{NiTiO}_3$ Thin Films Grown on Different Substrates. Advances in Condensed Matter Physics, 2015, 2015, 1-9.                 | 0.4 | 7         |
| 98  | Strain-dependence of the structure and ferroic properties of epitaxial $\text{Ni}_{1-x}\text{Ti}_x\text{O}_3$ thin films grown on sapphire substrates. Thin Solid Films, 2015, 578, 113-123.             | 0.8 | 7         |
| 99  | Multimodal hyperspectral optical microscopy. Chemical Physics, 2017, 498-499, 25-32.   | 0.9 | 7         |
| 100 | Understanding super-resolution nanoscopy and its biological applications in cell imaging. Physical Chemistry Chemical Physics, 2013, 15, 14856.  | 1.3 | 6         |
| 101 | Swimming Motility Reduces <i>Azotobacter vinelandii</i> Deposition to Silica Surfaces. Journal of Environmental Quality, 2015, 44, 1366-1375.  | 1.0 | 6         |
| 102 | Single Molecule-Based fliFISH Validates Radial and Heterogeneous Gene Expression Patterns in Pancreatic Islet $\beta$ -Cells. Diabetes, 2021, 70, 1117-1122.   | 0.3 | 6         |
| 103 | High Throughput Mapping of Single Molecules' Redox Potentials on Electrode. Analytical Chemistry, 2021, 93, 8864-8871.   | 3.2 | 5         |
| 104 | Catalyst Structure-Performance Relationship Identified by High-Throughput Operando Method: New Insight for Silica-Supported Vanadium Oxide for Methanol Oxidation. Topics in Catalysis, 2010, 53, 40-48. | 1.3 | 4         |
| 105 | Stable Acinar Progenitor Cell Model Identifies Treacle-Dependent Radioresistance. Radiation Research, 2019, 192, 135.  | 0.7 | 4         |
| 106 | Grain growth of nanocrystalline 3C-SiC under Au ion irradiation at elevated temperatures. Journal Physics D: Applied Physics, 2016, 49, 035304.  | 1.3 | 3         |
| 107 | Controlling the structure and ferroic properties of strained epitaxial $\text{NiTiO}_3$ thin films on sapphire by post-deposition annealing. Thin Solid Films, 2018, 662, 47-53.                         | 0.8 | 3         |
| 108 | Counting mRNA Copies in Intact Bacterial Cells by Fluctuation Localization Imaging-Based Fluorescence In Situ Hybridization (fliFISH). Methods in Molecular Biology, 2021, 2246, 237-247.                | 0.4 | 3         |

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|-----|---|-----|-----------|
| 109 | Expression Patterns of Energy-Related Genes in Single Cells Uncover Key Isoforms and Enzymes That Gain Priority Under Nanoparticle-Induced Stress. <i>ACS Nano</i> , 2022, 16, 7197-7209. | 7.3 | 3         |
| 110 | Nanometer resolution imaging by single molecule switching. <i>Nano Reviews</i> , 2010, 1, 5122.   | 3.7 | 2         |
| 111 | Fluorescence in situ mRNA hybridization for gene expression detection in a wood decay fungus. <i>International Biodeterioration and Biodegradation</i> , 2019, 143, 104731.               | 1.9 | 2         |
| 112 | On Modeling Ensemble Transport of Metal Reducing Motile Bacteria. <i>Scientific Reports</i> , 2019, 9, 14638.   | 1.6 | 2         |
| 113 | Impacts of The Wetland Sedge <i>Carex aquatilis</i> on Microbial Community and Methane Metabolisms. <i>Plant and Soil</i> , 2022, 471, 491.   | 1.8 | 2         |
| 114 | A Protocol for Electrochemical Evaluations and State of Charge Diagnostics of a Symmetric Organic Redox Flow Battery. <i>Journal of Visualized Experiments</i> , 2017, , .                | 0.2 | 1         |
| 115 | FRET measurements between small numbers of molecules identifies subtle changes in receptor interactions. , 2004, , .  |     | 0         |
| 116 | Single molecule electron transfer process of ruthenium complexes. , 2006, , .   |     | 0         |
| 117 | Single-Molecule Electron Transfer Reaction in Nanomaterials. <i>Microscopy and Microanalysis</i> , 2009, 15, 1138-1139.   | 0.2 | 0         |
| 118 | Colloidal immobilized protein based on stable colloid of TiO nanoparticles at neutral pH for protein microarray. <i>Colloids and Interface Science Communications</i> , 2021, 43, 100440. | 2.0 | 0         |