

Dehong Hu

List of Publications by Year in descending order

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Version: 2024-02-01

118
papers

11,301
citations

43973

48
h-index

28224

105
g-index

120
all docs

120
docs citations

120
times ranked

15927
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | 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 |
| 2 | 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 |
| 3 | Hydroporphyrin-Doped Near-Infrared-Emitting Polymer Dots for Cellular Fluorescence Imaging. <i>ACS Applied Materials & Interfaces</i> , 2022, 14, 20790-20801. | 4.0 | 10 |
| 4 | Metabolic Interactions between <i>Brachypodium</i> and <i>Pseudomonas fluorescens</i> under Controlled Iron-Limited Conditions. <i>MSystems</i> , 2021, 6, . | 1.7 | 13 |
| 5 | Single Molecule-Based fliFISH Validates Radial and Heterogeneous Gene Expression Patterns in Pancreatic Islet β -Cells. <i>Diabetes</i> , 2021, 70, 1117-1122. | 0.3 | 6 |
| 6 | Microbe-Encapsulated Silica Gel Biosorbents for Selective Extraction of Scandium from Coal Byproducts. <i>Environmental Science & Technology</i> , 2021, 55, 6320-6328. | 4.6 | 12 |
| 7 | High Throughput Mapping of Single Molecules' Redox Potentials on Electrode. <i>Analytical Chemistry</i> , 2021, 93, 8864-8871. | 3.2 | 5 |
| 8 | A Polymer-in-Salt Electrolyte with Enhanced Oxidative Stability for Lithium Metal Polymer Batteries. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 31583-31593. | 4.0 | 28 |
| 9 | 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 |
| 10 | Counting mRNA Copies in Intact Bacterial Cells by Fluctuation Localization Imaging-Based Fluorescence In Situ Hybridization (fliFISH). <i>Methods in Molecular Biology</i> , 2021, 2246, 237-247. | 0.4 | 3 |
| 11 | 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 |
| 12 | 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 |
| 13 | Preferential interactions of primary amine-terminated quantum dots with membrane domain boundaries and lipid rafts revealed with nanometer resolution. <i>Environmental Science: Nano</i> , 2020, 7, 149-161. | 2.2 | 12 |
| 14 | Correlative surface imaging reveals chemical signatures for bacterial hotspots on plant roots. <i>The Analyst</i> , 2020, 145, 393-401. | 1.7 | 15 |
| 15 | Chemical plasticity in the fine root construct of <i>Quercus</i> spp. varies with root order and drought. <i>New Phytologist</i> , 2020, 228, 1835-1851. | 3.5 | 20 |
| 16 | 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 |
| 17 | Genetic and metabolic links between the murine microbiome and memory. <i>Microbiome</i> , 2020, 8, 53. | 4.9 | 56 |
| 18 | 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 |

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|----|--|------|-----------|
| 19 | On Modeling Ensemble Transport of Metal Reducing Motile Bacteria. <i>Scientific Reports</i> , 2019, 9, 14638. | 1.6 | 2 |
| 20 | 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 |
| 21 | Stable Acinar Progenitor Cell Model Identifies Treacle-Dependent Radioresistance. <i>Radiation Research</i> , 2019, 192, 135. | 0.7 | 4 |
| 22 | 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 |
| 23 | Fluctuation localization imaging-based fluorescence <i>in situ</i> 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 |
| 24 | 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 |
| 25 | Lipid Corona Formation from Nanoparticle Interactions with Bilayers. <i>Chem</i> , 2018, 4, 2709-2723. | 5.8 | 46 |
| 26 | Stable cycling of high-voltage lithium metal batteries in ether electrolytes. <i>Nature Energy</i> , 2018, 3, 739-746. | 19.8 | 767 |
| 27 | Controlling the structure and ferroic properties of strained epitaxial NiTiO ₃ thin films on sapphire by post-deposition annealing. <i>Thin Solid Films</i> , 2018, 662, 47-53. | 0.8 | 3 |
| 28 | Mutations That Alter the Bacterial Cell Envelope Increase Lipid Production. <i>MBio</i> , 2017, 8, . | 1.8 | 10 |
| 29 | Coupled Lattice Polarization and Ferromagnetism in Multiferroic NiTiO ₃ Thin Films. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 21879-21890. | 4.0 | 18 |
| 30 | Multimodal hyperspectral optical microscopy. <i>Chemical Physics</i> , 2017, 498-499, 25-32. | 0.9 | 7 |
| 31 | Multiple-targeted graphene-based nanocarrier for intracellular imaging of mRNAs. <i>Analytica Chimica Acta</i> , 2017, 983, 1-8. | 2.6 | 27 |
| 32 | 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 |
| 33 | Organismal and spatial partitioning of energy and macronutrient transformations within a hypersaline mat. <i>FEMS Microbiology Ecology</i> , 2017, 93, . | 1.3 | 23 |
| 34 | Fluorescence Based Characterization of Calcium Sensitizer Action on the Troponin Complex. <i>Chemical Biology and Drug Design</i> , 2016, 87, 171-181. | 1.5 | 9 |
| 35 | Polyvinylpyrrolidone-induced anisotropic growth of gold nanoprisms in plasmon-driven synthesis. <i>Nature Materials</i> , 2016, 15, 889-895. | 13.3 | 239 |
| 36 | Cellular Delivery of Nanoparticles Revealed with Combined Optical and Isotopic Nanoscopy. <i>ACS Nano</i> , 2016, 10, 4046-4054. | 7.3 | 36 |

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|----|--|-----|-----------|
| 37 | A symmetric organic-based nonaqueous redox flow battery and its state of charge diagnostics by FTIR. <i>Journal of Materials Chemistry A</i> , 2016, 4, 5448-5456. | 5.2 | 167 |
| 38 | Localizing gene regulation reveals a staggered wood decay mechanism for the brown rot fungus <i>Postia placenta</i> . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 10968-10973. | 3.3 | 160 |
| 39 | Grain growth of nanocrystalline 3C-SiC under Au ion irradiation at elevated temperatures. <i>Journal Physics D: Applied Physics</i> , 2016, 49, 035304. | 1.3 | 3 |
| 40 | Cells Respond to Distinct Nanoparticle Properties with Multiple Strategies As Revealed by Single-Cell RNA-Seq. <i>ACS Nano</i> , 2016, 10, 10173-10185. | 7.3 | 21 |
| 41 | The information content in single-molecule Raman nanoscopy. <i>Advances in Physics: X</i> , 2016, 1, 35-54. | 1.5 | 8 |
| 42 | 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 |
| 43 | Antigen Binding and Site-Directed Labeling of Biosilica-Immobilized Fusion Proteins Expressed in Diatoms. <i>ACS Synthetic Biology</i> , 2016, 5, 193-199. | 1.9 | 15 |
| 44 | 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 |
| 45 | Swimming Motility Reduces <i>Azotobacter vinelandii</i> Deposition to Silica Surfaces. <i>Journal of Environmental Quality</i> , 2015, 44, 1366-1375. | 1.0 | 6 |
| 46 | Strain-Dependence of the Structure and Ferroic Properties of Epitaxial NiTiO ₃ Thin Films Grown on Different Substrates. <i>Advances in Condensed Matter Physics</i> , 2015, 2015, 1-9. | 0.4 | 7 |
| 47 | 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 |
| 48 | 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 |
| 49 | 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 |
| 50 | A fundamental study on the [(1/4-Cl) ₃ Mg ₂ (THF) ₆] ⁺⁺ dimer electrolytes for rechargeable Mg batteries. <i>Chemical Communications</i> , 2015, 51, 2312-2315. | 2.2 | 53 |
| 51 | Lipopolysaccharide Density and Structure Govern the Extent and Distance of Nanoparticle Interaction with Actual and Model Bacterial Outer Membranes. <i>Environmental Science & Technology</i> , 2015, 49, 10642-10650. | 4.6 | 103 |
| 52 | Strain-dependence of the structure and ferroic properties of epitaxial Ni _{1-x} Ti _x O ₃ thin films grown on sapphire substrates. <i>Thin Solid Films</i> , 2015, 578, 113-123. | 0.8 | 7 |
| 53 | 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 |
| 54 | 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 |

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|----|--|-----|-----------|
| 55 | Ultrafast Imaging of Surface Plasmons Propagating on a Gold Surface. Nano Letters, 2015, 15, 3472-3478. | 4.5 | 69 |
| 56 | Tip-Enhanced Raman Nanographs: Mapping Topography and Local Electric Fields. Nano Letters, 2015, 15, 2385-2390. | 4.5 | 26 |
| 57 | Direct Probes of 4 nm Diameter Gold Nanoparticles Interacting with Supported Lipid Bilayers. Journal of Physical Chemistry C, 2015, 119, 534-546. | 1.5 | 77 |
| 58 | Phototrophic biofilm assembly in microbial-mat-derived unicyanobacterial consortia: model systems for the study of autotroph-heterotroph interactions. Frontiers in Microbiology, 2014, 5, 109. | 1.5 | 97 |
| 59 | Electric field enhancement in a self-assembled 2D array of silver nanospheres. Journal of Chemical Physics, 2014, 141, 214308. | 1.2 | 20 |
| 60 | Frequency-Resolved Nanoscale Chemical Imaging of 4,4'-Dimercaptostilbene on Silver. Journal of Physical Chemistry C, 2014, 118, 27525-27530. | 1.5 | 9 |
| 61 | Facile method to stain the bacterial cell surface for super-resolution fluorescence microscopy. Analyst, The, 2014, 139, 3174-3178. | 1.7 | 20 |
| 62 | Junction Plasmon-Induced Molecular Reorientation. Journal of Physical Chemistry Letters, 2013, 4, 3435-3439. | 2.1 | 22 |
| 63 | Electrocatalytic properties of poly(3,4-ethylenedioxythiophene) (PEDOT) in Li-O ₂ battery. Electrochemistry Communications, 2013, 29, 63-66. | 2.3 | 36 |
| 64 | 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. Journal of the American Chemical Society, 2013, 135, 18710-18713. | 6.6 | 104 |
| 65 | 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 |
| 66 | Raman Scattering at Plasmonic Junctions Shorted by Conductive Molecular Bridges. Nano Letters, 2013, 13, 1858-1861. | 4.5 | 62 |
| 67 | Potential of Nanocrystalline Cellulose-Fibrin Nanocomposites for Artificial Vascular Graft Applications. Biomacromolecules, 2013, 14, 1063-1071. | 2.6 | 90 |
| 68 | 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 |
| 69 | Understanding super-resolution nanoscopy and its biological applications in cell imaging. Physical Chemistry Chemical Physics, 2013, 15, 14856. | 1.3 | 6 |
| 70 | 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 |
| 71 | The Origin of Surface-Enhanced Raman Scattering of 4,4'-Biphenyldicarboxylate on Silver Substrates. Journal of Physical Chemistry C, 2013, 117, 7260-7268. | 1.5 | 8 |
| 72 | Coexistence of weak ferromagnetism and polar lattice distortion in epitaxial NiTiO ₃ thin films of the LiNbO ₃ -type structure. Journal of Vacuum Science and Technology B: Nanotechnology and Microelectronics, 2013, 31, 030603. | 0.6 | 17 |

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|----|--|-----|-----------|
| 73 | 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 |
| 74 | Factors affecting the battery performance of anthraquinone-based organic cathode materials. <i>Journal of Materials Chemistry</i> , 2012, 22, 4032. | 6.7 | 126 |
| 75 | 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 |
| 76 | 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 |
| 77 | Photoswitchable Nanoprobes Offer Unlimited Brightness in Frequency-Domain Imaging. <i>Journal of the American Chemical Society</i> , 2011, 133, 7628-7631. | 6.6 | 33 |
| 78 | Reaction mechanisms for the limited reversibility of Li-O ₂ chemistry in organic carbonate electrolytes. <i>Journal of Power Sources</i> , 2011, 196, 9631-9639. | 4.0 | 198 |
| 79 | Investigation on the charging process of Li ₂ O ₂ -based air electrodes in Li-O ₂ batteries with organic carbonate electrolytes. <i>Journal of Power Sources</i> , 2011, 196, 3894-3899. | 4.0 | 229 |
| 80 | Investigation of the rechargeability of Li-O ₂ batteries in non-aqueous electrolyte. <i>Journal of Power Sources</i> , 2011, 196, 5674-5678. | 4.0 | 197 |
| 81 | Catalyst Structure-Performance Relationship Identified by High-Throughput Operando Method: New Insight for Silica-Supported Vanadium Oxide for Methanol Oxidation. <i>Topics in Catalysis</i> , 2010, 53, 40-48. | 1.3 | 4 |
| 82 | Nanometer resolution imaging by single molecule switching. <i>Nano Reviews</i> , 2010, 1, 5122. | 3.7 | 2 |
| 83 | Aptamer/Graphene Oxide Nanocomplex for <i>in Situ</i> Molecular Probing in Living Cells. <i>Journal of the American Chemical Society</i> , 2010, 132, 9274-9276. | 6.6 | 1,020 |
| 84 | Ternary Self-Assembly of Ordered Metal Oxide-Graphene Nanocomposites for Electrochemical Energy Storage. <i>ACS Nano</i> , 2010, 4, 1587-1595. | 7.3 | 795 |
| 85 | Methanol Partial Oxidation on MoO ₃ /SiO ₂ Catalysts: Application of Vibrational Spectroscopic Imaging Techniques in a High Throughput Operando Reactor. <i>Topics in Catalysis</i> , 2009, 52, 1381-1387. | 1.3 | 14 |
| 86 | Self-Assembled TiO ₂ -Graphene Hybrid Nanostructures for Enhanced Li-Ion Insertion. <i>ACS Nano</i> , 2009, 3, 907-914. | 7.3 | 1,596 |
| 87 | Clay Nanoparticle-Supported Single-Molecule Fluorescence Spectroelectrochemistry. <i>Nano Letters</i> , 2009, 9, 655-658. | 4.5 | 52 |
| 88 | Single-Molecule Electron Transfer Reaction in Nanomaterials. <i>Microscopy and Microanalysis</i> , 2009, 15, 1138-1139. | 0.2 | 0 |
| 89 | Single-molecule fluorescence spectroelectrochemistry of cresyl violet. <i>Chemical Communications</i> , 2008, , 5490. | 2.2 | 77 |
| 90 | Photoswitchable Nanoparticles Enable High-Resolution Cell Imaging: PULSAR Microscopy. <i>Journal of the American Chemical Society</i> , 2008, 130, 15279-15281. | 6.6 | 105 |

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|-----|---|-----|-----------|
| 91 | High throughput operando studies using Fourier transform infrared imaging and Raman spectroscopy. Review of Scientific Instruments, 2008, 79, 074101. | 0.6 | 16 |
| 92 | Fluctuating Two-State Light Harvesting in a Photosynthetic Membrane. Journal of Physical Chemistry C, 2007, 111, 8948-8956. | 1.5 | 14 |
| 93 | Submicrometer and Nanoscale Inorganic Particles Exploit the Actin Machinery To Be Propelled along Microvilli-like Structures into Alveolar Cells. ACS Nano, 2007, 1, 463-475. | 7.3 | 42 |
| 94 | Revealing Two-State Protein-Protein Interactions of Calmodulin by Single-Molecule Spectroscopy. Journal of the American Chemical Society, 2006, 128, 10034-10042. | 6.6 | 69 |
| 95 | Single molecule electron transfer process of ruthenium complexes. , 2006, , . | | 0 |
| 96 | Tip-enhanced near-field Raman spectroscopy probing single dye-sensitized TiO ₂ nanoparticles. Applied Physics Letters, 2006, 88, 093121. | 1.5 | 30 |
| 97 | Single-Molecule Triplet-State Photon Antibunching at Room Temperature. Journal of Physical Chemistry B, 2005, 109, 9861-9864. | 1.2 | 17 |
| 98 | Probing Inhomogeneous Vibrational Reorganization Energy Barriers of Interfacial Electron Transfer. Journal of Physical Chemistry B, 2005, 109, 16390-16395. | 1.2 | 29 |
| 99 | Cholesterol Dictates the Freedom of EGF Receptors and HER2 in the Plane of the Membrane. Biophysical Journal, 2005, 89, 1362-1373. | 0.2 | 116 |
| 100 | Probing nanosecond protein motions of calmodulin by single-molecule fluorescence anisotropy. Applied Physics Letters, 2004, 85, 2420-2422. | 1.5 | 29 |
| 101 | Correlated topographic and spectroscopic imaging by combined atomic force microscopy and optical microscopy. Journal of Luminescence, 2004, 107, 4-12. | 1.5 | 15 |
| 102 | Correlated atomic force microscopy and fluorescence lifetime imaging of live bacterial cells. Colloids and Surfaces B: Biointerfaces, 2004, 34, 205-212. | 2.5 | 56 |
| 103 | Single-Molecule Study of Protein-Protein Interaction Dynamics in a Cell Signaling System. Journal of Physical Chemistry B, 2004, 108, 737-744. | 1.2 | 51 |
| 104 | Intermittent Single-Molecule Interfacial Electron Transfer Dynamics. Journal of the American Chemical Society, 2004, 126, 9374-9381. | 6.6 | 102 |
| 105 | Placing Single-Molecule T4 Lysozyme Enzymes on a Bacterial Cell Surface: Toward Probing Single-Molecule Enzymatic Reaction in Living Cells. Biophysical Journal, 2004, 87, 656-661. | 0.2 | 33 |
| 106 | FRET measurements between small numbers of molecules identifies subtle changes in receptor interactions. , 2004, , . | | 0 |
| 107 | Single-Molecule Nanosecond Anisotropy Dynamics of Tethered Protein Motions. Journal of Physical Chemistry B, 2003, 107, 618-626. | 1.2 | 42 |
| 108 | Probing Single-Molecule T4 Lysozyme Conformational Dynamics by Intramolecular Fluorescence Energy Transfer. Journal of Physical Chemistry B, 2003, 107, 7947-7956. | 1.2 | 92 |

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|-----|--|------|-----------|
| 109 | Correlated topographic and spectroscopic imaging beyond diffraction limit by atomic force microscopy metallic tip-enhanced near-field fluorescence lifetime microscopy. Review of Scientific Instruments, 2003, 74, 3347-3355. | 0.6 | 46 |
| 110 | Spatial Confinement of Exciton Transfer and the Role of Conformational Order in Organic Nanoparticles. Nano Letters, 2002, 2, 1121-1124. | 4.5 | 73 |
| 111 | Structural and Electronic Characterization of Chemical and Conformational Defects in Conjugated Polymers. Journal of Physical Chemistry B, 2001, 105, 6103-6107. | 1.2 | 72 |
| 112 | Collapse of stiff conjugated polymers with chemical defects into ordered, cylindrical conformations. Nature, 2000, 405, 1030-1033. | 13.7 | 433 |
| 113 | Unmasking Electronic Energy Transfer of Conjugated Polymers by Suppression of O ₂ Quenching. Science, 2000, 289, 1327-1330. | 6.0 | 356 |
| 114 | Single-Molecule Spectroscopy of the Conjugated Polymer MEH-PPV. Journal of the American Chemical Society, 1999, 121, 6936-6937. | 6.6 | 162 |
| 115 | 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 |
| 116 | First Observation of the Key Intermediate in the "Light-Switch" Mechanism of [Ru(phen) ₂ dppz] ²⁺ . Journal of the American Chemical Society, 1997, 119, 11458-11467. | 6.6 | 370 |
| 117 | Quantitative Modeling of DNA-Mediated Electron Transfer between Metallointercalators. Journal of Physical Chemistry B, 1997, 101, 299-303. | 1.2 | 76 |
| 118 | Discrete Intensity Jumps and Intramolecular Electronic Energy Transfer in the Spectroscopy of Single Conjugated Polymer Molecules. Science, 1997, 277, 1074-1077. | 6.0 | 508 |