

Oleg G Poluektov

List of Publications by Year in descending order

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106
papers

3,733
citations

117571

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109
docs citations

109
times ranked

4875
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 1 | Millisecond Coherence Time in a Tunable Molecular Electronic Spin Qubit. ACS Central Science, 2015, 1, 488-492. | 5.3 | 296 |
| 2 | Sodium insertion in carboxylate based materials and their application in 3.6 V full sodium cells. Energy and Environmental Science, 2012, 5, 9632. | 15.6 | 235 |
| 3 | Selective propane dehydrogenation with single-site CoII on SiO2 by a non-redox mechanism. Journal of Catalysis, 2015, 322, 24-37. | 3.1 | 168 |
| 4 | Highly-efficient charge separation and polaron delocalization in polymerâ€“fullerene bulk-heterojunctions: a comparative multi-frequency EPR and DFT study. Physical Chemistry Chemical Physics, 2013, 15, 9562. | 1.3 | 135 |
| 5 | A bioinspired redox relay that mimics radical interactions of the Tyrâ€“His pairs of photosystem II. Nature Chemistry, 2014, 6, 423-428. | 6.6 | 133 |
| 6 | Long Coherence Times in Nuclear Spin-Free Vanadyl Qubits. Journal of the American Chemical Society, 2016, 138, 14678-14685. | 6.6 | 118 |
| 7 | Vanadium spin qubits as telecom quantum emitters in silicon carbide. Science Advances, 2020, 6, eaaz1192. | 4.7 | 96 |
| 8 | Photocatalytic Hydrogen Production from Noncovalent Biohybrid Photosystem I/Pt Nanoparticle Complexes. Journal of Physical Chemistry Letters, 2011, 2, 236-241. | 2.1 | 90 |
| 9 | Protein Delivery of a Ni Catalyst to Photosystem I for Light-Driven Hydrogen Production. Journal of the American Chemical Society, 2013, 135, 13246-13249. | 6.6 | 83 |
| 10 | Optical charge state control of spin defects in 4H-SiC. Nature Communications, 2017, 8, 1876. | 5.8 | 83 |
| 11 | High-field pulsed EPR and ENDOR of Gd3+ complexes in glassy solutions. Applied Magnetic Resonance, 2005, 28, 281-295. | 0.6 | 76 |
| 12 | Charge Transfer Processes in OPV Materials as Revealed by EPR Spectroscopy. Advanced Energy Materials, 2017, 7, 1602226. | 10.2 | 75 |
| 13 | A W-Band Electron Nuclear Double Resonance Study of Single Crystals of 14N and 15N Azurin. Journal of the American Chemical Society, 1996, 118, 12141-12153. | 6.6 | 74 |
| 14 | Bidirectional Electron Transfer in Photosystem I: Direct Evidence from High-Frequency Time-Resolved EPR Spectroscopy. Journal of the American Chemical Society, 2005, 127, 11910-11911. | 6.6 | 73 |
| 15 | Spin Signatures of Photogenerated Radical Anions in Polymerâ€“Fullerene Bulk Heterojunctions: High Frequency Pulsed EPR Spectroscopy. Journal of Physical Chemistry B, 2010, 114, 14426-14429. | 1.2 | 72 |
| 16 | Photo-accelerated fast charging of lithium-ion batteries. Nature Communications, 2019, 10, 4946. | 5.8 | 68 |
| 17 | Through-Space Ultrafast Photoinduced Electron Transfer Dynamics of a C₇₀-Encapsulated Bisporphyrin Covalent Organic Polyhedron in a Low-Dielectric Medium. Journal of the American Chemical Society, 2017, 139, 4286-4289. | 6.6 | 58 |
| 18 | Local Polarity and Hydrogen Bonding Inside the Sec14p Phospholipid-Binding Cavity: High-Field Multi-Frequency Electron Paramagnetic Resonance Studies. Biophysical Journal, 2007, 92, 3686-3695. | 0.2 | 53 |

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|----|---|-----|-----------|
| 19 | A W-Band Electron Spin Echo Envelope Modulation Study of a Single Crystal of Azurin. <i>Journal of the American Chemical Society</i> , 1997, 119, 4726-4731. | 6.6 | 51 |
| 20 | Charge Separation and Surface Reconstruction: A Mn ²⁺ -Doping Study. <i>Journal of Physical Chemistry B</i> , 2006, 110, 25441-25450. | 1.2 | 50 |
| 21 | Electronic Structure of the P700 Special Pair from High-Frequency Electron Paramagnetic Resonance Spectroscopy. <i>Journal of Physical Chemistry B</i> , 2002, 106, 8911-8916. | 1.2 | 48 |
| 22 | The Hydrogen Catalyst Cobaloxime: A Multifrequency EPR and DFT Study of Cobaloxime's Electronic Structure. <i>Journal of Physical Chemistry B</i> , 2012, 116, 2943-2957. | 1.2 | 48 |
| 23 | Photoinduced Dynamics of Charge Separation: From Photosynthesis to Polymer-Fullerene Bulk Heterojunctions. <i>Journal of Physical Chemistry B</i> , 2015, 119, 7407-7416. | 1.2 | 48 |
| 24 | High-Field EPR Study of Carotenoid and Chlorophyll Cation Radicals in Photosystem II. <i>Journal of Physical Chemistry B</i> , 2000, 104, 10445-10448. | 1.2 | 46 |
| 25 | Pulsed EPR in 2-mm band. <i>Applied Magnetic Resonance</i> , 1991, 2, 715-728. | 0.6 | 45 |
| 26 | Structure of the β Radical Pair Intermediate in Photosystem I by High Time Resolution Multifrequency Electron Paramagnetic Resonance: Analysis of Quantum Beat Oscillations. <i>Journal of the American Chemical Society</i> , 2001, 123, 4211-4222. | 6.6 | 45 |
| 27 | Aqueous light driven hydrogen production by a Ru-ferredoxin-Co biohybrid. <i>Chemical Communications</i> , 2015, 51, 10628-10631. | 2.2 | 45 |
| 28 | Shallow electron centers in silver halides. <i>Physical Review B</i> , 1996, 54, 11276-11289. | 1.1 | 44 |
| 29 | Semi-artificial Photosynthetic CO ₂ Reduction through Purple Membrane Re-engineering with Semiconductor. <i>Journal of the American Chemical Society</i> , 2019, 141, 11811-11815. | 6.6 | 44 |
| 30 | Molecular Cobalt Catalysts for H ₂ Generation with Redox Activity and Proton Relays in the Second Coordination Sphere. <i>Inorganic Chemistry</i> , 2019, 58, 1697-1709. | 1.9 | 44 |
| 31 | Directionality of Electron-Transfer Reactions in Photosystem I of Prokaryotes: Universality of the Bidirectional Electron-Transfer Model. <i>Journal of Physical Chemistry B</i> , 2010, 114, 15158-15171. | 1.2 | 43 |
| 32 | Zirconium Modification Promotes Catalytic Activity of a Single-Site Cobalt Heterogeneous Catalyst for Propane Dehydrogenation. <i>ACS Omega</i> , 2018, 3, 11117-11127. | 1.6 | 43 |
| 33 | Exploring the Electron Transfer Pathways in Photosystem I by High-Time-Resolution Electron Paramagnetic Resonance: Observation of the B-Side Radical Pair P700+A1B ⁺ in Whole Cells of the Deuterated Green Alga <i>Chlamydomonas reinhardtii</i> at Cryogenic Temperatures. <i>Journal of the American Chemical Society</i> , 2012, 134, 5563-5576. | 6.6 | 42 |
| 34 | Transient W-Band EPR Study of Sequential Electron Transfer in Photosynthetic Bacterial Reaction Centers. <i>Journal of Physical Chemistry B</i> , 1999, 103, 5145-5150. | 1.2 | 38 |
| 35 | The g-Factor Anisotropy of Plant Chlorophyll a ⁺ . <i>Journal of Physical Chemistry B</i> , 2000, 104, 6973-6977. | 1.2 | 36 |
| 36 | Complex Relationship between Side-Chain Polarity, Conductivity, and Thermal Stability in Molecularly Doped Conjugated Polymers. <i>Chemistry of Materials</i> , 2021, 33, 741-753. | 3.2 | 36 |

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| 37 | Evaluation of the coordination preferences and catalytic pathways of heteroaxial cobalt oximes towards hydrogen generation. <i>Chemical Science</i> , 2016, 7, 3264-3278. | 3.7 | 35 |
| 38 | Probing Local Dynamics of the Photosynthetic Bacterial Reaction Center with a Cysteine Specific Spin Label. <i>Journal of Physical Chemistry B</i> , 2003, 107, 6239-6244. | 1.2 | 32 |
| 39 | Geometry of Hydrogen Bonds Formed by Lipid Bilayer Nitroxide Probes: A High-Frequency Pulsed ENDOR/EPR Study. <i>Journal of the American Chemical Society</i> , 2007, 129, 3476-3477. | 6.6 | 32 |
| 40 | Ru(II)-protein-Co biohybrids designed for solar hydrogen production: understanding electron transfer pathways related to photocatalytic function. <i>Chemical Science</i> , 2016, 7, 7068-7078. | 3.7 | 32 |
| 41 | EPR Investigation of Cu ²⁺ -Substituted Photosynthetic Bacterial Reaction Centers: Evidence for Histidine Ligation at the Surface Metal Site. <i>Biochemistry</i> , 2000, 39, 2961-2969. | 1.2 | 30 |
| 42 | Electronic Structure of Fullerene Heterodimer in Bulk Heterojunction Blends. <i>Advanced Energy Materials</i> , 2014, 4, 1301517. | 10.2 | 30 |
| 43 | Structure Control of a π -Conjugated Oligothiophene-Based Liquid Crystal for Enhanced Mixed Ion/Electron Transport Characteristics. <i>ACS Nano</i> , 2019, 13, 7665-7675. | 7.3 | 29 |
| 44 | Magnetic-Field-Induced Orientation of Photosynthetic Reaction Centers As Revealed by Time-Resolved W-Band EPR of Spin-Correlated Radical Pairs. <i>Journal of Physical Chemistry B</i> , 1999, 103, 10733-10736. | 1.2 | 28 |
| 45 | Analytical Treatment of EPR Spectra of Weakly Coupled Spin-Correlated Radical Pairs in Disordered Solids: Application to the Charge-Separated State in TiO ₂ Nanoparticles. <i>Journal of Physical Chemistry B</i> , 2002, 106, 938-944. | 1.2 | 27 |
| 46 | Electron Transfer Pathways and Protein Response to Charge Separation in Photosynthetic Reaction Centers: Time-Resolved High-Field ENDOR of the Spin-Correlated Radical Pair P865+QA-. <i>Journal of the American Chemical Society</i> , 2005, 127, 4049-4059. | 6.6 | 26 |
| 47 | Isolated, well-defined organovanadium(III) on silica: single-site catalyst for hydrogenation of alkenes and alkynes. <i>Chemical Communications</i> , 2017, 53, 7325-7328. | 2.2 | 26 |
| 48 | Artificial Hydrogenases Based on Cobaloximes and Heme Oxygenase. <i>ChemPlusChem</i> , 2016, 81, 1083-1089. | 1.3 | 25 |
| 49 | In the Bottlebrush Garden: The Structural Aspects of Coordination Polymer Phases formed in Lanthanide Extraction with Alkyl Phosphoric Acids. <i>Journal of Physical Chemistry B</i> , 2015, 119, 11910-11927. | 1.2 | 24 |
| 50 | Triplet-triplet energy transfer in artificial and natural photosynthetic antennas. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, E5513-E5521. | 3.3 | 24 |
| 51 | Low-Temperature Interquinone Electron Transfer in Photosynthetic Reaction Centers from <i>Rhodobacter sphaeroides</i> and <i>Blastochloris viridis</i> : Characterization of QB-States by High-Frequency Electron Paramagnetic Resonance (EPR) and Electron Nuclear Double Resonance (ENDOR). <i>Biochemistry</i> , 2005, 44, 14131-14142. | 1.2 | 22 |
| 52 | Structure of the Charge Separated State in the Photosynthetic Reaction Centers of <i>Rhodobacter sphaeroides</i> by Quantum Beat Oscillations and High-Field Electron Paramagnetic Resonance: Evidence for Light-Induced Reorientation. <i>Journal of the American Chemical Society</i> , 2007, 129, 15935-15946. | 6.6 | 21 |
| 53 | Cu ²⁺ Site in Photosynthetic Bacterial Reaction Centers from <i>Rhodobacter sphaeroides</i> , <i>Rhodobacter capsulatus</i> , and <i>Rhodospseudomonas viridis</i> . <i>Biochemistry</i> , 2001, 40, 6132-6141. | 1.2 | 20 |
| 54 | Charge Separation Related to Photocatalytic H ₂ Production from a Ru(II)-Apoflavodoxin-Ni Biohybrid. <i>ACS Energy Letters</i> , 2017, 2, 230-237. | 8.8 | 20 |

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| 55 | Z-scheme solar water splitting <i>via</i> self-assembly of photosystem I-catalyst hybrids in thylakoid membranes. <i>Chemical Science</i> , 2018, 9, 8504-8512. | 3.7 | 20 |
| 56 | Electron Paramagnetic Resonance Study of Radiation Damage in Photosynthetic Reaction Center Crystals. <i>Biochemistry</i> , 2008, 47, 9251-9257. | 1.2 | 19 |
| 57 | Intramolecular Hydrogen Bonding Restricts Gd ^{III} -Ligand Dynamics. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 5603-5606. | 7.2 | 19 |
| 58 | Charge Separation and Triplet Exciton Formation Pathways in Small-Molecule Solar Cells as Studied by Time-Resolved EPR Spectroscopy. <i>Journal of Physical Chemistry C</i> , 2017, 121, 22707-22719. | 1.5 | 19 |
| 59 | Immobilization of an Amphiphilic Molecular Cobalt Catalyst on Carbon Black for Ligand-Assisted Water Oxidation. <i>Inorganic Chemistry</i> , 2018, 57, 9748-9756. | 1.9 | 18 |
| 60 | Mechanistic Aspects of a Surface Organovanadium(III) Catalyst for Hydrocarbon Hydrogenation and Dehydrogenation. <i>ACS Catalysis</i> , 2019, 9, 11055-11066. | 5.5 | 17 |
| 61 | <i>sp</i> ³ -Functionalization of Single-Walled Carbon Nanotubes Creates Localized Spins. <i>ACS Nano</i> , 2020, 14, 17675-17682. | 7.3 | 17 |
| 62 | High-Frequency Electron Nuclear Double-Resonance Spectroscopy Studies of the Mechanism of Proton-Coupled Electron Transfer at the Tyrosine-D Residue of Photosystem II. <i>Biochemistry</i> , 2013, 52, 4781-4790. | 1.2 | 16 |
| 63 | ENDOR of Spin-Correlated Radical Pairs in Photosynthesis at High Magnetic Field: A Tool for Mapping Electron Transfer Pathways. <i>Journal of the American Chemical Society</i> , 2004, 126, 1644-1645. | 6.6 | 15 |
| 64 | Photoregeneration of Biomimetic Nicotinamide Adenine Dinucleotide Analogues via a Dye-Sensitized Approach. <i>ACS Applied Energy Materials</i> , 2019, 2, 80-91. | 2.5 | 15 |
| 65 | Discovery of Native Metal Ion Sites Located on the Ferredoxin Docking Side of Photosystem I. <i>Biochemistry</i> , 2008, 47, 3671-3676. | 1.2 | 14 |
| 66 | Electronic Structure of Fullerene Acceptors in Organic Bulk-Heterojunctions: A Combined EPR and DFT Study. <i>Journal of Physical Chemistry Letters</i> , 2015, 6, 4730-4735. | 2.1 | 14 |
| 67 | Charge Separation in P3HT:SWCNT Blends Studied by EPR: Spin Signature of the Photoinduced Charged State in SWCNT. <i>Journal of Physical Chemistry Letters</i> , 2014, 5, 601-606. | 2.1 | 13 |
| 68 | X-ray Crystallographic, Multifrequency Electron Paramagnetic Resonance, and Density Functional Theory Characterization of the Ni(P ^{Cy}) ₂ N ^t Bu ₂) ₂ ⁿ + Hydrogen Oxidation Catalyst in the Ni(I) Oxidation State. <i>Inorganic Chemistry</i> , 2015, 54, 6226-6234. | 1.9 | 13 |
| 69 | Surface immobilized copper(<i>scpi</i>) diimine photosensitizers as molecular probes for elucidating the effects of confinement at interfaces for solar energy conversion. <i>Chemical Communications</i> , 2020, 56, 12130-12133. | 2.2 | 13 |
| 70 | High-frequency EPR approach to the electron spin-polarization effects observed in the photosynthetic reaction centers. <i>Applied Magnetic Resonance</i> , 2001, 21, 311-323. | 0.6 | 12 |
| 71 | Time-Resolved High-Frequency and Multifrequency EPR Studies of Spin-Correlated Radical Pairs in Photosynthetic Reaction Center Proteins. <i>Biological Magnetic Resonance</i> , 2004, , 165-206. | 0.4 | 12 |
| 72 | Light induced electron spin resonance properties of van der Waals CrX ₃ (X = Cl, I) crystals. <i>Applied Physics Letters</i> , 2020, 117, . | 1.5 | 12 |

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| 73 | Correlating conductivity and Seebeck coefficient to doping within crystalline and amorphous domains in poly(3-(methoxyethoxyethoxy)thiophene). <i>Journal of Polymer Science</i> , 2021, 59, 2797-2808. | 2.0 | 11 |
| 74 | Pulsed EPR/ENDOR Characterization of the Cu ²⁺ Surface Site in Photosynthetic Bacterial Reaction Centers. <i>Journal of Physical Chemistry B</i> , 2004, 108, 11150-11156. | 1.2 | 9 |
| 75 | Observation of bi-polarons in blends of conjugated copolymers and fullerene derivatives. <i>Physical Chemistry Chemical Physics</i> , 2011, 13, 16579. | 1.3 | 9 |
| 76 | Nuclearity effects in supported, single-site Fe(^{II}) hydrogenation pre-catalysts. <i>Dalton Transactions</i> , 2018, 47, 10842-10846. | 1.6 | 9 |
| 77 | Directionality of Electron Transfer in Type I Reaction Center Proteins: High-Frequency EPR Study of PS I with Removed Iron-Sulfur Centers. <i>Journal of Physical Chemistry B</i> , 2015, 119, 13771-13776. | 1.2 | 8 |
| 78 | Spin Signature of the C ₆₀ Fullerene Anion: A Combined X- and D-Band EPR and DFT Study. <i>Journal of Physical Chemistry Letters</i> , 2018, 9, 3915-3921. | 2.1 | 8 |
| 79 | Spin-Correlated Radical Pairs as Quantum Sensors of Bidirectional ET Mechanisms in Photosystem I. <i>Journal of Physical Chemistry B</i> , 2019, 123, 7536-7544. | 1.2 | 8 |
| 80 | Insights into the extraction of photogenerated holes from CdSe/CdS nanorods for oxidative organic catalysis. <i>Journal of Materials Chemistry A</i> , 2021, 9, 12690-12699. | 5.2 | 8 |
| 81 | High-Time Resolution Electron Paramagnetic Resonance Study of Quantum Beat Oscillations Observed in Photosynthetic Reaction Center Proteins. <i>Advances in Photosynthesis and Respiration</i> , 2008, , 305-323. | 1.0 | 8 |
| 82 | Spin-dynamics of the spin-correlated radical pair in photosystem I. Pulsed time-resolved EPR at high magnetic field. <i>Physical Chemistry Chemical Physics</i> , 2009, 11, 6750. | 1.3 | 7 |
| 83 | Spectroscopic Signatures of Photogenerated Radical Anions in Polymer-[C ₇₀]Fullerene Bulk Heterojunctions. <i>ECS Transactions</i> , 2010, 28, 3-10. | 0.3 | 7 |
| 84 | Observation of current rectification by the new bimetallic iron(^{III}) hydrophobe [Fe ₂ (L ^{N4O6})] on Au LB-molecule Au devices. <i>Dalton Transactions</i> , 2018, 47, 14352-14361. | 1.6 | 6 |
| 85 | Lithium-Ion Battery Materials as Tunable, α -Redox Non-Innocent Catalyst Supports. <i>ACS Catalysis</i> , 0, , 7233-7242. | 5.5 | 6 |
| 86 | Light-Induced Alteration of Low-Temperature Interprotein Electron Transfer between Photosystem I and Flavodoxin. <i>Biochemistry</i> , 2010, 49, 9682-9684. | 1.2 | 5 |
| 87 | Polaron and Exciton Delocalization in Oligomers of High-Performance Polymer PTB7. <i>Journal of the American Chemical Society</i> , 2020, 142, 1359-1366. | 6.6 | 5 |
| 88 | Exploring hyperfine interactions in spin-correlated radical pairs from photosynthetic proteins: High-frequency ENDOR and quantum beat oscillations. <i>Applied Magnetic Resonance</i> , 2007, 31, 123-143. | 0.6 | 4 |
| 89 | Reactivity of bio-inspired Cu(II) (N ₂ /Py ₂) complexes with peroxide at room temperature. <i>Journal of Inorganic Biochemistry</i> , 2019, 197, 110674. | 1.5 | 4 |
| 90 | Interprotein electron transfer biohybrid system for photocatalytic H ₂ production. <i>Photosynthesis Research</i> , 2020, 143, 183-192. | 1.6 | 4 |

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| 91 | Replacing Pyridine with Pyrazine in Molecular Cobalt Catalysts: Effects on Electrochemical Properties and Aqueous H ₂ Generation. <i>Catalysts</i> , 2021, 11, 75. | 1.6 | 4 |
| 92 | Structure-Transport Properties Governing the Interplay in Humidity-Dependent Mixed Ionic and Electronic Conduction of Conjugated Polyelectrolytes. <i>ACS Polymers Au</i> , 2022, 2, 275-286. | 1.7 | 4 |
| 93 | Quantum Sensing of Electron Transfer Pathways in Natural Photosynthesis Using Time-Resolved High-Field Electron Paramagnetic Resonance/Electron-Nuclear Double Resonance Spectroscopy. <i>Journal of Physical Chemistry B</i> , 2021, 125, 4025-4030. | 1.2 | 3 |
| 94 | Spin-correlated radical pairs: the differential effect in high-field ENDOR spectra. <i>Applied Magnetic Resonance</i> , 2006, 30, 269-286. | 0.6 | 2 |
| 95 | Charge Transfer: Electronic Structure of Fullerene Heterodimer in Bulk-Heterojunction Blends (Adv.) <i>Tj ETQq1 1 0,784314 rgBT /Ov</i> | 10.2 | 2 |
| 96 | Intramolecular Hydrogen Bonding Restricts Gd-Ligand Dynamics. <i>Angewandte Chemie</i> , 2017, 129, 5695-5698. | 1.6 | 2 |
| 97 | High-Field EPR Studies of Electron Transfer Intermediates in Photosystem I. , 2006, , 339-360. | | 2 |
| 98 | Biohybrid photosynthetic charge accumulation detected by flavin semiquinone formation in ferredoxin-NADP ⁺ reductase. <i>Chemical Science</i> , 2022, 13, 6502-6511. | 3.7 | 2 |
| 99 | Donor-Acceptor Conjugated Copolymers Containing Transition-Metal Complex: Intrachain Magnetic Exchange Interactions and Magneto-Optical Activity. <i>Chemistry of Materials</i> , 0, , . | 3.2 | 2 |
| 100 | One Electron Multiple Proton Transfer in Model Organic Donor-Acceptor Systems: Implications for High-Frequency EPR. <i>Applied Magnetic Resonance</i> , 2020, 51, 977-991. | 0.6 | 1 |
| 101 | D-Band EPR and ENDOR Spectroscopy of ¹⁵ N-Labeled Photosystem I. <i>Applied Magnetic Resonance</i> , 0, , 1. | 0.6 | 1 |
| 102 | The Surface Metal Site in <i>B. viridis</i> Photosynthetic Bacterial Reaction Centers: Cu ²⁺ as a Probe of Structure, Location, and Flexibility. <i>Applied Magnetic Resonance</i> , 2010, 38, 1-17. | 0.6 | 0 |
| 103 | Spectroscopic Signatures of Photogenerated Radical Anions in Polymer-[70]Fullerene Bulk-Heterojunctions. <i>ECS Meeting Abstracts</i> , 2010, , . | 0.0 | 0 |
| 104 | Organic Photovoltaics: Charge Transfer Processes in OPV Materials as Revealed by EPR Spectroscopy (Adv. Energy Mater. 10/2017). <i>Advanced Energy Materials</i> , 2017, 7, . | 10.2 | 0 |
| 105 | Probing Wave Functions of Electrically Active Shallow Level Defects by Means of High-Frequency Pulsed ENDOR in Wide Bandgap Materials: SiC, AlN, ZnO, and AgCl. <i>Applied Magnetic Resonance</i> , 0, , 1. | 0.6 | 0 |
| 106 | Protein Environments and Electron Transfer Processes Probed with High-Frequency ENDOR. <i>Advances in Photosynthesis and Respiration</i> , 2009, , 953-973. | 1.0 | 0 |