

Charles P Scholes

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7511797/publications.pdf>

Version: 2024-02-01

22
papers

988
citations

623734

14
h-index

677142

22
g-index

22
all docs

22
docs citations

22
times ranked

1303
citing authors

#	ARTICLE	IF	CITATIONS
1	Exchangeable proton ENDOR as a probe of the redox-active iron center in activated bleomycin and ferric bleomycin. Dalton Transactions, 2017, 46, 13263-13272.	3.3	3
2	Purple Fibrils: A New Type of Protein Chromophore. Journal of the American Chemical Society, 2017, 139, 9755-9758.	13.7	11
3	Pulse Dipolar ESR of Doubly Labeled Mini TAR DNA and Its Annealing to Mini TAR RNA. Biophysical Journal, 2015, 108, 893-902.	0.5	6
4	Porphyrinâ€‘phospholipid liposomes permeabilized by near-infrared light. Nature Communications, 2014, 5, 3546.	12.8	282
5	EPRâ€‘ENDOR Characterization of (¹⁷ O, ¹ H, ² H) Water in Manganese Catalase and Its Relevance to the Oxygen-Evolving Complex of Photosystem II. Journal of the American Chemical Society, 2012, 134, 1504-1512.	13.7	80
6	The Role of Arginine-127 at the Proximal NO-Binding Site in Determining the Electronic Structure and Function of 5-Coordinate NO-Heme in Cytochrome <i>c</i> of <i>Rhodobacter sphaeroides</i> . Biochemistry, 2009, 48, 8985-8993.	2.5	8
7	Anisotropic Fermi Couplings Due to Large Unquenched Orbital Angular Momentum: Q-Band ¹ H, ¹⁴ N, and ¹¹ B ENDOR of Bis(trispyrazolylborate) Cobalt(II). Journal of the American Chemical Society, 2009, 131, 10421-10429.	13.7	26
8	Cryogenic Photolysis of Activated Bleomycin to Ferric Bleomycin. Journal of Physical Chemistry B, 2006, 110, 20702-20709.	2.6	4
9	Method of Rapid Mix EPR Applied to the Folding of Biâ€‘Spin-Labeled Protein as a Probe for the Dynamic Onset of Interaction between Sequentially Distant Side Chainsâ€‘. Journal of Physical Chemistry B, 2004, 108, 9463-9468.	2.6	8
10	Catalytic Function and Local Proton Structure at the Type 2 Copper of Nitrite Reductase: The Correlation of Enzymatic pH Dependence, Conserved Residues, and Proton Hyperfine Structureâ€‘. Biochemistry, 2002, 41, 7464-7474.	2.5	61
11	Characterization of a member of the NnrR regulon in <i>Rhodobacter sphaeroides</i> 2.4.3 encoding a haemâ€‘copper protein The GenBank accession number for nnrS is U62403.. Microbiology (United) Tj ETQq1 1 0.784314 rg35/Overl	2.5	35
12	ENDOR Determination of the Distance between Bleomycin-Bound Iron and 19F of 2â€‘-Fluorocytidine in a DNA Target Sequence. Journal of the American Chemical Society, 2001, 123, 12742-12743.	13.7	4
13	Q-Band ENDOR (Electron Nuclear Double Resonance) of the High-Affinity Ubisemiquinone Center in Cytochromebo3fromEscherichia coliâ€‘. Biochemistry, 2000, 39, 3169-3175.	2.5	31
14	Q-Band ENDOR (Electron Nuclear Double Resonance) of the Hemeo3Liganding Environment at the Binuclear Center in Cytochromebo3fromEscherichia coli. Journal of the American Chemical Society, 2000, 122, 8712-8716.	13.7	12
15	Q-band Electron Nuclear Double Resonance of Ferric Bleomycin and Activated Bleomycin Complexes with DNA: Fe(III) Hyperfine Interaction with31P and DNA-Induced Perturbation to Bleomycin Structure. Journal of the American Chemical Society, 1998, 120, 1030-1033.	13.7	26
16	Spectroscopic, Kinetic, and Electrochemical Characterization of Heterologously Expressed Wild-Type and Mutant Forms of Copper-Containing Nitrite Reductase fromRhodobacter sphaeroides2.4.3â€‘. Biochemistry, 1998, 37, 6086-6094.	2.5	107
17	Electronic Structural Information from Q-Band ENDOR on the Type 1 and Type 2 Copper Liganding Environment in Wild-Type and Mutant Forms of Copper-Containing Nitrite Reductaseâ€‘. Biochemistry, 1998, 37, 6095-6105.	2.5	66
18	Kinetics and Motional Dynamics of Spin-Labeled Yeast Iso-1-cytochrome c: Stopped-Flow Electron Paramagnetic Resonance as a Probe for Protein Folding/Unfolding of the C-Terminal Helix Spin-Labeled at Cysteine 102. Biochemistry, 1997, 36, 2884-2897.	2.5	63

#	ARTICLE	IF	CITATIONS
19	X-Band ENDOR of the Liganding Environment from the Radical X Intermediate of Escherichia coli Ribonucleotide Reductase. Inorganic Chemistry, 1996, 35, 3702-3705.	4.0	22
20	Tunable Q-band resonator for low temperature electron paramagnetic resonance/electron nuclear double resonance measurements. Review of Scientific Instruments, 1996, 67, 2134-2138.	1.3	47
21	Iron Coordination of Activated Bleomycin Probed by Q- and X-Band ENDOR: Hyperfine Coupling to Activated ¹⁷ O Oxygen, ¹⁴ N, and Exchangeable ¹ H. Journal of the American Chemical Society, 1995, 117, 7508-7512.	13.7	41
22	Dielectric resonator-based stopped-flow electron paramagnetic resonance. Review of Scientific Instruments, 1994, 65, 68-74.	1.3	41