

# Charles P Scholes

## List of Publications by Year in descending order

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22  
papers

988  
citations

623188

14  
h-index

676716

22  
g-index

22  
all docs

22  
docs citations

22  
times ranked

1303  
citing authors

#	ARTICLE	IF	CITATIONS
1	Porphyrinâ€“phospholipid liposomes permeabilized by near-infrared light. Nature Communications, 2014, 5, 3546.	5.8	282
2	Spectroscopic, Kinetic, and Electrochemical Characterization of Heterologously Expressed Wild-Type and Mutant Forms of Copper-Containing Nitrite Reductase from <i>Rhodobacter sphaeroides</i> 2.4.3â€“. Biochemistry, 1998, 37, 6086-6094.	1.2	107
3	EPRâ€“ENDOR Characterization of ( <sup>17</sup> O, <sup>1</sup> H, <sup>2</sup> 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.	6.6	80
4	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.	1.2	66
5	Kinetics and Motional Dynamics of Spin-Labeled Yeast Iso-1-cytochrome c:â€“1. 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.	1.2	63
6	Catalytic Function and Local Proton Structure at the Type 2 Copper of Nitrite Reductase:â€“ The Correlation of Enzymatic pH Dependence, Conserved Residues, and Proton Hyperfine Structureâ€“. Biochemistry, 2002, 41, 7464-7474.	1.2	61
7	Tunable Qâ€“band resonator for low temperature electron paramagnetic resonance/electron nuclear double resonance measurements. Review of Scientific Instruments, 1996, 67, 2134-2138.	0.6	47
8	Dielectric resonatorâ€“based stoppedâ€“flow electron paramagnetic resonance. Review of Scientific Instruments, 1994, 65, 68-74.	0.6	41
9	Iron Coordination of Activated Bleomycin Probed by Q- and X-Band ENDOR: Hyperfine Coupling to Activated <sup>17</sup> O Oxygen, <sup>14</sup> N, and Exchangeable <sup>1</sup> H. Journal of the American Chemical Society, 1995, 117, 7508-7512.	6.6	41
10	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 Kingdom) 137 / Overlook 10 Tf 5	0.5	10
11	Q-Band ENDOR (Electron Nuclear Double Resonance) of the High-Affinity Ubisemiquinone Center in Cytochrome b <sub>3</sub> from <i>Escherichia coli</i> â€“. Biochemistry, 2000, 39, 3169-3175.	1.2	31
12	Q-band Electron Nuclear Double Resonance of Ferric Bleomycin and Activated Bleomycin Complexes with DNA:â€“ Fe(III) Hyperfine Interaction with <sup>31</sup> P and DNA-Induced Perturbation to Bleomycin Structure. Journal of the American Chemical Society, 1998, 120, 1030-1033.	6.6	26
13	Anisotropic Fermi Couplings Due to Large Unquenched Orbital Angular Momentum: Q-Band <sup>1</sup> H, <sup>14</sup> N, and <sup>11</sup> B ENDOR of Bis(trispyrazolylborate) Cobalt(II). Journal of the American Chemical Society, 2009, 131, 10421-10429.	6.6	26
14	X-Band ENDOR of the Liganding Environment from the Radical X Intermediate of <i>Escherichia coli</i> Ribonucleotide Reductase. Inorganic Chemistry, 1996, 35, 3702-3705.	1.9	22
15	Q-Band ENDOR (Electron Nuclear Double Resonance) of the Hemeo <sub>3</sub> Liganding Environment at the Binuclear Center in Cytochrome b <sub>3</sub> from <i>Escherichia coli</i> . Journal of the American Chemical Society, 2000, 122, 8712-8716.	6.6	12
16	Purple Fibrils: A New Type of Protein Chromophore. Journal of the American Chemical Society, 2017, 139, 9755-9758.	6.6	11
17	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.	1.2	8
18	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 c<sub>1</sub>â€“2 of <i>Rhodobacter sphaeroides</i> <sub>2</sub>. Biochemistry, 2009, 48, 8985-8993.	1.2	8

#	ARTICLE	IF	CITATIONS
19	Pulse Dipolar ESR of Doubly Labeled Mini TAR DNA and Its Annealing to Mini TAR RNA. Biophysical Journal, 2015, 108, 893-902.	0.2	6
20	ENDOR Determination of the Distance between Bleomycin-Bound Iron and 19F of 2-Fluorocytidine in a DNA Target Sequence. Journal of the American Chemical Society, 2001, 123, 12742-12743.	6.6	4
21	Cryogenic Photolysis of Activated Bleomycin to Ferric Bleomycin. Journal of Physical Chemistry B, 2006, 110, 20702-20709.	1.2	4
22	Exchangeable proton ENDOR as a probe of the redox-active iron center in activated bleomycin and ferric bleomycin. Dalton Transactions, 2017, 46, 13263-13272.	1.6	3