

# Charles P Scholes

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

22  
papers

892  
citations

14  
h-index

22  
g-index

22  
ext. papers

943  
ext. citations

7.7  
avg, IF

3.18  
L-index

#	Paper	IF	Citations
22	Exchangeable proton ENDOR as a probe of the redox-active iron center in activated bleomycin and ferric bleomycin. <i>Dalton Transactions</i> , <b>2017</b> , 46, 13263-13272	4.3	3
21	Purple Fibrils: A New Type of Protein Chromophore. <i>Journal of the American Chemical Society</i> , <b>2017</b> , 139, 9755-9758	16.4	7
20	Pulse dipolar ESR of doubly labeled mini TAR DNA and its annealing to mini TAR RNA. <i>Biophysical Journal</i> , <b>2015</b> , 108, 893-902	2.9	5
19	Porphyrin-phospholipid liposomes permeabilized by near-infrared light. <i>Nature Communications</i> , <b>2014</b> , 5, 3546	17.4	238
18	EPR-ENDOR characterization of (17O, 1H, 2H) water in manganese catalase and its relevance to the oxygen-evolving complex of photosystem II. <i>Journal of the American Chemical Society</i> , <b>2012</b> , 134, 1504-1512	16.4	76
17	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 caof Rhodobacter sphaeroides. <i>Biochemistry</i> , <b>2009</b> , 48, 8985-93	3.2	8
16	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). <i>Journal of the American Chemical Society</i> , <b>2009</b> , 131, 10421-9	16.4	22
15	Cryogenic photolysis of activated bleomycin to ferric bleomycin. <i>Journal of Physical Chemistry B</i> , <b>2006</b> , 110, 20702-9	3.4	4
14	Method of Rapid Mix EPR Applied to the Folding of BiSpin-Labeled Protein as a Probe for the Dynamic Onset of Interaction between Sequentially Distant Side Chains. <i>Journal of Physical Chemistry B</i> , <b>2004</b> , 108, 9463-9468	3.4	8
13	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 structure. <i>Biochemistry</i> , <b>2002</b> , 41, 7464-74	3.2	54
12	Characterization of a member of the NnrR regulon in Rhodobacter sphaeroides 2.4.3 encoding a haem-copper protein. <i>Microbiology (United Kingdom)</i> , <b>2002</b> , 148, 825-833	2.9	37
11	ENDOR determination of the distance between bleomycin-bound iron and 19F of 2afluorocytidine in a DNA target sequence. <i>Journal of the American Chemical Society</i> , <b>2001</b> , 123, 12742-3	16.4	3
10	Q-band ENDOR (electron nuclear double resonance) of the high-affinity ubisemiquinone center in cytochrome bo3 from Escherichia coli. <i>Biochemistry</i> , <b>2000</b> , 39, 3169-75	3.2	31
9	Q-Band ENDOR (Electron Nuclear Double Resonance) of the Heme o3 Liganding Environment at the Binuclear Center in Cytochrome bo3 from Escherichia coli. <i>Journal of the American Chemical Society</i> , <b>2000</b> , 122, 8712-8716	16.4	12
8	Q-band Electron Nuclear Double Resonance of Ferric Bleomycin and Activated Bleomycin Complexes with DNA: Fe(III) Hyperfine Interaction with 31P and DNA-Induced Perturbation to Bleomycin Structure. <i>Journal of the American Chemical Society</i> , <b>1998</b> , 120, 1030-1033	16.4	23
7	Spectroscopic, kinetic, and electrochemical characterization of heterologously expressed wild-type and mutant forms of copper-containing nitrite reductase from Rhodobacter sphaeroides 2.4.3. <i>Biochemistry</i> , <b>1998</b> , 37, 6086-94	3.2	95
6	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 reductase. <i>Biochemistry</i> , <b>1998</b> , 37, 6095-105	3.2	59

5	Kinetics and motional dynamics of spin-labeled yeast iso-1-cytochrome c: 1. Stopped-flow electron paramagnetic resonance as a probe for protein folding/unfolding of the C-terminal helix spin-labeled at cysteine 102. <i>Biochemistry</i> , <b>1997</b> , 36, 2884-97	3.2	60
4	X-Band ENDOR of the Liganding Environment from the Radical X Intermediate of Escherichia coli Ribonucleotide Reductase. <i>Inorganic Chemistry</i> , <b>1996</b> , 35, 3702-3705	5.1	19
3	Tunable Q-band resonator for low temperature electron paramagnetic resonance/electron nuclear double resonance measurements. <i>Review of Scientific Instruments</i> , <b>1996</b> , 67, 2134-2138	1.7	47
2	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. <i>Journal of the American Chemical Society</i> , <b>1995</b> , 117, 7508-7512	16.4	40
1	Dielectric resonator-based stopped-flow electron paramagnetic resonance. <i>Review of Scientific Instruments</i> , <b>1994</b> , 65, 68-74	1.7	41