

# Eric D A Stemp

## List of Publications by Year in descending order

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12  
papers

995  
citations

840776

11  
h-index

1199594

12  
g-index

13  
all docs

13  
docs citations

13  
times ranked

980  
citing authors

#	ARTICLE	IF	CITATIONS
1	Extracellular DNA Promotes Efficient Extracellular Electron Transfer by Pyocyanin in <i>Pseudomonas aeruginosa</i> Biofilms. <i>Cell</i> , 2020, 182, 919-932.e19.	28.9	166
2	Evidence of Electron Transfer from Peptides to DNA: $\text{O}_2$ Oxidation of DNA-Bound Tryptophan Using the Flash-Quench Technique. <i>Journal of the American Chemical Society</i> , 2000, 122, 1-7.	13.7	149
3	$\text{Os}(\text{phen})_2\text{dppz}^{2+}$ in Photoinduced DNA-Mediated Electron Transfer Reactions. <i>Journal of the American Chemical Society</i> , 1996, 118, 5236-5244.	13.7	131
4	Protein-DNA charge transport: Redox activation of a DNA repair protein by guanine radical. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2005, 102, 3546-3551.	7.1	120
5	Direct Observation of Radical Intermediates in Protein-Dependent DNA Charge Transport. <i>Journal of the American Chemical Society</i> , 2001, 123, 4400-4407.	13.7	96
6	Cytochrome c peroxidase binds two molecules of cytochrome c: Evidence for a low-affinity, electron-transfer-active site on cytochrome c peroxidase. <i>Biochemistry</i> , 1993, 32, 10848-10865.	2.5	87
7	Electron transfer between metallointercalators bound to DNA: Spectral identification of the transient intermediate. <i>Journal of the American Chemical Society</i> , 1995, 117, 2375-2376.	13.7	77
8	DNA-Protein Cross-Linking from Oxidation of Guanine via the Flash-Quench Technique. <i>Journal of the American Chemical Society</i> , 2000, 122, 3585-3594.	13.7	53
9	DNA-Protein Cross-Linking via Guanine Oxidation: Dependence upon Protein and Photosensitizer. <i>Biochemistry</i> , 2003, 42, 10269-10281.	2.5	51
10	The Flash-Quench Technique in Protein-DNA Electron Transfer: Reduction of the Guanine Radical by Ferrocyanide. <i>Inorganic Chemistry</i> , 2000, 39, 3868-3874.	4.0	43
11	Dependence of DNA-Protein Cross-Linking via Guanine Oxidation upon Local DNA Sequence As Studied by Restriction Endonuclease Inhibition. <i>Biochemistry</i> , 2012, 51, 362-369.	2.5	14
12	Glutathione Directly Intercepts DNA Radicals To Inhibit Oxidative DNA-Protein Cross-Linking Induced by the One-Electron Oxidation of Guanine. <i>Biochemistry</i> , 2019, 58, 4621-4631.	2.5	6