

T George Truscott

List of Publications by Year in descending order

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Version: 2024-02-01

24
papers

1,819
citations

430874

18
h-index

610901

24
g-index

24
all docs

24
docs citations

24
times ranked

1787
citing authors

#	ARTICLE	IF	CITATIONS
1	Carotenoid radical chemistry and antioxidant/pro-oxidant properties. Archives of Biochemistry and Biophysics, 2004, 430, 37-48.	3.0	493
2	Singlet oxygen quenching by dietary carotenoids in a model membrane environment. Archives of Biochemistry and Biophysics, 2003, 412, 47-54.	3.0	251
3	Carotenoids Enhance Vitamin E Antioxidant Efficiency. Journal of the American Chemical Society, 1997, 119, 621-622.	13.7	239
4	Relative One-Electron Reduction Potentials of Carotenoid Radical Cations and the Interactions of Carotenoids with the Vitamin E Radical Cation. Journal of the American Chemical Society, 1998, 120, 4087-4090.	13.7	122
5	Singlet Oxygen and Free Radical Reactions of Retinoids and Carotenoids—A Review. Antioxidants, 2018, 7, 5.	5.1	115
6	The Benefits and Risks of Certain Dietary Carotenoids that Exhibit both Anti- and Pro-Oxidative Mechanisms—A Comprehensive Review. Antioxidants, 2020, 9, 264.	5.1	92
7	Interactions of dietary carotenoids with activated (singlet) oxygen and free radicals: Potential effects for human health. Molecular Nutrition and Food Research, 2012, 56, 205-216.	3.3	90
8	THERMAL-SENSING AND PHOSPHORESCENCE STUDIES OF THE QUANTUM YIELD AND LIFETIME OF SINGLET MOLECULAR OXYGEN (1O_2) SENSITIZED BY HEMATOPORPHYRIN AND RELATED PORPHYRINS IN DEUTERATED AND NON-DEUTERATED ETHANOLS. Photochemistry and Photobiology, 1987, 45, 209-213.	2.5	57
9	Absorption spectra of radical ions of polyenes of biological interest. Journal of the Chemical Society Faraday Transactions I, 1977, 73, 416.	1.0	56
10	Pulse radiolysis study of the interaction of retinoids with peroxy radicals. Free Radical Biology and Medicine, 2005, 39, 1399-1405.	2.9	40
11	SULFONATED PHTHALIMIDOMETHYL ALUMINUM PHTHALOCYANINE: THE EFFECT OF HYDROPHOBIC SUBSTITUENTS ON THE in vitro PHOTOTOXICITY OF PHTHALOCYANINES. Photochemistry and Photobiology, 1991, 53, 323-327.	2.5	36
12	In vitro Fluence Rate Effects in Photodynamic Reactions with AlPcS4as Sensitizer. Photochemistry and Photobiology, 1997, 66, 860-865.	2.5	34
13	Are dietary carotenoids beneficial? Reactions of carotenoids with oxy-radicals and singlet oxygen. Photochemical and Photobiological Sciences, 2004, 3, 802.	2.9	33
14	On the Interaction of Anisyl-3,4-Semiquinone with Oxygen. Free Radical Research Communications, 1987, 4, 131-138.	1.8	23
15	Absorption spectra of radical ions of polyenones of biological interest. Journal of the Chemical Society Faraday Transactions I, 1978, 74, 538.	1.0	21
16	The Reactive Oxygen Species Singlet Oxygen, Hydroxy Radicals, and the Superoxide Radical Anion—Examples of Their Roles in Biology and Medicine. Oxygen, 2021, 1, 77-95.	5.0	20
17	Carotenoid Radical Anions and Their Protonated Derivatives. Organic Letters, 2006, 8, 4255-4258.	4.6	19
18	QUANTUM YIELDS OF TRIPLET FORMATION OF SOME DERIVATIVES OF ANTHRAQUINONE. Photochemistry and Photobiology, 1979, 29, 395-397.	2.5	18

#	ARTICLE	IF	CITATIONS
19	PHOTOCHEMISTRY OF BENZOTHAZOLE MODELS OF PHEOMELANIN. Photochemistry and Photobiology, 1984, 39, 5-10.	2.5	17
20	Carotenoid Radical-Melanin Interactions. Journal of Physical Chemistry B, 2000, 104, 7193-7196.	2.6	11
21	Scavenging of Retinoid Cation Radicals by Urate, Trolox, and $\hat{\alpha}$ -, $\hat{\beta}$ -, $\hat{\gamma}$ -, and $\hat{\delta}$ -Tocopherols. International Journal of Molecular Sciences, 2019, 20, 2799.	4.1	11
22	Anti- and pro-oxidative mechanisms comparing the macular carotenoids zeaxanthin and lutein with other dietary carotenoids - a singlet oxygen, free-radical in vitro and ex vivo study. Photochemical and Photobiological Sciences, 2020, 19, 1001-1009.	2.9	11
23	Laser Flash Photolysis Studies of the UVA Sunscreen Mexoryl SX. Photochemistry and Photobiology, 1999, 70, 292-297.	2.5	6
24	COVID-19 and the ethnicity link - is there a photochemical link?. Photochemical and Photobiological Sciences, 2021, 20, 183-188.	2.9	4