

Andrew J Young

List of Publications by Year in descending order

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28
papers

2,957
citations

331670

21
h-index

526287

27
g-index

28
all docs

28
docs citations

28
times ranked

2170
citing authors

#	ARTICLE	IF	CITATIONS
1	Control of the light harvesting function of chloroplast membranes by aggregation of the LHCII chlorophyll-protein complex. <i>FEBS Letters</i> , 1991, 292, 1-4.	2.8	441
2	Photophysics of the carotenoids associated with the xanthophyll cycle in photosynthesis. <i>Photosynthesis Research</i> , 1994, 41, 389-395.	2.9	392
3	The Effects of Illumination on the Xanthophyll Composition of the Photosystem II Light-Harvesting Complexes of Spinach Thylakoid Membranes. <i>Plant Physiology</i> , 1994, 104, 227-234.	4.8	240
4	Induction of Nonphotochemical Energy Dissipation and Absorbance Changes in Leaves (Evidence for) <i>Tj ETQq0 0 0 rgBT /Overlock 10 Tf</i> 102, 741-750.	4.8	226
5	Energy transfer reactions involving carotenoids: quenching of chlorophyll fluorescence. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 1996, 36, 3-15.	3.8	193
6	Lycopene and β -carotene protect against oxidative damage in HT29 cells at low concentrations but rapidly lose this capacity at higher doses. <i>Free Radical Research</i> , 1999, 30, 141-151.	3.3	183
7	The relationship between zeaxanthin, energy-dependent quenching of chlorophyll fluorescence, and trans-thylakoid pH gradient in isolated chloroplasts. <i>Biochimica Et Biophysica Acta - Bioenergetics</i> , 1991, 1057, 320-330.	1.0	177
8	Carotenoids's Antioxidant Properties. <i>Antioxidants</i> , 2018, 7, 28.	5.1	174
9	Dynamic Properties of the Minor Chlorophyll a/b Binding Proteins of Photosystem II, an in Vitro Model for Photoprotective Energy Dissipation in the Photosynthetic Membrane of Green Plants. <i>Biochemistry</i> , 1996, 35, 674-678.	2.5	125
10	Modulation of chlorophyll fluorescence quenching in isolated light harvesting complex of Photosystem II. <i>Biochimica Et Biophysica Acta - Bioenergetics</i> , 1994, 1186, 123-127.	1.0	102
11	Photosynthetic Acclimation to Light Regime and Water Stress by the C3 - CAM Epiphyte <i>Guzmania monostachia</i> : Gas-Exchange Characteristics, Photochemical Efficiency and the Xanthophyll Cycle. <i>Functional Ecology</i> , 1994, 8, 746.	3.6	80
12	pH dependent chlorophyll fluorescence quenching in spinach thylakoids from light treated or dark adapted leaves. <i>Photosynthesis Research</i> , 1992, 31, 11-19.	2.9	79
13	Utilization of natural and synthetic sources of carotenoids in the skin pigmentation of gilthead seabream (<i>Sparus aurata</i>). <i>European Food Research and Technology</i> , 2002, 214, 287-293.	3.3	77
14	Carotenoids in the sea urchin <i>Paracentrotus lividus</i> : Occurrence of 9-cis-echinenone as the dominant carotenoid in gonad colour determination. <i>Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology</i> , 2007, 148, 432-444.	1.6	70
15	Quenching of chlorophyll fluorescence in the major light-harvesting complex of photosystem II: a systematic study of the effect of carotenoid structure. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1996, 93, 1492-1497.	7.1	64
16	Occurrence of the carotenoid luteoxanthin in higher plant LHC II. <i>Photosynthesis Research</i> , 1995, 43, 273-282.	2.9	57
17	The Binding of Xanthophylls to the Bulk Light-harvesting Complex of Photosystem II of Higher Plants. <i>Journal of Biological Chemistry</i> , 2002, 277, 25160-25169.	3.4	53
18	Carotenoids in the gonad and gut of the edible sea urchin <i>Psammechinus miliaris</i> . <i>Aquaculture</i> , 2009, 288, 120-125.	3.5	42

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19	Exposure to Low Irradiances Favors the Synthesis of 9-cis β , β -Carotene in <i>Dunaliella salina</i> (Teod.). <i>Plant Physiology</i> , 2000, 122, 609-618.	4.8	41
20	Carotenoid Composition and Antioxidant Potential in Subfractions of Human Low-Density Lipoprotein. <i>Annals of Clinical Biochemistry</i> , 1999, 36, 323-332.	1.6	38
21	Light-induced formation of 13-cis violaxanthin in leaves of <i>Hordeum vulgare</i> . <i>Journal of Photochemistry and Photobiology B: Biology</i> , 1999, 49, 89-95.	3.8	26
22	Regulation of the Structure and Function of the Light Harvesting Complexes of Photosystem II by the Xanthophyll Cycle. , 1999, , 271-291.		24
23	Biodiversity and climate change: Risks to dwarf succulents in Southern Africa. <i>Journal of Arid Environments</i> , 2016, 129, 16-24.	2.4	18
24	The degradation of (all-E)- β -carotene by cigarette smoke. <i>Free Radical Research</i> , 2009, 43, 280-286.	3.3	11
25	The distribution of the dwarf succulent genus <i>Conophytum</i> N.E.Br. (Aizoaceae) in southern Africa. <i>Bothalia</i> , 2016, 46, .	0.3	11
26	Title is missing!. <i>Photosynthesis Research</i> , 1998, 56, 255-264.	2.9	9
27	A Possible Indicator of Oxidative Damage in Smokers: (13Z)-Lycopene?. <i>Antioxidants</i> , 2017, 6, 69.	5.1	3
28	<i>Conophytum crateriforme</i> - a new dumpling from Namaqualand. <i>Bradleya</i> , 2015, 33, 52-57.	0.3	1