

Jean W H Yong

List of Publications by Year in descending order

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96
papers

5,480
citations

109137

35
h-index

88477

70
g-index

99
all docs

99
docs citations

99
times ranked

6646
citing authors

#	ARTICLE	IF	CITATIONS
1	Ethological evidence of adaptive predation of Oriental Pied Hornbill (<i>Anthracoceros albirostris</i>) on farmed swiftlet (<i>Aerodramus</i> spp.) in Kalabakan, Sabah, Malaysia. <i>Acta Ecologica Sinica</i> , 2022, 42, 255-258.	0.9	1
2	Restoration ecophysiology: an ecophysiological approach to improve restoration strategies and outcomes in severely disturbed landscapes. <i>Restoration Ecology</i> , 2022, 30, e13571.	1.4	11
3	Microbial inoculation to improve plant performance in mine-waste substrates: A test using pigeon pea (<i>Cajanus cajan</i>). <i>Land Degradation and Development</i> , 2022, 33, 497-511.	1.8	15
4	OBITUARY Dr. Ong Jin Eong (August 28, 1943–August 5, 2021). <i>Estuarine, Coastal and Shelf Science</i> , 2022, 266, 107746.	0.9	0
5	Growing together gives more rice and aquatic food. <i>ELife</i> , 2022, 11, .	2.8	2
6	Frass derived from black soldier fly larvae treatment of biodegradable wastes. A critical review and future perspectives. <i>Waste Management</i> , 2022, 142, 65-76.	3.7	55
7	Harnessing Synergistic Biostimulatory Processes: A Plausible Approach for Enhanced Crop Growth and Resilience in Organic Farming. <i>Biology</i> , 2022, 11, 41.	1.3	23
8	Mycorrhizal symbiosis reprograms ion fluxes and fatty acid metabolism in wild jujube during salt stress. <i>Plant Physiology</i> , 2022, 189, 2481-2499.	2.3	12
9	GROWTH RESPONSE OF <i>Heritiera simplicifolia</i> (Mast.) Kosterm. AND <i>Scaphium macropodum</i> (Miq.) Beumée ex Heyne DUE TO ABIOTIC FACTORS IN THE NURSERY. , 2022, 51, 9-21.		0
10	The Significance of Chloroplast NAD(P)H Dehydrogenase Complex and Its Dependent Cyclic Electron Transport in Photosynthesis. <i>Frontiers in Plant Science</i> , 2021, 12, 661863.	1.7	20
11	Testing a global standard for quantifying species recovery and assessing conservation impact. <i>Conservation Biology</i> , 2021, 35, 1833-1849.	2.4	51
12	The Physiological Functionality of PGR5/PGRL1-Dependent Cyclic Electron Transport in Sustaining Photosynthesis. <i>Frontiers in Plant Science</i> , 2021, 12, 702196.	1.7	24
13	Integrating organic chemical-based socio-scientific issues comics into chemistry classroom: expanding chemists'™ toolbox. <i>Green Chemistry Letters and Reviews</i> , 2021, 14, 689-699.	2.1	7
14	Phosphorus-fertilisation has differential effects on leaf growth and photosynthetic capacity of <i>Arachis hypogaea</i> L.. <i>Plant and Soil</i> , 2020, 447, 99-116.	1.8	41
15	Simultaneous extraction, separation, isolation and identification of endogenous components from <i>Etilingera elatior</i> by pressurized matrix solid-phase dispersion using liquid chromatography-mass spectrometry. <i>Journal of Chromatography A</i> , 2020, 1611, 460604.	1.8	3
16	Public Perceptions of Mangrove Forests Matter for Their Conservation. <i>Frontiers in Marine Science</i> , 2020, 7, .	1.2	32
17	Exogenous Calcium Alleviates Nocturnal Chilling-Induced Feedback Inhibition of Photosynthesis by Improving Sink Demand in Peanut (<i>Arachis hypogaea</i>). <i>Frontiers in Plant Science</i> , 2020, 11, 607029.	1.7	19
18	Higher Atmospheric CO2 Levels Favor C3 Plants Over C4 Plants in Utilizing Ammonium as a Nitrogen Source. <i>Frontiers in Plant Science</i> , 2020, 11, 537443.	1.7	27

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19	Gigantic chloroplasts, including bizonoplasts, are common in shade-adapted species of the ancient vascular plant family Selaginellaceae. <i>American Journal of Botany</i> , 2020, 107, 562-576.	0.8	17
20	Glutamate over-accumulation may serve as an endogenous indicator of tricarboxylic acid (TCA) cycle suppression under NH ₄ ⁺ nutrition in wheat (<i>Triticum aestivum</i> L.) seedlings. <i>Environmental and Experimental Botany</i> , 2020, 177, 104130.	2.0	16
21	Mangrove Biogeography of the Indo-Pacific. <i>Tasks for Vegetation Science</i> , 2019, , 379-400.	0.6	18
22	Mechanisms underlying enhanced Cd translocation and tolerance in roots of <i>Populus euramericana</i> in response to nitrogen fertilization. <i>Plant Science</i> , 2019, 287, 110206.	1.7	33
23	The Bacterial Microbiome Associated With Arid Biocrusts and the Biogeochemical Influence of Biocrusts Upon the Underlying Soil. <i>Frontiers in Microbiology</i> , 2019, 10, 2143.	1.5	42
24	Supplementary Calcium Restores Peanut (<i>Arachis hypogaea</i>) Growth and Photosynthetic Capacity Under Low Nocturnal Temperature. <i>Frontiers in Plant Science</i> , 2019, 10, 1637.	1.7	42
25	<i>Pityrogramma calomelanos</i> (L.) Link: Silver fern as a copper excluder plant. <i>Tropical Plant Research</i> , 2019, 6, 338-344.	0.4	2
26	Arbuscular mycorrhizal fungi influence decomposition and the associated soil microbial community under different soil phosphorus availability. <i>Soil Biology and Biochemistry</i> , 2018, 120, 181-190.	4.2	127
27	<i>Axonopus compressus</i> (Sw.) Beauv.: A potential biomonitor for molybdenum in soil pollution. <i>International Journal of Phytoremediation</i> , 2018, 20, 1363-1368.	1.7	10
28	Leaf structure affects a plant's appearance: combined multiple-mechanisms intensify remarkable foliar variegation. <i>Journal of Plant Research</i> , 2017, 130, 311-325.	1.2	10
29	Progress and development of analytical methods for gibberellins. <i>Journal of Separation Science</i> , 2017, 40, 346-360.	1.3	8
30	The origin, diversification and adaptation of a major mangrove clade (Rhizophoraceae) revealed by whole-genome sequencing. <i>National Science Review</i> , 2017, 4, 721-734.	4.6	118
31	Analyses of Indole Compounds in Sugar Cane (<i>Saccharum officinarum</i> L.) Juice by High Performance Liquid Chromatography and Liquid Chromatography-Mass Spectrometry after Solid-Phase Extraction. <i>Separations</i> , 2017, 4, 7.	1.1	5
32	The importance of phytohormones and microbes in biostimulants: mass spectrometric evidence and their positive effects on plant growth. <i>Acta Horticulturae</i> , 2016, , 49-60.	0.1	8
33	<i>Bruguiera hainesii</i> , a critically endangered mangrove species, is a hybrid between <i>B. cylindrica</i> and <i>B. gymnorhiza</i> (Rhizophoraceae). <i>Conservation Genetics</i> , 2016, 17, 1137-1144.	0.8	12
34	Biological Functionalities of Green. , 2015, , 60-69.		0
35	Analysis of phytohormones in vermicompost using a novel combinative sample preparation strategy of ultrasound-assisted extraction and solid-phase extraction coupled with liquid chromatography-tandem mass spectrometry. <i>Talanta</i> , 2015, 139, 189-197.	2.9	61
36	An environmentally friendly approach to treat oil spill: Investigating the biodegradation of petrodiesel in the presence of different biodiesels. <i>Fuel</i> , 2015, 139, 523-528.	3.4	24

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37	The Importance of Phytohormones and Microbes in Biofertilizers. Sustainable Development and Biodiversity, 2015, , 105-158.	1.4	41
38	Global patterns of mangrove extinction risk: implications for ecosystem services and biodiversity loss. , 2014, , 15-36.		9
39	Analyses of Phytohormones in Coconut (Cocos Nucifera L.) Water Using Capillary Electrophoresis-Tandem Mass Spectrometry. Chromatography (Basel), 2014, 1, 211-226.	1.2	18
40	Mass spectrometric evidence for the occurrence of plant growth promoting cytokinins in vermicompost tea. Biology and Fertility of Soils, 2014, 50, 401-403.	2.3	49
41	Rhizobium-induced elevation in xylem cytokinin delivery in pigeonpea induces changes in shoot development and leaf physiology. Functional Plant Biology, 2014, 41, 1323.	1.1	26
42	An Invasive Plant Promotes Its Arbuscular Mycorrhizal Symbioses and Competitiveness through Its Secondary Metabolites: Indirect Evidence from Activated Carbon. PLoS ONE, 2014, 9, e97163.	1.1	37
43	Impact of biochar application on nitrogen nutrition of rice, greenhouse-gas emissions and soil organic carbon dynamics in two paddy soils of China. Plant and Soil, 2013, 370, 527-540.	1.8	187
44	Comparative systematic study of colleters and stipules of Rhizophoraceae with implications for adaptation to challenging environments. Botanical Journal of the Linnean Society, 2013, 172, 449-464.	0.8	12
45	Determination of Metabolites from <i>Scutellaria baicalensis</i> by GC/MS and ¹ H NMR. Analytical Letters, 2013, 46, 1937-1950.	1.0	8
46	Emerging green technologies for the chemical standardization of botanicals and herbal preparations. TrAC - Trends in Analytical Chemistry, 2013, 50, 1-10.	5.8	91
47	Enhanced allelopathy and competitive ability of invasive plant <i>Solidago canadensis</i> in its introduced range. Journal of Plant Ecology, 2013, 6, 253-263.	1.2	122
48	Determination of Flavonoids in <i>Costus speciosus</i> and <i>Etingera elatior</i> by Liquid Chromatography-Mass Spectrometry. Analytical Letters, 2012, 45, 345-355.	1.0	14
49	Molecular phylogeny and evidence for natural hybridization and historical introgression between <i>Cerriops</i> species (Rhizophoraceae). Biochemical Systematics and Ecology, 2012, 43, 178-191.	0.6	7
50	Legumes Can Increase Cadmium Contamination in Neighboring Crops. PLoS ONE, 2012, 7, e42944.	1.1	31
51	Metabolomics analysis of major metabolites in medicinal herbs. Analytical Methods, 2011, 3, 2898.	1.3	10
52	Determination of metabolites in <i>Uncaria sinensis</i> by HPLC and GC-MS after green solvent microwave-assisted extraction. Talanta, 2011, 83, 891-898.	2.9	43
53	Surfactant-assisted pressurized liquid extraction for determination of flavonoids from <i>Costus speciosus</i> by micellar electrokinetic chromatography. Journal of Separation Science, 2011, 34, 462-468.	1.3	23
54	Effects of root restriction on growth and associated cytokinin levels in cotton (<i>Gossypium</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf_50 62 Td (1.1	23

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55	Effect of fertilizer application on photosynthesis and oil yield of <i>Jatropha curcas</i> L.. <i>Photosynthetica</i> , 2010, 48, 208-218.	0.9	64
56	Pressurized hot water extraction (PHWE). <i>Journal of Chromatography A</i> , 2010, 1217, 2484-2494.	1.8	439
57	Arsenic hyperaccumulation by <i>Pteris vittata</i> and <i>Pityrogramma calomelanos</i> : a comparative study of uptake efficiency in arsenic-treated soils and waters. <i>Water Science and Technology</i> , 2010, 61, 3041-3049.	1.2	15
58	The Loss of Species: Mangrove Extinction Risk and Geographic Areas of Global Concern. <i>PLoS ONE</i> , 2010, 5, e10095.	1.1	969
59	A novel method of protein extraction from yeast using ionic liquid solution. <i>Talanta</i> , 2010, 81, 1861-1864.	2.9	37
60	Promotion of shoot development and tuberisation in potato by expression of a chimaeric cytokinin synthesis gene at normal and elevated CO ₂ levels. <i>Functional Plant Biology</i> , 2010, 37, 43.	1.1	24
61	Arsenic exposure from drinking water and mortality in Bangladesh. <i>Lancet, The</i> , 2010, 376, 1641-1642.	6.3	6
62	Cytokinins: Progress and Developments in Analytical Methods. , 2010, , 114-129.		1
63	Validation of green-solvent extraction combined with chromatographic chemical fingerprint to evaluate quality of <i>Stevia rebaudiana</i> Berton. <i>Journal of Separation Science</i> , 2009, 32, 613-622.	1.3	69
64	Analytical methods for cytokinins. <i>TrAC - Trends in Analytical Chemistry</i> , 2009, 28, 323-335.	5.8	58
65	Determination of nucleosides and nucleobases in different species of <i>Cordyceps</i> by capillary electrophoresis-mass spectrometry. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2009, 50, 307-314.	1.4	72
66	The Chemical Composition and Biological Properties of Coconut (<i>Cocos nucifera</i> L.) Water. <i>Molecules</i> , 2009, 14, 5144-5164.	1.7	436
67	Inhibitory effect of kinetin riboside in human heptamoia, HepG2. <i>Molecular BioSystems</i> , 2009, 5, 91-98.	2.9	18
68	On the morphology and molecular basis of segregation of <i>Ceriops zippeliana</i> and <i>C. decandra</i> (<i>Rhizophoraceae</i>) from Asia. <i>Blumea: Journal of Plant Taxonomy and Plant Geography</i> , 2009, 54, 220-227.	0.1	27
69	Separation of cytokinin isomers with a partial filling-micellar electrokinetic chromatography-mass spectrometry approach. <i>Electrophoresis</i> , 2008, 29, 2024-2032.	1.3	15
70	Analyses of gibberellins in coconut (<i>Cocos nucifera</i> L.) water by partial filling-micellar electrokinetic chromatography-mass spectrometry with reversal of electroosmotic flow. <i>Electrophoresis</i> , 2008, 29, 2126-2134.	1.3	28
71	Simultaneous analysis of different classes of phytohormones in coconut (<i>Cocos nucifera</i> L.) water using high-performance liquid chromatography and liquid chromatography-tandem mass spectrometry after solid-phase extraction. <i>Analytica Chimica Acta</i> , 2008, 610, 274-281.	2.6	177
72	Evaluation of the extraction efficiency of thermally labile bioactive compounds in <i>Gastrodia elata</i> Blume by pressurized hot water extraction and microwave-assisted extraction. <i>Journal of Chromatography A</i> , 2008, 1182, 34-40.	1.8	76

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73	Kinetin riboside preferentially induces apoptosis by modulating Bcl-2 family proteins and caspase-3 in cancer cells. <i>Cancer Letters</i> , 2008, 261, 37-45.	3.2	61
74	ISFET Biosensors for In Situ Measurement of pH in Plants. <i>HKIE Transactions</i> , 2007, 14, 18-22.	1.9	2
75	Bizonoplast, a unique chloroplast in the epidermal cells of microphylls in the shade plant <i>Selaginella erythropus</i> (Selaginellaceae). <i>American Journal of Botany</i> , 2007, 94, 1922-1929.	0.8	33
76	Determination of gastrodin and vanillyl alcohol in <i>Gastrodia elata</i> Blume by pressurized liquid extraction at room temperature. <i>Journal of Separation Science</i> , 2007, 30, 2130-2137.	1.3	28
77	Analyses of gibberellins by capillary electrophoresis-mass spectrometry combined with solid-phase extraction. <i>Journal of Chromatography A</i> , 2007, 1159, 242-249.	1.8	50
78	Analysis of cytokinin nucleotides in coconut (<i>Cocos nucifera</i> L.) water using capillary zone electrophoresis-tandem mass spectrometry after solid-phase extraction. <i>Journal of Chromatography A</i> , 2006, 1133, 322-331.	1.8	41
79	Determination of cytokinins in coconut (<i>Cocos nucifera</i> L.) water using capillary zone electrophoresis-tandem mass spectrometry. <i>Electrophoresis</i> , 2006, 27, 2171-2181.	1.3	47
80	CE for cytokinin analyses: A review. <i>Electrophoresis</i> , 2006, 27, 4779-4791.	1.3	15
81	Identification of kinetin and kinetin riboside in coconut (<i>Cocos nucifera</i> L.) water using a combined approach of liquid chromatography-tandem mass spectrometry, high performance liquid chromatography and capillary electrophoresis. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2005, 829, 26-34.	1.2	95
82	Analysis of positional isomers of hydroxylated aromatic cytokinins by micellar electrokinetic chromatography. <i>Electrophoresis</i> , 2005, 26, 1768-1777.	1.3	32
83	A protocol for in vitro germination and sustainable growth of two tropical mistletoes. <i>Plant Cell, Tissue and Organ Culture</i> , 2005, 80, 221-228.	1.2	14
84	Analysis of some cytokinins in coconut (<i>Cocos nucifera</i> L.) water by micellar electrokinetic capillary chromatography after solid-phase extraction. <i>Journal of Chromatography A</i> , 2004, 1048, 119-126.	1.8	50
85	Analysis of some cytokinins in coconut (<i>Cocos nucifera</i> L.) water by micellar electrokinetic capillary chromatography after solid-phase extraction. <i>Journal of Chromatography A</i> , 2004, 1048, 119-126.	1.8	37
86	Evaluation of models of leaf water $\delta^{18}O$ enrichment using measurements of spatial patterns of vein xylem water, leaf water and dry matter in maize leaves. <i>Plant, Cell and Environment</i> , 2003, 26, 1479-1495.	2.8	68
87	<i>Kandelia obovata</i> (Rhizophoraceae), a new mangrove species from Eastern Asia. <i>Taxon</i> , 2003, 52, 287-294.	0.4	113
88	$\delta^{18}O$ Spatial Patterns of Vein Xylem Water, Leaf Water, and Dry Matter in Cotton Leaves. <i>Plant Physiology</i> , 2002, 130, 1008-1021.	2.3	90
89	Control of axillary bud initiation and shoot architecture in <i>Arabidopsis</i> through the SUPERSHOOT gene. <i>Genes and Development</i> , 2001, 15, 1577-1588.	2.7	169
90	Effects of Elevated $[CO_2]$ and Nitrogen Nutrition on Cytokinins in the Xylem Sap and Leaves of Cotton. <i>Plant Physiology</i> , 2000, 124, 767-780.	2.3	115

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91	Effects of super-elevated CO ₂ on the growth and carboxylating enzymes in an epiphytic CAM orchid plantlet. <i>Journal of Plant Physiology</i> , 1997, 151, 129-136.	1.6	16
92	Stomatal responses to changes in vapour pressure difference between leaf and air. <i>Plant, Cell and Environment</i> , 1997, 20, 1213-1216.	2.8	64
93	Partitioning of ¹⁴ C Assimilates between Sources and Sinks During Different Growth Stages in the Sympodial Thin-Leaved Orchid <i>Oncidium Goldiana</i> . <i>International Journal of Plant Sciences</i> , 1995, 156, 188-196.	0.6	20
94	The Production of Cytokinin, Abscisic Acid and Auxin by CAM Orchid Aerial Roots. <i>Journal of Plant Physiology</i> , 1995, 147, 371-377.	1.6	19
95	The Importance of Photoassimilate Contribution from the Current Shoot and Connected Back Shoots to Inflorescence Size in the Thin-Leaved Sympodial Orchid <i>Oncidium Goldiana</i> . <i>International Journal of Plant Sciences</i> , 1995, 156, 450-459.	0.6	22
96	Growth and photosynthesis of <i>Oncidium</i> "Goldiana". <i>The Journal of Horticultural Science</i> , 1994, 69, 809-819.	0.3	37