Tina C Summerfield

List of Publications by Year
in descending order

50 papers	2,159 citations	516710 16 h-index	223800 46 g-index
51 all docs	51 docs citations	51 times ranked	1976 citing authors

#	Article	IF	Citations
1	The PsbJ protein is required for photosystem II activity in centers lacking the PsbO and PsbV lumenal subunits. Photosynthesis Research, 2022, 151, 103-111.	2.9	7
2	Feedback mechanisms stabilise degraded turf algal systems at a CO2 seep site. Communications Biology, 2021, 4, 219.	4.4	12
3	Studies of New Zealand <i>Cortinarius</i>: resolution of taxonomic conflicts in section <i>Subcastanelli</i> (Agaricales), new species and key to rozitoid species. New Zealand Journal of Botany, 2021, 59, 457-475.	1.1	4
4	Editorial: Exploring the Growing Role of Cyanobacteria in Industrial Biotechnology and Sustainability. Frontiers in Microbiology, 2021, 12, 725128.	3.5	3
5	Species turnover underpins the effect of elevated CO2 on biofilm communities through early succession. Climate Change Ecology, 2021, 2, 100017.	1.9	1
6	The PsbT protein modifies the bicarbonate-binding environment of Photosystem II. New Zealand Journal of Botany, 2020, 58, 406-421.	1.1	9
7	Homogeneous environmental selection dominates microbial community assembly in the oligotrophic South Pacific Gyre. Molecular Ecology, 2020, 29, 4680-4691.	3.9	33
8	Stabilization of Photosystem II by the PsbT protein impacts photodamage, repair and biogenesis. Biochimica Et Biophysica Acta - Bioenergetics, 2020, 1861, 148234.	1.0	29
9	A molecular-genetic reassessment of the circumscription of the lichen genus Icmadophila. Lichenologist, 2020, 52, 213-220.	0.8	1
10	The diversity and distribution of D1 proteins in cyanobacteria. Photosynthesis Research, 2020, 145, 111-128.	2.9	21
11	Effects of multiple drivers of ocean global change on the physiology and functional gene expression of the coccolithophore <i>Emiliania huxleyi</i>. Global Change Biology, 2020, 26, 5630-5645.	9.5	17
12	Fungal diversity in canopy soil of silver beech, Nothofagus menziesiiÂ(Nothofagaceae). PLoS ONE, 2020, 15, e0227860.	2.5	4
13	Subtle bacterioplankton community responses to elevated <scp>CO₂</scp> and warming in the oligotrophic South Pacific gyre. Environmental Microbiology Reports, 2020, 12, 377-386.	2.4	9
14	Purple haze: Cryptic purple sequestrate Cortinarius in New Zealand. Mycologia, 2020, 112, 588-605.	1.9	9
15	Biology and biotechnological applications of microalgae and photosynthetic prokaryotes: part 2. New Zealand Journal of Botany, 2020, 58, 275-333.	1.1	2
16	Biology and biotechnological applications of microalgae and photosynthetic prokaryotes: Part 1. New Zealand Journal of Botany, 2019, 57, 65-69.	1.1	1
17	Multiple-stressor effects of dicyandiamide (DCD) and agricultural stressors on trait-based responses of stream benthic algal communities. Science of the Total Environment, 2019, 693, 133305.	8.0	8
18	Environmental <scp>pH</scp> and a Glu364 to Gln mutation in the chlorophyllâ€binding <scp>CP</scp>47 protein affect redoxâ€active TyrD and charge recombination in Photosystem II. FEBS Letters, 2019, 593, 163-174.	2.8	1

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19	<i>Cortinarius atropileatus</i> sp. nov. (Cortinariaceae) from New Zealand. New Zealand Journal of Botany, 2019, 57, 50-61.	1.1	3
20	Introduction: proceedings of the 2015 New Zealand symposium on algae and photosynthetic prokaryotes. New Zealand Journal of Botany, 2017, 55, 1-4.	1.1	4
21	Characterization of the mating-type locus (MAT) reveals a heterothallic mating system inKnightiella splachnirima. Lichenologist, 2017, 49, 373-385.	0.8	11
22	Phenotypic variation in wild-type substrains of the model cyanobacterium<i>Synechocystis</i>sp. PCC 6803. New Zealand Journal of Botany, 2017, 55, 25-35.	1.1	13
23	Contrasting bacterial communities in two indigenous Chionochloa (Poaceae) grassland soils in New Zealand. PLoS ONE, 2017, 12, e0179652.	2.5	15
24	Mutation of Gly195 of the ChlH Subunit of Mg-chelatase Reduces Chlorophyll and Further Disrupts PS II Assembly in a Ycf48-Deficient Strain of Synechocystis sp. PCC 6803. Frontiers in Plant Science, 2016, 7, 1060.	3.6	9
25	Environmental pH and the Requirement for the Extrinsic Proteins of Photosystem II in the Function of Cyanobacterial Photosynthesis. Frontiers in Plant Science, 2016, 7, 1135.	3.6	6
26	Characterization of the cyanobacteria and associated bacterial community from an ephemeral wetland in New Zealand. Journal of Phycology, 2016, 52, 761-773.	2.3	12
27	Comparison of D1Â´â€•and D1â€¢containing PS II reaction centre complexes under different environmental conditions in <i>Synechocystis</i> sp. PCC 6803. Plant, Cell and Environment, 2016, 39, 1715-1726.	5.7	10
28	Algal and cyanobacterial bioenergy and diversity. New Zealand Journal of Botany, 2014, 52, 1-5.	1.1	5
29	Characterisation of freshwater and marine cyanobacteria in the Hokianga region, Northland, New Zealand. New Zealand Journal of Marine and Freshwater Research, 2014, 48, 177-193.	2.0	3
30	Cyanobacteria in New Zealand indigenous grasslands. New Zealand Journal of Botany, 2014, 52, 100-115.	1.1	5
31	Whole genome re-sequencing of two â€˜wild-typeâ€™ strains of the model cyanobacterium<i>Synechocystis</i>sp. PCC 6803. New Zealand Journal of Botany, 2014, 52, 36-47.	1.1	50
32	The importance of the hydrophilic region of PsbL for the plastoquinone electron acceptor complex of Photosystem II. Biochimica Et Biophysica Acta - Bioenergetics, 2014, 1837, 1435-1446.	1.0	14
33	Environmental pH Affects Photoautotrophic Growth of Synechocystis sp. PCC 6803 Strains Carrying Mutations in the Lumenal Proteins of PSII. Plant and Cell Physiology, 2013, 54, 859-874.	3.1	15
34	Characterization of a pH-Sensitive Photosystem II Mutant in the Cyanobacterium Synechocystis sp. PCC 6803. Advanced Topics in Science and Technology in China, 2013, , 348-352.	0.1	0
35	Gene expression indicates a zone of heterocyst differentiation within the thallus of the cyanolichen Pseudocyphellaria crocata. New Phytologist, 2012, 196, 862-872.	7.3	11
36	Gene expression under low-oxygen conditions in the cyanobacterium Synechocystis sp. PCC 6803 demonstrates Hik31-dependent and -independent responses. Microbiology (United Kingdom), 2011, 157, 301-312.	1.8	29

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37	The Mechanism of Iron Homeostasis in the Unicellular Cyanobacterium <i>Synechocystis</i> sp. PCC 6803 and Its Relationship to Oxidative Stress Â Â. Plant Physiology, 2009, 150, 2045-2056.	4.8	105
38	TRANSCRIPTIONAL ANALYSIS OF THE UNICELLULAR, DIAZOTROPHIC CYANOBACTERIUM <i>CYANOTHECE</i> SP. ATCC 51142 GROWN UNDER SHORT DAY/NIGHT CYCLES¹. Journal of Phycology, 2009, 45, 610-620.	2.3	28
39	Low-Oxygen Induction of Normally Cryptic <i>psbA</i> Genes in Cyanobacteria. Biochemistry, 2008, 47, 12939-12941.	2.5	80
40	Global Transcriptional Response of the Alkali-Tolerant Cyanobacterium<i>Synechocystis</i>sp. Strain PCC 6803 to a pH 10 Environment. Applied and Environmental Microbiology, 2008, 74, 5276-5284.	3.1	77
41	Differential Transcriptional Analysis of the Cyanobacterium <i>Cyanothece</i> sp. Strain ATCC 51142 during Light-Dark and Continuous-Light Growth. Journal of Bacteriology, 2008, 190, 3904-3913.	2.2	134
42	Role of Sigma Factors in Controlling Global Gene Expression in Light/Dark Transitions in the Cyanobacterium <i>Synechocystis</i> sp. Strain PCC 6803. Journal of Bacteriology, 2007, 189, 7829-7840.	2.2	37
43	Global gene expression of a Î"PsbO:Î"PsbU mutant and a spontaneous revertant in the cyanobacterium Synechocystis sp. strain PCC 6803. Photosynthesis Research, 2007, 94, 265-274.	2.9	13
44	Pseudocyphellaria crocata , P. neglecta and P. perpetua from the Northern and Southern Hemispheres are a phylogenetic species and share cyanobionts. New Phytologist, 2006, 170, 597-607.	7.3	18
45	The heat shock response in the cyanobacterium Synechocystis sp. Strain PCC 6803 and regulation of gene expression by HrcA and SigB. Archives of Microbiology, 2006, 186, 273-286.	2.2	92
46	PsbQ (Sll1638) in Synechocystis sp. PCC 6803 Is Required for Photosystem II Activity in Specific Mutants and in Nutrient-Limiting Conditions. Biochemistry, 2005, 44, 805-815.	2.5	68
47	Investigation of a requirement for the PsbP-like protein in Synechocystis sp. PCC 6803. Photosynthesis Research, 2005, 84, 263-268.	2.9	37
48	The Sheep Genome Contributes to Localization of Control Elements in a Human Gene with Complex Regulatory Mechanisms. Genomics, 2001, 76, 9-13.	2.9	12
49	The gene for X-linked hypophosphataemic rickets maps to a 200-300 kb region in Xp22.1, and is located on a single YAC containing a putative vitamin D response element (VDRE). Human Genetics, 1996, 97, 345-352.	3.8	4
50	A gene (PEX) with homologies to endopeptidases is mutated in patients with Xâ€"linked hypophosphatemic rickets. Nature Genetics, 1995, 11, 130-136.	21.4	1,067