

Raymond J Ritchie

List of Publications by Year in descending order

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Version: 2024-02-01

33
papers

1,575
citations

623188

14
h-index

414034

32
g-index

33
all docs

33
docs citations

33
times ranked

1954
citing authors

#	ARTICLE	IF	CITATIONS
1	Stimulation of propagation of para-rubber tree grafts using electromagnetic field irradiation. <i>Biocatalysis and Agricultural Biotechnology</i> , 2022, 40, 102300.	1.5	2
2	Photosynthesis of an endolithic <i>Chlorococcum</i> alga (Chlorophyta, Chlorococcaceae) from travertine calcium carbonate rocks of a tropical limestone Spring. <i>Applied Phycology</i> , 2022, 3, 1-15.	0.6	4
3	Lability of chlorophylls in solvent. <i>Journal of Applied Phycology</i> , 2022, 34, 1577-1586.	1.5	2
4	Using DMSO for chlorophyll spectroscopy. <i>Journal of Applied Phycology</i> , 2021, 33, 2047-2055.	1.5	12
5	Spectrofluorometric Insights into the Application of PAM Fluorometry in Photosynthetic Research. <i>Photochemistry and Photobiology</i> , 2021, 97, 991-1000.	1.3	4
6	Sourcing Thai geography literature for ASEAN and international education. <i>Singapore Journal of Tropical Geography</i> , 2020, 41, 61-85.	0.6	5
7	Measuring photosynthesis of both oxygenic and anoxygenic photosynthetic organisms using pulse amplitude modulation (PAM) fluorometry in wastewater ponds. <i>Journal of Applied Phycology</i> , 2020, 32, 2615-2629.	1.5	7
8	Using integrating sphere spectrophotometry in unicellular algal research. <i>Journal of Applied Phycology</i> , 2020, 32, 2947-2958.	1.5	14
9	Solvent-free chlorophyll spectrometry in unicellular algal research. <i>Journal of Applied Phycology</i> , 2020, 32, 2711-2723.	1.5	7
10	Photosynthesis in a <i>Vanda</i> sp orchid with Photosynthetic Roots. <i>Journal of Plant Physiology</i> , 2020, 251, 153187.	1.6	14
11	Masking Phosphate with Rare-Earth Elements Enables Selective Detection of Arsenate by Dipicolylamine-ZnII Chemosensor. <i>Scientific Reports</i> , 2020, 10, 2656.	1.6	7
12	A Social Science Index and Conceptual Framework for Assigning Weights in Surf Tourism Planning and Development. <i>Tourism Planning and Development</i> , 2019, 16, 281-303.	1.3	8
13	Living off the Sun: chlorophylls, bacteriochlorophylls and rhodopsins. <i>Photosynthetica</i> , 2018, 56, 11-43.	0.9	50
14	Photoheterotrophy of photosynthetic bacteria (<i>Rhodospseudomonas palustris</i>) growing on oil palm and soybean cooking oils. <i>Environmental Technology and Innovation</i> , 2018, 10, 290-304.	3.0	21
15	Measurement of chlorophylls a and b and bacteriochlorophyll a in organisms from hypereutrophic auxinic waters. <i>Journal of Applied Phycology</i> , 2018, 30, 3075-3087.	1.5	27
16	Oxygenic and anoxygenic photosynthesis in a sewage pond. <i>Journal of Applied Phycology</i> , 2018, 30, 3089-3102.	1.5	10
17	Could photosynthesis function on Proxima Centauri b?. <i>International Journal of Astrobiology</i> , 2018, 17, 147-176.	0.9	33
18	Stimulation of oil palm (<i>Elaeis guineensis</i>) seed germination by exposure to electromagnetic fields. <i>Scientia Horticulturae</i> , 2017, 220, 66-77.	1.7	6

#	ARTICLE	IF	CITATIONS
19	Aquatic plants for bioremediation in red hybrid tilapia (<i>Oreochromis niloticus</i> — <i>Oreochromis</i>) Tj ETQq1 1 0.784314 rgBT /Overlock 16	1.1	16
20	Arsenic toxicity in the water weed <i>Wolffia arrhiza</i> measured using Pulse Amplitude Modulation Fluorometry (PAM) measurements of photosynthesis. <i>Ecotoxicology and Environmental Safety</i> , 2016, 132, 178-185.	2.9	12
21	Measurement of Photosynthesis Using <i>scp>PAM</scp></i> Technology in a Purple Sulfur Bacterium <i><i>Thermochromatium tepidum</i></i> (Chromatiaceae). <i>Photochemistry and Photobiology</i> , 2015, 91, 350-358.	1.3	14
22	Anaerobic digestion of food waste using yeast. <i>Waste Management</i> , 2015, 42, 61-66.	3.7	34
23	Breakdown of food waste by anaerobic fermentation and non-oxygen producing photosynthesis using a photosynthetic bacterium. <i>Waste Management</i> , 2015, 35, 199-206.	3.7	27
24	A portable reflectance-absorbance-transmittance meter for photosynthetic work on vascular plant leaves. <i>Photosynthetica</i> , 2014, 52, 614-626.	0.9	25
25	Environmental persistence of chlorine from prawn farm discharge monitored by measuring the light reactions of photosynthesis of phytoplankton. <i>Aquaculture International</i> , 2014, 22, 321-338.	1.1	5
26	Photosynthesis in an Encrusting Lichen (<i><i>Dirinaria picta</i></i> (Sw.) Schaer.ex Clem., Physciaceae) and its Symbiont, <i><i>Trebouxia</i></i> sp., Using Pulse Amplitude Modulation Fluorometry. <i>International Journal of Plant Sciences</i> , 2014, 175, 450-466.	0.6	16
27	Photosynthetic Electron Transport in an Anoxygenic Photosynthetic Bacterium <i><i>Afifella</i></i> (<i>Rhodospseudomonas</i>) <i><i>marina</i></i> Measured Using <i>scp>PAM</scp></i> Fluorometry. <i>Photochemistry and Photobiology</i> , 2013, 89, 370-383.	1.3	24
28	The Use of Solar Radiation by the Photosynthetic Bacterium, <i><i>Rhodospseudomonas palustris</i></i> : Model Simulation of Conditions Found in a Shallow Pond or a Flatbed Reactor. <i>Photochemistry and Photobiology</i> , 2013, 89, 1143-1162.	1.3	27
29	Modelling photosynthesis in shallow algal production ponds. <i>Photosynthetica</i> , 2012, 50, 481-500.	0.9	51
30	Fitting light saturation curves measured using modulated fluorometry. <i>Photosynthesis Research</i> , 2008, 96, 201-215.	1.6	124
31	Chromatic photoacclimation, photosynthetic electron transport and oxygen evolution in the Chlorophyll d-containing oxyphotobacterium <i>A Caryochloris marina</i> . <i>Biochimica Et Biophysica Acta - Bioenergetics</i> , 2007, 1767, 127-135.	0.5	52
32	Consistent Sets of Spectrophotometric Chlorophyll Equations for Acetone, Methanol and Ethanol Solvents. <i>Photosynthesis Research</i> , 2006, 89, 27-41.	1.6	914
33	Light absorbance of algal films for photosynthetic rate determinations. <i>Journal of Applied Phycology</i> , 0, , .	1.5	1