# Raymond J Ritchie

List of Publications by Year
in descending order



| 33 | 1,575 | 623188 14 | 414034 32 |
|---|---|---|---|
| papers | citations | h-index | g-index |

| 33 | 33 | 33 | 1954 |
|---|---|---|---|
| all docs | docs citations | times ranked | citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Consistent Sets of Spectrophotometric Chlorophyll Equations for Acetone, Methanol and Ethanol Solvents. Photosynthesis Research, 2006, 89, 27-41. | 1.6 | 914 |
| 2 | Fitting light saturation curves measured using modulated fluorometry. Photosynthesis Research, 2008, 96, 201-215. | 1.6 | 124 |
| 3 | Chromatic photoacclimation, photosynthetic electron transport and oxygen evolution in the Chlorophyll d-containing oxyphotobacterium Acaryochloris marina. Biochimica Et Biophysica Acta - Bioenergetics, 2007, 1767, 127-135. | 0.5 | 52 |
| 4 | Modelling photosynthesis in shallow algal production ponds. Photosynthetica, 2012, 50, 481-500. | 0.9 | 51 |
| 5 | Living off the Sun: chlorophylls, bacteriochlorophylls and rhodopsins. Photosynthetica, 2018, 56, 11-43. | 0.9 | 50 |
| 6 | Anaerobic digestion of food waste using yeast. Waste Management, 2015, 42, 61-66. | 3.7 | 34 |
| 7 | Could photosynthesis function on Proxima Centauri b?. International Journal of Astrobiology, 2018, 17, 147-176. | 0.9 | 33 |
| 8 | The Use of Solar Radiation by the Photosynthetic Bacterium, Rhodopseudomonas palustris: Model Simulation of Conditions Found in a Shallow Pond or a Flatbed Reactor. Photochemistry and Photobiology, 2013, 89, 1143-1162. | 1.3 | 27 |
| 9 | Breakdown of food waste by anaerobic fermentation and non-oxygen producing photosynthesis using a photosynthetic bacterium. Waste Management, 2015, 35, 199-206. | 3.7 | 27 |
| 10 | Measurement of chlorophylls a and b and bacteriochlorophyll a in organisms from hypereutrophic auxinic waters. Journal of Applied Phycology, 2018, 30, 3075-3087. | 1.5 | 27 |
| 11 | A portable reflectance-absorptance-transmittance meter for photosynthetic work on vascular plant leaves. Photosynthetica, 2014, 52, 614-626. | 0.9 | 25 |
| 12 | Photosynthetic Electron Transport in an Anoxygenic Photosynthetic Bacterium Afifella (Rhodopseudomonas) marina Measured Using <scp>PAM</scp> Fluorometry. Photochemistry and Photobiology, 2013, 89, 370-383. | 1.3 | 24 |
| 13 | Photoheterotrophy of photosynthetic bacteria ( Rhodopseudomonas palustris ) growing on oil palm and soybean cooking oils. Environmental Technology and Innovation, 2018, 10, 290-304. | 3.0 | 21 |
| 14 | Photosynthesis in an Encrusting Lichen (Dirinaria picta(Sw.) Schaer.ex Clem., Physiaceae) and its Symbiont,Trebouxiasp., Using Pulse Amplitude Modulation Fluorometry. International Journal of Plant Sciences, 2014, 175, 450-466. | 0.6 | 16 |
| 15 | Aquatic plants for bioremediation in red hybrid tilapia (Oreochromis niloticusÂÃ—ÂOreochromis) Tj ETQq1 1 0.784314 rgBT /Overlock | 1.1 | 16 |
| 16 | Measurement of Photosynthesis Using <scp>PAM</scp> Technology in a Purple Sulfur Bacterium Thermochromatium tepidum (Chromatiaceae). Photochemistry and Photobiology, 2015, 91, 350-358. | 1.3 | 14 |
| 17 | Using integrating sphere spectrophotometry in unicellular algal research. Journal of Applied Phycology, 2020, 32, 2947-2958. | 1.5 | 14 |
| 18 | Photosynthesis in a Vanda sp orchid with Photosynthetic Roots. Journal of Plant Physiology, 2020, 251, 153187. | 1.6 | 14 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | Arsenic toxicity in the water weed Wolffia arrhiza measured using Pulse Amplitude Modulation Fluorometry (PAM) measurements of photosynthesis. Ecotoxicology and Environmental Safety, 2016, 132, 178-185. | 2.9 | 12 |
| 20 | Using DMSO for chlorophyll spectroscopy. Journal of Applied Phycology, 2021, 33, 2047-2055. | 1.5 | 12 |
| 21 | Oxygenic and anoxygenic photosynthesis in a sewage pond. Journal of Applied Phycology, 2018, 30, 3089-3102. | 1.5 | 10 |
| 22 | A Social Science Index and Conceptual Framework for Assigning Weights in Surf Tourism Planning and Development. Tourism Planning and Development, 2019, 16, 281-303. | 1.3 | 8 |
| 23 | Measuring photosynthesis of both oxygenic and anoxygenic photosynthetic organisms using pulse amplitude modulation (PAM) fluorometry in wastewater ponds. Journal of Applied Phycology, 2020, 32, 2615-2629. | 1.5 | 7 |
| 24 | Solvent-free chlorophyll spectrometry in unicellular algal research. Journal of Applied Phycology, 2020, 32, 2711-2723. | 1.5 | 7 |
| 25 | Masking Phosphate with Rare-Earth Elements Enables Selective Detection of Arsenate by Dipycolylamine-ZnII Chemosensor. Scientific Reports, 2020, 10, 2656. | 1.6 | 7 |
| 26 | Stimulation of oil palm ( Elaeis guineensis ) seed germination by exposure to electromagnetic fields. Scientia Horticulturae, 2017, 220, 66-77. | 1.7 | 6 |
| 27 | Environmental persistence of chlorine from prawn farm discharge monitored by measuring the light reactions of photosynthesis of phytoplankton. Aquaculture International, 2014, 22, 321-338. | 1.1 | 5 |
| 28 | Sourcing Thai geography literature for ASEAN and international education. Singapore Journal of Tropical Geography, 2020, 41, 61-85. | 0.6 | 5 |
| 29 | Spectrofluorometric Insights into the Application of PAM Fluorometry in Photosynthetic Research. Photochemistry and Photobiology, 2021, 97, 991-1000. | 1.3 | 4 |
| 30 | Photosynthesis of an endolithic Chlorococcum alga (Chlorophyta, Chlorococcaceae) from travertine calcium carbonate rocks of a tropical limestone Spring. Applied Phycology, 2022, 3, 1-15. | 0.6 | 4 |
| 31 | Stimulation of propagation of para-rubber tree grafts using electromagnetic field irradiation. Biocatalysis and Agricultural Biotechnology, 2022, 40, 102300. | 1.5 | 2 |
| 32 | Lability of chlorophylls in solvent. Journal of Applied Phycology, 2022, 34, 1577-1586. | 1.5 | 2 |
| 33 | Light absorptance of algal films for photosynthetic rate determinations. Journal of Applied Phycology, 0, , . | 1.5 | 1 |