

# J G Ray

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

34  
papers

324  
citations

11  
h-index

16  
g-index

35  
ext. papers

406  
ext. citations

2.9  
avg, IF

4.36  
L-index

#	Paper	IF	Citations
34	Phytoplankton communities of eutrophic freshwater bodies (Kerala, India) in relation to the physicochemical water quality parameters. <i>Environment, Development and Sustainability</i> , <b>2021</b> , 23, 259-290	4.5	3
33	Algal associates and the evidence of cyanobacterial nitrogen fixation in the velamen roots of epiphytic orchids. <i>Global Ecology and Conservation</i> , <b>2020</b> , 22, e00946	2.8	3
32	Nutraceutical applications of twenty-five species of rapid-growing green-microalgae as indicated by their antibacterial, antioxidant and mineral content. <i>Algal Research</i> , <b>2020</b> , 47, 101878	5	19
31	Experimental evaluation of the culture parameters for optimum yield of lipids and other nutraceutically valuable compounds in <i>Chloroidium saccharophilum</i> (Kruger) comb. Nov. <i>Renewable Energy</i> , <b>2020</b> , 147, 1082-1097	8.1	6
30	Bioprospecting of Three Rapid-Growing Freshwater Green Algae, Promising Biomass for Biodiesel Production. <i>Bioenergy Research</i> , <b>2019</b> , 12, 680-693	3.1	14
29	Beneficial Changes in <i>Capsicum frutescens</i> Due to Priming by Plant Probiotic <i>Burkholderia</i> spp. <i>Probiotics and Antimicrobial Proteins</i> , <b>2019</b> , 11, 519-525	5.5	3
28	An extinct species of <i>Basella</i> : pollen evidence from sediments (~80 ka) in Kerala, India. <i>Grana</i> , <b>2019</b> , 58, 399-407	0.8	1
27	Applications of endophytic-fungal-isolates from velamen root of wild orchids in floriculture. <i>Brazilian Journal of Biological Sciences</i> , <b>2019</b> , 6, 577-589	1.1	2
26	Native arbuscular mycorrhizal fungal isolates ( <i>Funneliformis mosseae</i> and <i>Glomus microcarpum</i> ) improve plant height and nutritional status of banana plants. <i>Experimental Agriculture</i> , <b>2019</b> , 55, 924-933	1.7	8
25	Assessment of Soil Fertility Characteristics of Chemical-Fertilized Banana Fields of South India. <i>Communications in Soil Science and Plant Analysis</i> , <b>2019</b> , 50, 275-286	1.5	2
24	Lead accumulation, growth responses and biochemical changes of three plant species exposed to soil amended with different concentrations of lead nitrate. <i>Ecotoxicology and Environmental Safety</i> , <b>2019</b> , 171, 26-36	7	36
23	Nickel accumulation, localisation and the biochemical responses in <i>Eclipta prostrata</i> (L.) L. <i>Soil and Sediment Contamination</i> , <b>2019</b> , 28, 81-100	3.2	1
22	Toxic heavy metals in human blood in relation to certain food and environmental samples in Kerala, South India. <i>Environmental Science and Pollution Research</i> , <b>2018</b> , 25, 7946-7953	5.1	24
21	Toxic content of certain commercially available fairness creams in Indian market. <i>Cogent Medicine</i> , <b>2018</b> , 5, 1433104	1.4	0
20	Ecology of Endomycorrhizal Association in <i>Musa</i> spp. of South India. <i>Symbiosis</i> , <b>2018</b> , 74, 199-214	3	2
19	Heavy metal contamination in "chemicalizedSgreen revolution banana fields in southern India. <i>Environmental Science and Pollution Research</i> , <b>2018</b> , 25, 26874-26886	5.1	6
18	Endophytic diversity of hanging velamen roots in the epiphytic orchid <i>Acampe praemorsa</i> . <i>Plant Ecology and Diversity</i> , <b>2018</b> , 11, 649-661	2.2	2

17	Biomass yield and biochemical profile of fourteen species of fast-growing green algae from eutrophic bloomed freshwaters of Kerala, South India. <i>Biomass and Bioenergy</i> , <b>2018</b> , 119, 155-165	5.3	16
16	Copper accumulation, localization and antioxidant response in <i>Eclipta alba</i> L. in relation to quantitative variation of the metal in soil. <i>Acta Physiologiae Plantarum</i> , <b>2017</b> , 39, 1	2.6	28
15	Biomass yield, oil productivity and fatty acid profile of <i>Chlorella lobophora</i> cultivated in diverse eutrophic wastewaters. <i>Biocatalysis and Agricultural Biotechnology</i> , <b>2017</b> , 11, 338-344	4.2	6
14	<i>Pseudomonas fluorescens</i> R68 assisted enhancement in growth and fertilizer utilization of <i>Amaranthus tricolor</i> (L.). <i>3 Biotech</i> , <b>2017</b> , 7, 256	2.8	11
13	Ecology and Diversity of Diatoms in Kuttanadu Paddy Fields in Relation to Soil Regions, Seasons and Paddy-Growth-Stages. <i>Journal of Plant Studies</i> , <b>2016</b> , 5, 7	2.7	4
12	Experimental assessment of productivity, oil-yield and oil-profile of eight different common freshwater-blooming green algae of Kerala. <i>Biocatalysis and Agricultural Biotechnology</i> , <b>2016</b> , 8, 270-277	4.2	9
11	Silver nanoparticles synthesized using aqueous leaf extract of <i>Ziziphus oenoplia</i> (L.) Mill: Characterization and assessment of antibacterial activity. <i>Journal of Photochemistry and Photobiology B: Biology</i> , <b>2016</b> , 163, 391-402	6.7	27
10	<i>Chlorococcum humicola</i> (Nageli) Rabenhorst as a Renewable Source of Bioproducts and Biofuel. <i>Journal of Plant Studies</i> , <b>2015</b> , 5, 48	2.7	4
9	Biomass Productivity and Fatty Acid Composition of <i>Chlorella lobophora</i> V M Andreyeva, a Potential Feed Stock for Biodiesel Production. <i>American Journal of Plant Sciences</i> , <b>2015</b> , 06, 2453-2460	0.5	9
8	Ecology and Diversity of Cyanobacteria in Kuttanadu Paddy Wetlands, Kerala, India. <i>American Journal of Plant Sciences</i> , <b>2015</b> , 06, 2924-2938	0.5	9
7	Fertility Characteristics of Oxidic Dystrustepts under Natural Forest, Rubber, and Teak Plantations in Different Seasons, Kerala, South India. <i>Communications in Soil Science and Plant Analysis</i> , <b>2012</b> , 43, 2247-2261	1.5	3
6	ARBUSCULAR MYCORRHIZAL FUNGI AND PIRIFORMOSPORA INDICA INDIVIDUALLY AND IN COMBINATION WITH RHIZOBIUM ON GREEN GRAM. <i>Journal of Plant Nutrition</i> , <b>2010</b> , 33, 285-298	2.3	21
5	Tropical rainforest vegetation, climate and sea level during the Pleistocene in Kerala, India. <i>Quaternary International</i> , <b>2010</b> , 213, 2-11	2	25
4	Calcium Accumulation in Grasses in Relation to their Root Cation Exchange Capacity. <i>Journal of Agronomy</i> , <b>2010</b> , 9, 70-74	0.4	5
3	Arbuscular Mycorrhizal Fungi Associated with Green Gram in South India. <i>Agronomy Journal</i> , <b>2007</b> , 99, 1260-1264	2.2	11
2	Role of Perennial Grasses in Controlling Degradation of Soil Systems in Steppes. <i>Soil &amp; Environment</i> , <b>1993</b> , 327-331		0
1	Mars: Algae, Lichens, Fossils, Minerals, Microbial Mats, and Stromatolites in Gale Crater		4