

Ian R Jenkinson

List of Publications by Year in descending order

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papers

925
citations

567281

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477307

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all docs

29
docs citations

29
times ranked

1004
citing authors

#	ARTICLE	IF	CITATIONS
1	Notes on Alexandrium population dynamics. Journal of Plankton Research, 1997, 19, 551-575.	1.8	119
2	Enhanced dewaterability of sludge during anaerobic digestion with thermal hydrolysis pretreatment: New insights through structure evolution. Water Research, 2018, 131, 177-185.	11.3	101
3	Factors influencing the initiation of blooms of the raphidophyte <i>Heterosigma akashiwo</i> and the diatom <i>Skeletonema costatum</i> in a port in Japan. Limnology and Oceanography, 2008, 53, 2503-2518.	3.1	87
4	Oceanographic implications of non-newtonian properties found in phytoplankton cultures. Nature, 1986, 323, 435-437.	27.8	76
5	Using a strong chemical oxidant, potassium ferrate (K ₂ FeO ₄), in waste activated sludge treatment: A review. Environmental Research, 2020, 188, 109764.	7.5	71
6	Bulk-phase viscoelastic properties of seawater relationship with plankton components. Journal of Plankton Research, 1995, 17, 2251-2274.	1.8	55
7	Extracellular polysaccharide-protein complexes of a harmful alga mediate the allelopathic control it exerts within the phytoplankton community. ISME Journal, 2009, 3, 808-817.	9.8	54
8	Highly sensitive and selective fluorescent detection of phosphate in water environment by a functionalized coordination polymer. Water Research, 2019, 163, 114883.	11.3	48
9	Understanding harmful algae in stratified systems: Review of progress and future directions. Deep-Sea Research Part II: Topical Studies in Oceanography, 2014, 101, 4-20.	1.4	43
10	Rheological properties of natural waters with regard to plankton thin layers. A short review. Journal of Marine Systems, 2010, 83, 287-297.	2.1	28
11	Selection and control of Deborah numbers in plankton ecology. Journal of Plankton Research, 1992, 14, 1697-1721.	1.8	25
12	Blue light regulates the rhythm of diurnal vertical migration in the raphidophyte red-tide alga <i>Chattonella antiqua</i> . Journal of Plankton Research, 2013, 35, 542-552.	1.8	25
13	Biological modification of mechanical properties of the sea surface microlayer, influencing waves, ripples, foam and air-sea fluxes. Elementa, 2018, 6, .	3.2	23
14	Preface: Giant jellyfish blooms in Chinese waters. Hydrobiologia, 2015, 754, 1-11.	2.0	21
15	Growth dynamics of <i>Heterosigma akashiwo</i> (Raphidophyceae) in Hakata Bay, Japan. European Journal of Phycology, 2008, 43, 395-411.	2.0	17
16	<i>Halosphaera viridis</i> , <i>Ditylum brightwellii</i> and other phytoplankton in the north-eastern North Atlantic in spring: Sinking, rising and relative abundance. Ophelia, 1986, 26, 233-253.	0.3	15
17	Bio-transformation and stabilization of arsenic (As) in contaminated soil using arsenic oxidizing bacteria and FeCl ₃ amendment. 3 Biotech, 2017, 7, 50.	2.2	15
18	Biorheological properties of intertidal organic fluff on mud flats and its modification of gill ventilation in buried sole <i>Solea solea</i> . Marine Biology, 2007, 150, 471-485.	1.5	14

#	ARTICLE	IF	CITATIONS
19	Encystment and excystment of <i>Gyrodinium instriatum</i> Freudenthal et Lee. <i>Journal of Oceanography</i> , 2008, 64, 355-365.	1.7	13
20	Factors driving the spatiotemporal variability in phytoplankton in the Northern South China Sea. <i>Continental Shelf Research</i> , 2018, 162, 48-55.	1.8	13
21	A review of two recent predation-rate models: the dome-shaped relationship between feeding rate and shear rate appears universal. <i>ICES Journal of Marine Science</i> , 1995, 52, 605-610.	2.5	10
22	Thalassorheology, organic matter and plankton: towards a more viscous approach in plankton ecology. <i>Journal of Plankton Research</i> , 2015, , fbv071.	1.8	9
23	Drag increase and drag reduction found in phytoplankton and bacterial cultures in laminar flow: Are cell surfaces and EPS producing rheological thickening and a Lotus-leaf Effect?. <i>Deep-Sea Research Part II: Topical Studies in Oceanography</i> , 2014, 101, 216-230.	1.4	8
24	Key Questions and Recent Research Advances on Harmful Algal Blooms in Stratified Systems. <i>Ecological Studies</i> , 2018, , 165-186.	1.2	8
25	Seasonal variations in the structure of copepod assemblages in tropical marine and estuarine waters, Coleroon, south-east India. <i>Journal of the Marine Biological Association of the United Kingdom</i> , 2014, 94, 521-535.	0.8	7
26	A model of pycnocline thickness modified by the rheological properties of phytoplankton exopolymeric substances. <i>Journal of Plankton Research</i> , 2011, 33, 373-383.	1.8	6
27	A Facile and Sensitive DNA Sensing of Harmful Algal Blooms Based on Graphene Oxide Nanosheets. <i>Marine Biotechnology</i> , 2020, 22, 498-510.	2.4	6
28	Seasonal variations of plankton in Kodiakkarai and Arukattuthurai on the Vedharanyam coast, South India. <i>Regional Studies in Marine Science</i> , 2020, 39, 101461.	0.7	4
29	The r�les of plankton and neuston microbial organic matter in climate regulation. <i>Journal of Plankton Research</i> , 2021, 43, 801-821.	1.8	4