

James Crabbe

List of Publications by Year in descending order

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Version: 2024-02-01

70
papers

1,870
citations

361296

20
h-index

289141

40
g-index

72
all docs

72
docs citations

72
times ranked

2574
citing authors

#	ARTICLE	IF	CITATIONS
1	Caribbean Corals in Crisis: Record Thermal Stress, Bleaching, and Mortality in 2005. <i>PLoS ONE</i> , 2010, 5, e13969.	1.1	517
2	Metabolism of Maillard reaction products by the human gut microbiota – implications for health. <i>Molecular Nutrition and Food Research</i> , 2006, 50, 847-857.	1.5	148
3	Sediment impacts on growth rates of <i>Acropora</i> and <i>Porites</i> corals from fringing reefs of Sulawesi, Indonesia. <i>Coral Reefs</i> , 2005, 24, 437-441.	0.9	99
4	Complete Chloroplast Genome Sequence of Holoparasite <i>Cistanche deserticola</i> (Orobanchaceae) Reveals Gene Loss and Horizontal Gene Transfer from Its Host <i>Haloxylon ammodendron</i> (Chenopodiaceae). <i>PLoS ONE</i> , 2013, 8, e58747.	1.1	90
5	Photosynthetic metabolism of C ₃ plants shows highly cooperative regulation under changing environments: A systems biological analysis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009, 106, 847-852.	3.3	55
6	Climate change, global warming and coral reefs: Modelling the effects of temperature. <i>Computational Biology and Chemistry</i> , 2008, 32, 311-314.	1.1	52
7	Why Does the Giant Panda Eat Bamboo? A Comparative Analysis of Appetite-Reward-Related Genes among Mammals. <i>PLoS ONE</i> , 2011, 6, e22602.	1.1	49
8	Risk Management Analysis for Novel Coronavirus in Wuhan, China. <i>Journal of Risk and Financial Management</i> , 2020, 13, 22.	1.1	46
9	Construction safety knowledge sharing on Twitter: A social network analysis. <i>Safety Science</i> , 2021, 143, 105411.	2.6	46
10	Non-steroidal anti-inflammatory drugs (NSAIDs) inhibit vascular smooth muscle cell proliferation via differential effects on the cell cycle. <i>Journal of Pharmacy and Pharmacology</i> , 2010, 55, 519-526.	1.2	40
11	Growth modelling indicates hurricanes and severe storms are linked to low coral recruitment in the Caribbean. <i>Marine Environmental Research</i> , 2008, 65, 364-368.	1.1	39
12	Risk Prediction and Assessment: Duration, Infections, and Death Toll of the COVID-19 and Its Impact on China's Economy. <i>Journal of Risk and Financial Management</i> , 2020, 13, 66.	1.1	34
13	The genome and transcriptome of <i>Trichormus</i> sp. NMC-1: insights into adaptation to extreme environments on the Qinghai-Tibet Plateau. <i>Scientific Reports</i> , 2016, 6, 29404.	1.6	33
14	Seasonal variations in carbon, nitrogen and phosphorus concentrations and C:N:P stoichiometry in different organs of a <i>Larix principis-rupprechtii</i> Mayr. plantation in the Qinling Mountains, China. <i>PLoS ONE</i> , 2017, 12, e0185163.	1.1	28
15	Water pollutant fingerprinting tracks recent industrial transfer from coastal to inland China: A case study. <i>Scientific Reports</i> , 2013, 3, 1031.	1.6	27
16	Monitoring the progress of non-enzymatic glycation <i>in vitro</i> . <i>International Journal of Peptide and Protein Research</i> , 1994, 44, 594-602.	0.1	25
17	Is Capacity Building Important in Policy Development for Sustainability? A Case Study Using Action Plans for Sustainable Marine Protected Areas in Belize. <i>Society and Natural Resources</i> , 2009, 23, 181-190.	0.9	24
18	Seasonal Variations in Carbon, Nitrogen and Phosphorus Concentrations and C:N:P Stoichiometry in the Leaves of Differently Aged <i>Larix principis-rupprechtii</i> Mayr. Plantations. <i>Forests</i> , 2017, 8, 373.	0.9	24

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19	Models for Oil Refinery Waste Management Using Determined and Fuzzy Conditions. Information (Switzerland), 2020, 11, 299.	1.7	24
20	Enrichment analysis of Alu elements with different spatial chromatin proximity in the human genome. Protein and Cell, 2016, 7, 250-266.	4.8	23
21	Tandem oligomeric expression of metallothionein enhance heavy metal tolerance and bioaccumulation in Escherichia coli. Ecotoxicology and Environmental Safety, 2019, 181, 301-307.	2.9	23
22	Genomic analysis of field pennycress (Thlaspi arvense) provides insights into mechanisms of adaptation to high elevation. BMC Biology, 2021, 19, 143.	1.7	23
23	Modelling variations in corallite morphology of Galaxea fascicularis coral colonies with depth and light on coastal fringing reefs in the Wakatobi Marine National Park (S.E. Sulawesi, Indonesia). Computational Biology and Chemistry, 2006, 30, 155-159.	1.1	22
24	Green Credit Policy and Maturity Mismatch Risk in Polluting and Non-Polluting Companies. Sustainability, 2021, 13, 3615.	1.6	20
25	Corporate Social Responsibility and Maturity Mismatch of Investment and Financing: Evidence from Polluting and Non-Polluting Companies. Sustainability, 2020, 12, 4972.	1.6	19
26	Valuation Impacts of Environmental Protection Taxes and Regulatory Costs in Heavy-Polluting Industries. International Journal of Environmental Research and Public Health, 2020, 17, 2070.	1.2	18
27	Optimization Analysis and Implementation of Online Wisdom Teaching Mode in Cloud Classroom Based on Data Mining and Processing. International Journal of Emerging Technologies in Learning, 2021, 16, 205.	0.8	18
28	Global warming and coral reefs: Modelling the effect of temperature on Acropora palmata colony growth. Computational Biology and Chemistry, 2007, 31, 294-297.	1.1	17
29	Discovery of A high-altitude ecotype and ancient lineage of Arabidopsis thaliana from Tibet. Science Bulletin, 2017, 62, 1628-1630.	4.3	15
30	Genetic modifications of metallothionein enhance the tolerance and bioaccumulation of heavy metals in Escherichia coli. Ecotoxicology and Environmental Safety, 2021, 222, 112512.	2.9	15
31	Preferential regulation of stably expressed genes in the human genome suggests a widespread expression buffering role of microRNAs. BMC Genomics, 2012, 13, S14.	1.2	14
32	From Citizen Science to Policy Development on the Coral Reefs of Jamaica. International Journal of Zoology, 2012, 2012, 1-6.	0.3	13
33	Interactive Study of Multimedia and Virtual Technology in Art Education. International Journal of Emerging Technologies in Learning, 2021, 16, 80.	0.8	13
34	COVID-19 in Wuhan, China: Pressing Realities and City Management. Frontiers in Public Health, 2020, 8, 596913.	1.3	13
35	Climate change and tropical marine agriculture. Journal of Experimental Botany, 2009, 60, 2839-2844.	2.4	12
36	Transcriptome profiling of the UV-B stress response in the desert shrub Lycium ruthenicum. Molecular Biology Reports, 2015, 42, 639-649.	1.0	12

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37	Fiscal Expenditures on Science and Technology and Environmental Pollution: Evidence from China. <i>International Journal of Environmental Research and Public Health</i> , 2020, 17, 8761.	1.2	12
38	Quaternary corals from reefs in the Wakatobi Marine National Park, SE Sulawesi, Indonesia, show similar growth rates to modern corals from the same area. <i>Journal of Quaternary Science</i> , 2006, 21, 803-809.	1.1	11
39	The Impact of Sustainability Awareness and Moral Values on Environmental Laws. <i>Sustainability</i> , 2021, 13, 5882.	1.6	11
40	The genotoxic potential of mixed nitrosamines in drinking water involves oxidative stress and Nrf2 activation. <i>Journal of Hazardous Materials</i> , 2022, 426, 128010.	6.5	11
41	Economic losses of carbon emissions from circum-Arctic permafrost regions under RCP-SSP scenarios. <i>Science of the Total Environment</i> , 2019, 658, 1064-1068.	3.9	10
42	Energy Management Optimization of Open-Pit Mine Solar Photothermal-Photoelectric Membrane Distillation Using a Support Vector Machine and a Non-Dominated Genetic Algorithm. <i>IEEE Access</i> , 2020, 8, 155766-155782.	2.6	9
43	Evaluation of genetic diversity and population structure of <i>Fragaria nilgerrensis</i> using EST-SSR markers. <i>Gene</i> , 2021, 796-797, 145791.	1.0	9
44	Coral Ecosystem Resilience, Conservation and Management on the Reefs of Jamaica in the Face of Anthropogenic Activities and Climate Change. <i>Diversity</i> , 2010, 2, 881-896.	0.7	8
45	Impacts of stratospheric aerosol geoengineering strategy on Caribbean coral reefs. <i>International Journal of Climate Change Strategies and Management</i> , 2018, 10, 523-532.	1.5	7
46	Desarrollo de capacidades y desarrollo de políticas en Áreas marinas protegidas de Belice, un ejemplo para la gestión integrada de la costa del Caribe. <i>Revista De Biología Tropical</i> , 0, 62, 287.	0.1	7
47	Sustainable Tourism and Management for Coral Reefs: Preserving Diversity and Plurality in a Time of Climate Change. <i>Journal of Service Science and Management</i> , 2010, 03, 250-256.	0.4	7
48	Environmental effects on coral growth and recruitment in the Caribbean. <i>Journal of the Marine Biological Association of the United Kingdom</i> , 2012, 92, 747-752.	0.4	6
49	Increased epigenetic diversity and transient epigenetic memory in response to salinity stress in <i>Thlaspi arvense</i> . <i>Ecology and Evolution</i> , 2020, 10, 11622-11630.	0.8	6
50	The impact of weather and climate extremes on coral growth. , 0, , 165-188.		5
51	Coral resilience on the reefs of Jamaica. <i>Underwater Technology</i> , 2011, 30, 65-70.	0.3	5
52	Developing a mission for further education: changing culture using non-financial and intangible value. <i>Research in Post-Compulsory Education</i> , 2018, 23, 118-137.	0.4	5
53	Identification of new antibacterial targets in RNA polymerase of <i>Mycobacterium tuberculosis</i> by detecting positive selection sites. <i>Computational Biology and Chemistry</i> , 2018, 73, 25-30.	1.1	5
54	Dynamic Changes of DNA Methylation During Wild Strawberry (<i>Fragaria nilgerrensis</i>) Tissue Culture. <i>Frontiers in Plant Science</i> , 2021, 12, 765383.	1.7	5

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55	Adapting to extreme environments: can coral reefs adapt to climate change?. <i>Emerging Topics in Life Sciences</i> , 2019, 3, 183-195.	1.1	4
56	Extreme climate response to marine cloud brightening in the arid Sahara-Sahel-Arabian Peninsula zone. <i>International Journal of Climate Change Strategies and Management</i> , 2021, 13, 250-265.	1.5	4
57	Spatial genetic and epigenetic structure of <i>Thlaspi arvense</i> (field pennycress) in China. <i>Genes and Genetic Systems</i> , 2020, 95, 225-234.	0.2	4
58	Statistical Learning-Based Spatial Downscaling Models for Precipitation Distribution. <i>Advances in Meteorology</i> , 2022, 2022, 1-12.	0.6	4
59	Correct use of Scatchard plots. <i>Trends in Biochemical Sciences</i> , 1990, 15, 12-13.	3.7	3
60	Computational Biology Approaches to Plant Metabolism and Photosynthesis: Applications for Corals in Times of Climate Change and Environmental Stress. <i>Journal of Integrative Plant Biology</i> , 2010, 52, 698-703.	4.1	3
61	ABL1 and Cofilin1 promote T-cell acute lymphoblastic leukemia cell migration. <i>Acta Biochimica Et Biophysica Sinica</i> , 2021, 53, 1321-1332.	0.9	3
62	Multi-Level Analysis and Identification of Tumor Mutational Burden Genes across Cancer Types. <i>Genes</i> , 2022, 13, 365.	1.0	3
63	The Occurrence and Potential Health Risk of Microcystins in Drinking Water of Rural Areas in China. , 2019, , 728-732.		2
64	History and Trends in Ecological Stoichiometry Research from 1992 to 2019: A Scientometric Analysis. <i>Sustainability</i> , 2020, 12, 8909.	1.6	2
65	Management of environmental streaming data to optimize Arctic shipping routes. <i>Arabian Journal of Geosciences</i> , 2021, 14, 1.	0.6	2
66	Evidencia de la recuperaci3n inicial de la comunidad coral en Bah3a Discovery, Costa norte de Jamaica. <i>Revista De Biologia Tropical</i> , 0, 62, 137.	0.1	2
67	Comparison of Two Reef Sites on the North Coast of Jamaica over a 15-Year Period. <i>American Journal of Climate Change</i> , 2016, 05, 2-7.	0.5	2
68	The Impact of Climate Change and the Environment on Coral Growth. , 2016, , 577-591.		1
69	An Economicâ€Business Approach to Clinical Risk Management. <i>Journal of Risk and Financial Management</i> , 2020, 13, 135.	1.1	1
70	An Application-Oriented Top-Down Scheme for FPGA-Based Embedded System Design with 3D Graphics Applications. , 2013, , .		0