James Crabbe

List of Publications by Year in descending order

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70	1,870	361413	289244
papers	citations	20 h-index	40 g-index

72	72	72	2574
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	The genotoxic potential of mixed nitrosamines in drinking water involves oxidative stress and Nrf2 activation. Journal of Hazardous Materials, 2022, 426, 128010.	12.4	11
2	Multi-Level Analysis and Identification of Tumor Mutational Burden Genes across Cancer Types. Genes, 2022, 13, 365.	2.4	3
3	Statistical Learning-Based Spatial Downscaling Models for Precipitation Distribution. Advances in Meteorology, 2022, 2022, 1-12.	1.6	4
4	Interactive Study of Multimedia and Virtual Technology in Art Education. International Journal of Emerging Technologies in Learning, 2021, 16, 80.	1.3	13
5	Extreme climate response to marine cloud brightening in the arid Sahara-Sahel-Arabian Peninsula zone. International Journal of Climate Change Strategies and Management, 2021, 13, 250-265.	2.9	4
6	Green Credit Policy and Maturity Mismatch Risk in Polluting and Non-Polluting Companies. Sustainability, 2021, 13, 3615.	3.2	20
7	The Impact of Sustainability Awareness and Moral Values on Environmental Laws. Sustainability, 2021, 13, 5882.	3.2	11
8	Genomic analysis of field pennycress (Thlaspi arvense) provides insights into mechanisms of adaptation to high elevation. BMC Biology, 2021, 19, 143.	3.8	23
9	Management of environmental streaming data to optimize Arctic shipping routes. Arabian Journal of Geosciences, 2021, 14, 1.	1.3	2
10	Evaluation of genetic diversity and population structure of Fragaria nilgerrensis using EST-SSR markers. Gene, 2021, 796-797, 145791.	2.2	9
11	ABL1 and Cofilin1 promote T-cell acute lymphoblastic leukemia cell migration. Acta Biochimica Et Biophysica Sinica, 2021, 53, 1321-1332.	2.0	3
12	Genetic modifications of metallothionein enhance the tolerance and bioaccumulation of heavy metals in Escherichia coli. Ecotoxicology and Environmental Safety, 2021, 222, 112512.	6.0	15
13	Construction safety knowledge sharing on Twitter: A social network analysis. Safety Science, 2021, 143, 105411.	4.9	46
14	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.	1.3	18
15	Dynamic Changes of DNA Methylation During Wild Strawberry (Fragaria nilgerrensis) Tissue Culture. Frontiers in Plant Science, 2021, 12, 765383.	3.6	5
16	Fiscal Expenditures on Science and Technology and Environmental Pollution: Evidence from China. International Journal of Environmental Research and Public Health, 2020, 17, 8761.	2.6	12
17	Energy Management Optimization of Open-Pit Mine Solar Photothermal-Photoelectric Membrane Distillation Using a Support Vector Machine and a Non-Dominated Genetic Algorithm. IEEE Access, 2020, 8, 155766-155782.	4.2	9
18	Increased epigenetic diversity and transient epigenetic memory in response to salinity stress in Thlaspi arvense. Ecology and Evolution, 2020, 10, 11622-11630.	1.9	6

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19	History and Trends in Ecological Stoichiometry Research from 1992 to 2019: A Scientometric Analysis. Sustainability, 2020, 12, 8909.	3.2	2
20	Corporate Social Responsibility and Maturity Mismatch of Investment and Financing: Evidence from Polluting and Non-Polluting Companies. Sustainability, 2020, 12, 4972.	3.2	19
21	Models for Oil Refinery Waste Management Using Determined and Fuzzy Conditions. Information (Switzerland), 2020, 11, 299.	2.9	24
22	An Economicâ€“Business Approach to Clinical Risk Management. Journal of Risk and Financial Management, 2020, 13, 135.	2.3	1
23	Risk Management Analysis for Novel Coronavirus in Wuhan, China. Journal of Risk and Financial Management, 2020, 13, 22.	2.3	46
24	Valuation Impacts of Environmental Protection Taxes and Regulatory Costs in Heavy-Polluting Industries. International Journal of Environmental Research and Public Health, 2020, 17, 2070.	2.6	18
25	Risk Prediction and Assessment: Duration, Infections, and Death Toll of the COVID-19 and Its Impact on Chinaâ€™s Economy. Journal of Risk and Financial Management, 2020, 13, 66.	2.3	34
26	COVID-19 in Wuhan, China: Pressing Realities and City Management. Frontiers in Public Health, 2020, 8, 596913.	2.7	13
27	Spatial genetic and epigenetic structure of <i>Thlaspi arvense</i> (field pennycress) in China. Genes and Genetic Systems, 2020, 95, 225-234.	0.7	4
28	Tandem oligomeric expression of metallothionein enhance heavy metal tolerance and bioaccumulation in Escherichia coli. Ecotoxicology and Environmental Safety, 2019, 181, 301-307.	6.0	23
29	Adapting to extreme environments: can coral reefs adapt to climate change?. Emerging Topics in Life Sciences, 2019, 3, 183-195.	2.6	4
30	The Occurrence and Potential Health Risk of Microcystins in Drinking Water of Rural Areas in China. , 2019, , 728-732.		2
31	Economic losses of carbon emissions from circum-Arctic permafrost regions under RCP-SSP scenarios. Science of the Total Environment, 2019, 658, 1064-1068.	8.0	10
32	Developing a mission for further education: changing culture using non-financial and intangible value. Research in Post-Compulsory Education, 2018, 23, 118-137.	0.7	5
33	Identification of new antibacterial targets in RNA polymerase of Mycobacterium tuberculosis by detecting positive selection sites. Computational Biology and Chemistry, 2018, 73, 25-30.	2.3	5
34	Impacts of stratospheric aerosol geoengineering strategy on Caribbean coral reefs. International Journal of Climate Change Strategies and Management, 2018, 10, 523-532.	2.9	7
35	Discovery of A high-altitude ecotype and ancient lineage of Arabidopsis thaliana from Tibet. Science Bulletin, 2017, 62, 1628-1630.	9.0	15
36	Seasonal Variations in Carbon, Nitrogen and Phosphorus Concentrations and C:N:P Stoichiometry in the Leaves of Differently Aged Larix principis-rupprechtii Mayr. Plantations. Forests, 2017, 8, 373.	2.1	24

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37	Seasonal variations in carbon, nitrogen and phosphorus concentrations and C:N:P stoichiometry in different organs of a Larix principis-rupprechtii Mayr. plantation in the Qinling Mountains, China. PLoS ONE, 2017, 12, e0185163.	2.5	28
38	The Impact of Climate Change and the Environment on Coral Growth. , 2016, , 577-591.		1
39	The genome and transcriptome of Trichormus sp. NMC-1: insights into adaptation to extreme environments on the Qinghai-Tibet Plateau. Scientific Reports, 2016, 6, 29404.	3.3	33
40	Enrichment analysis of Alu elements with different spatial chromatin proximity in the human genome. Protein and Cell, 2016, 7, 250-266.	11.0	23
41	Comparison of Two Reef Sites on the North Coast of Jamaica over a 15-Year Period. American Journal of Climate Change, 2016, 05, 2-7.	0.9	2
42	Transcriptome profiling of the UV-B stress response in the desert shrub Lycium ruthenicum. Molecular Biology Reports, 2015, 42, 639-649.	2.3	12
43	An Application-Oriented Top-Down Scheme for FPGA-Based Embedded System Design with 3D Graphics Applications. , 2013, , .		0
44	Water pollutant fingerprinting tracks recent industrial transfer from coastal to inland China: A case study. Scientific Reports, 2013, 3, 1031.	3.3	27
45	Complete Chloroplast Genome Sequence of Holoparasite Cistanche deserticola (Orobanchaceae) Reveals Gene Loss and Horizontal Gene Transfer from Its Host Haloxylon ammodendron (Chenopodiaceae). PLoS ONE, 2013, 8, e58747.	2.5	90
46	From Citizen Science to Policy Development on the Coral Reefs of Jamaica. International Journal of Zoology, 2012, 2012, 1-6.	0.8	13
47	Environmental effects on coral growth and recruitment in the Caribbean. Journal of the Marine Biological Association of the United Kingdom, 2012, 92, 747-752.	0.8	6
48	Preferential regulation of stably expressed genes in the human genome suggests a widespread expression buffering role of microRNAs. BMC Genomics, 2012, 13, S14.	2.8	14
49	Why Does the Giant Panda Eat Bamboo? A Comparative Analysis of Appetite-Reward-Related Genes among Mammals. PLoS ONE, 2011, 6, e22602.	2.5	49
50	Coral resilience on the reefs of Jamaica. Underwater Technology, 2011, 30, 65-70.	0.3	5
51	Non-steroidal anti-inflammatory drugs (NSAIDs) inhibit vascular smooth muscle cell proliferation via differential effects on the cell cycle. Journal of Pharmacy and Pharmacology, 2010, 55, 519-526.	2.4	40
52	Computational Biology Approaches to Plant Metabolism and Photosynthesis: Applications for Corals in Times of Climate Change and Environmental Stress. Journal of Integrative Plant Biology, 2010, 52, 698-703.	8.5	3
53	Coral Ecosystem Resilience, Conservation and Management on the Reefs of Jamaica in the Face of Anthropogenic Activities and Climate Change. Diversity, 2010, 2, 881-896.	1.7	8
54	Caribbean Corals in Crisis: Record Thermal Stress, Bleaching, and Mortality in 2005. PLoS ONE, 2010, 5, e13969.	2.5	517

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55	Sustainable Tourism and Management for Coral Reefs: Preserving Diversity and Plurality in a Time of Climate Change. Journal of Service Science and Management, 2010, 03, 250-256.	0.5	7
56	Climate change and tropical marine agriculture. Journal of Experimental Botany, 2009, 60, 2839-2844.	4.8	12
57	Photosynthetic metabolism of C ₃ plants shows highly cooperative regulation under changing environments: A systems biological analysis. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, 847-852.	7.1	55
58	Is Capacity Building Important in Policy Development for Sustainability? A Case Study Using Action Plans for Sustainable Marine Protected Areas in Belize. Society and Natural Resources, 2009, 23, 181-190.	1.9	24
59	Climate change, global warming and coral reefs: Modelling the effects of temperature. Computational Biology and Chemistry, 2008, 32, 311-314.	2.3	52
60	Growth modelling indicates hurricanes and severe storms are linked to low coral recruitment in the Caribbean. Marine Environmental Research, 2008, 65, 364-368.	2.5	39
61	Global warming and coral reefs: Modelling the effect of temperature on Acropora palmata colony growth. Computational Biology and Chemistry, 2007, 31, 294-297.	2.3	17
62	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.	2.3	22
63	Metabolism of Maillard reaction products by the human gut microbiota â€“ implications for health. Molecular Nutrition and Food Research, 2006, 50, 847-857.	3.3	148
64	Quaternary corals from reefs in the Wakatobi Marine National Park, SE Sulawesi, Indonesia, show similar growth rates to modern corals from the same area. Journal of Quaternary Science, 2006, 21, 803-809.	2.1	11
65	Sediment impacts on growth rates of Acropora and Porites corals from fringing reefs of Sulawesi, Indonesia. Coral Reefs, 2005, 24, 437-441.	2.2	99
66	Monitoring the progress of nonâ€enzymatic glycation in vitro. International Journal of Peptide and Protein Research, 1994, 44, 594-602.	0.1	25
67	Correct use of Scatchard plots. Trends in Biochemical Sciences, 1990, 15, 12-13.	7.5	3
68	The impact of weather and climate extremes on coral growth. , 0, , 165-188.		5
69	Evidencia de la recuperaciÃ³n inicial de la comunidad coral en BahÃa Discovery, Costa norte de Jamaica. Revista De Biologia Tropical, 0, 62, 137.	0.4	2
70	Desarrollo de capacidades y desarrollo de polÃticas en Ã¡reas marinas protegidas de Belice, un ejemplo para la gestiÃ³n integrada de la costa del Caribe. Revista De Biologia Tropical, 0, 62, 287.	0.4	7