

Laetitia S HÃ©douin

List of Publications by Year in descending order

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46
papers

1,015
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394421

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454955

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46
times ranked

1013
citing authors

#	ARTICLE	IF	CITATIONS
1	Development of Gene Expression Markers of Acute Heat-Light Stress in Reef-Building Corals of the Genus <i>Porites</i> . <i>PLoS ONE</i> , 2011, 6, e26914.	2.5	108
2	Trends in concentrations of selected metalloids and metals in two bivalves from the coral reefs in the SW lagoon of New Caledonia. <i>Ecotoxicology and Environmental Safety</i> , 2009, 72, 372-381.	6.0	50
3	Allometric relationships in the bioconcentration of heavy metals by the edible tropical clam <i>Gafrarium tumidum</i> . <i>Science of the Total Environment</i> , 2006, 366, 154-163.	8.0	48
4	Delineation of heavy metal contamination pathways (seawater, food and sediment) in tropical oysters from New Caledonia using radiotracer techniques. <i>Marine Pollution Bulletin</i> , 2010, 61, 542-553.	5.0	40
5	Metal and metalloid bioaccumulation in the Pacific blue shrimp <i>Litopenaeus stylirostris</i> (Stimpson) from New Caledonia: Laboratory and field studies. <i>Marine Pollution Bulletin</i> , 2010, 61, 576-584.	5.0	39
6	Improving the ecological relevance of toxicity tests on scleractinian corals: Influence of season, life stage, and seawater temperature. <i>Environmental Pollution</i> , 2016, 213, 240-253.	7.5	39
7	The tropical brown alga <i>Lobophora variegata</i> as a bioindicator of mining contamination in the New Caledonia lagoon: A field transplantation study. <i>Marine Environmental Research</i> , 2008, 66, 438-444.	2.5	38
8	Validation of two tropical marine bivalves as bioindicators of mining contamination in the New Caledonia lagoon: Field transplantation experiments. <i>Water Research</i> , 2011, 45, 483-496.	11.3	37
9	Are all eggs created equal? A case study from the Hawaiian reef-building coral <i>Montipora capitata</i> . <i>Coral Reefs</i> , 2013, 32, 137-152.	2.2	37
10	Bioaccumulation of essential metals (Co, Mn and Zn) in the king scallop <i>Pecten maximus</i> : seawater, food and sediment exposures. <i>Marine Biology</i> , 2009, 156, 2063-2075.	1.5	35
11	Spatio-temporal variability, distribution and sources of n-alkanes and polycyclic aromatic hydrocarbons in reef surface sediments of Kharg and Lark coral reefs, Persian Gulf, Iran. <i>Ecotoxicology and Environmental Safety</i> , 2018, 163, 307-322.	6.0	35
12	Delineation of heavy metal uptake pathways (seawater and food) in the variegated scallop <i>Chlamys varia</i> , using radiotracer techniques. <i>Marine Ecology - Progress Series</i> , 2009, 375, 161-171.	1.9	34
13	Differential bioaccumulation of ¹³⁴ Cs in tropical marine organisms and the relative importance of exposure pathways. <i>Journal of Environmental Radioactivity</i> , 2016, 152, 127-135.	1.7	32
14	Investigation of Ag in the king scallop <i>Pecten maximus</i> using field and laboratory approaches. <i>Journal of Experimental Marine Biology and Ecology</i> , 2008, 367, 53-60.	1.5	30
15	Boat noise prevents soundscape-based habitat selection by coral planulae. <i>Scientific Reports</i> , 2018, 8, 9283.	3.3	27
16	Use of Radiotracer Techniques to Study Subcellular Distribution of Metals and Radionuclides in Bivalves from the Noumea Lagoon, New Calendonia. <i>Bulletin of Environmental Contamination and Toxicology</i> , 2005, 75, 89-93.	2.7	25
17	Assessing fertilization success of the coral <i>Montipora capitata</i> under copper exposure: Does the night of spawning matter?. <i>Marine Pollution Bulletin</i> , 2013, 66, 221-224.	5.0	25
18	Symbiotic associations of the deepest recorded photosynthetic scleractinian coral (172 m depth). <i>ISME Journal</i> , 2021, 15, 1564-1568.	9.8	25

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19	Influence of food on the assimilation of selected metals in tropical bivalves from the New Caledonia lagoon: Qualitative and quantitative aspects. <i>Marine Pollution Bulletin</i> , 2010, 61, 568-575.	5.0	24
20	Community composition predicts photogrammetry-based structural complexity on coral reefs. <i>Coral Reefs</i> , 2020, 39, 967-975.	2.2	24
21	The brown alga <i>Lobophora variegata</i> , a bioindicator species for surveying metal contamination in tropical marine environments. <i>Journal of Experimental Marine Biology and Ecology</i> , 2008, 362, 49-54.	1.5	23
22	Mesophotic coral communities escape thermal coral bleaching in French Polynesia. <i>Royal Society Open Science</i> , 2021, 8, 210139.	2.4	22
23	Hyposalinity stress compromises the fertilization of gametes more than the survival of coral larvae. <i>Marine Environmental Research</i> , 2015, 104, 1-9.	2.5	20
24	Contrasting patterns of mortality in Polynesian coral reefs following the third global coral bleaching event in 2016. <i>Coral Reefs</i> , 2020, 39, 939-952.	2.2	19
25	Metal and metalloid bioconcentration capacity of two tropical bivalves for monitoring the impact of land-based mining activities in the New Caledonia lagoon. <i>Marine Pollution Bulletin</i> , 2010, 61, 554-567.	5.0	17
26	Sedimentation and the Reproductive Biology of the Hawaiian Reef-Building Coral <i>Montipora capitata</i> . <i>Biological Bulletin</i> , 2014, 226, 8-18.	1.8	17
27	Development of a quantitative PCR high-resolution melting assay for absolute measurement of coral-Symbiodiniaceae associations and its application to investigating variability at three spatial scales. <i>Marine Biology</i> , 2019, 166, 1.	1.5	16
28	Metal bioconcentration in the scleractinian coral <i>Stylophora pistillata</i> : investigating the role of different components of the holobiont using radiotracers. <i>Environmental Monitoring and Assessment</i> , 2015, 187, 178.	2.7	15
29	High resistance of <i>Acropora</i> coral gametes facing copper exposure. <i>Chemosphere</i> , 2015, 120, 563-567.	8.2	14
30	Ecotoxicological approach for assessing the contamination of a Hawaiian coral reef ecosystem (Honolua Bay, Maui) by metals and a metalloid. <i>Marine Environmental Research</i> , 2011, 71, 149-161.	2.5	12
31	Thermal resistances and acclimation potential during coral larval ontogeny in <i>Acropora pulchra</i> . <i>Marine Environmental Research</i> , 2018, 135, 1-10.	2.5	12
32	Bioaccumulation of ⁶³ Ni in the scleractinian coral <i>Stylophora pistillata</i> and isolated Symbiodinium using radiotracer techniques. <i>Chemosphere</i> , 2016, 156, 420-427.	8.2	10
33	Assessment of metals and a metalloid in sediments from Hawaiian coral reef ecosystems. <i>Marine Pollution Bulletin</i> , 2009, 58, 1759-1765.	5.0	9
34	Documenting decadal disturbance dynamics reveals archipelago-specific recovery and compositional change on Polynesian reefs. <i>Marine Pollution Bulletin</i> , 2021, 170, 112659.	5.0	8
35	Evidence on the impacts of chemicals arising from human activity on tropical reef-building corals; a systematic map. <i>Environmental Evidence</i> , 2021, 10, .	2.7	8
36	Scaling up calcification, respiration, and photosynthesis rates of six prominent coral taxa. <i>Ecology and Evolution</i> , 2022, 12, e8613.	1.9	7

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37	Metal(loid)s in superficial sediments from coral reefs of French Polynesia. <i>Marine Pollution Bulletin</i> , 2020, 155, 111175.	5.0	6
38	High contribution of the particulate uptake pathway to metal bioaccumulation in the tropical marine clam <i>Gafrarium pectinatum</i> . <i>Environmental Science and Pollution Research</i> , 2018, 25, 11206-11218.	5.3	5
39	What evidence exists on the impacts of chemicals arising from human activity on tropical reef-building corals? A systematic map protocol. <i>Environmental Evidence</i> , 2020, 9, .	2.7	5
40	Mesophotic coral ecosystems of French Polynesia are hotspots of alpha and beta generic diversity for scleractinian assemblages. <i>Diversity and Distributions</i> , 2022, 28, 1391-1403.	4.1	5
41	Parental bleaching susceptibility leads to differences in larval fluorescence and dispersal potential in <i>Pocillopora acuta</i> corals. <i>Marine Environmental Research</i> , 2021, 163, 105200.	2.5	4
42	Bilateral asymmetry in bleaching susceptibility within a giant clam, <i>Tridacna maxima</i> . <i>Coral Reefs</i> , 2018, 37, 825-825.	2.2	3
43	Mesophotic depths hide high coral cover communities in French Polynesia. <i>Science of the Total Environment</i> , 2022, 844, 157049.	8.0	3
44	Supervised Classification of Satellite Images with Spatially Inaccurate Training Field Data. , 2018, , .		1
45	Savoirs locaux Ã propos des gorgones chez les travailleurs de la mer des Ã©les de la Guadeloupe (Antilles franÃ§aises). <i>VertigO: La Revue Electronique En Sciences De L'environnement</i> , 2014, , .	0.1	1
46	Estimating ecotoxicological effects of chemicals on tropical reef-building corals; a systematic review protocol. <i>Environmental Evidence</i> , 2021, 10, .	2.7	1