Mark E Hay

List of Publications by Year
in descending order

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218 papers	20,519 citations	7551 77 h-index	11581 135 g-index
298 all docs	298 docs citations	298 times ranked	11735 citing authors

#	Article	IF	Citations
1	The tropicalization of temperate marine ecosystems: climate-mediated changes in herbivory and community phase shifts. Proceedings of the Royal Society B: Biological Sciences, 2014, 281, 20140846.	1.2	679
2	Marine Plant-Herbivore Interactions: The Ecology of Chemical Defense. Annual Review of Ecology, Evolution, and Systematics, 1988, 19, 111-145.	6.7	604
3	Marine chemical ecology: what's known and what's next?. Journal of Experimental Marine Biology and Ecology, 1996, 200, 103-134.	0.7	527
4	Opposing Effects of Native and Exotic Herbivores on Plant Invasions. Science, 2006, 311, 1459-1461.	6.0	515
5	Marine Chemical Ecology: Chemical Signals and Cues Structure Marine Populations, Communities, and Ecosystems. Annual Review of Marine Science, 2009, 1, 193-212.	5.1	406
6	Symbiotic marine bacteria chemically defend crustacean embryos from a pathogenic fungus. Science, 1989, 246, 116-118.	6.0	386
7	HERBIVORE VS. NUTRIENT CONTROL OF MARINE PRIMARY PRODUCERS: CONTEXT-DEPENDENT EFFECTS. Ecology, 2006, 87, 3128-3139.	1.5	385
8	Herbivore species richness and feeding complementarity affect community structure and function on a coral reef. Proceedings of the National Academy of Sciences of the United States of America, 2008, 105, 16201-16206.	3.3	371
9	Patterns of Fish and Urchin Grazing on Caribbean Coral Reefs: Are Previous Results Typical?. Ecology, 1984, 65, 446-454.	1.5	354
10	Synergisms in Plant Defenses against Herbivores: Interactions of Chemistry, Calcification, and Plant Quality. Ecology, 1994, 75, 1714-1726.	1.5	350
11	Associational Plant Defenses and the Maintenance of Species Diversity: Turning Competitors Into Accomplices. American Naturalist, 1986, 128, 617-641.	1.0	316
12	STRONG IMPACTS OF GRAZING AMPHIPODS ON THE ORGANIZATION OF A BENTHIC COMMUNITY. Ecological Monographs, 2000, 70, 237-263.	2.4	313
13	Chemical Defense Against Different Marine Herbivores: Are Amphipods Insect Equivalents?. Ecology, 1987, 68, 1567-1580.	1.5	301
14	CAN QUANTITY REPLACE QUALITY? FOOD CHOICE, COMPENSATORY FEEDING, AND FITNESS OF MARINE MESOGRAZERS. Ecology, 2000, 81, 201-219.	1.5	296
15	The Functional Morphology of Turf-Forming Seaweeds: Persistence in Stressful Marine Habitats. Ecology, 1981, 62, 739-750.	1.5	291
16	Chemically rich seaweeds poison corals when not controlled by herbivores. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 9683-9688.	3.3	280
17	Food and Shelter as Determinants of Food Choice by an Herbivorous Marine Amphipod. Ecology, 1991, 72, 1286-1298.	1.5	279
18	Biotic resistance to plant invasions? Native herbivores prefer non-native plants. Ecology Letters, 2005, 8, 959-967.	3.0	266

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19	Herbivore Resistance to Seaweed Chemical Defense: The Roles of Mobility and Predation Risk. Ecology, 1994, 75, 1304-1319.	1.5	242
20	Associational resistance and shared doom: effects of epibiosis on herbivory. Oecologia, 1995, 102, 329-340.	0.9	231
21	Consumer diversity interacts with prey defenses to drive ecosystem function. Ecology, 2013, 94, 1347-1358.	1.5	219
22	Constraints on Chemically Mediated Coevolution: Multiple Functions for Seaweed Secondary Metabolites. Ecology, 1995, 76, 107-123.	1.5	216
23	Are Tropical Plants Better Defended? Palatability and Defenses of Temperate vs. Tropical Seaweeds. Ecology, 1996, 77, 2269-2286.	1.5	208
24	Seaweed susceptibility to herbivory: chemical and morphological correlates. Marine Ecology - Progress Series, 1986, 33, 255-264.	0.9	207
25	Defense of Ascidians and Their Conspicuous Larvae: Adult vs. Larval Chemical Defenses. Ecological Monographs, 1992, 62, 547-568.	2.4	202
26	Desorption electrospray ionization mass spectrometry reveals surface-mediated antifungal chemical defense of a tropical seaweed. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, 7314-7319.	3.3	200
27	Chemical Defense Against Diverse Coral-Reef Herbivores. Ecology, 1987, 68, 1581-1591.	1.5	196
28	Susceptibility to Herbivores Depends on Recent History of both the Plant and Animal. Ecology, 1996, 77, 1531-1543.	1.5	193
29	Macroalgal terpenes function as allelopathic agents against reef corals. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 17726-17731.	3.3	190
30	Spatial patterns of agrazing intensity on a caribbean barrier reef: Herbivory and algal distribution. Aquatic Botany, 1981, 11, 97-109.	0.8	186
31	Palatability and Chemical Defense of Marine Invertebrate Larvae. Ecological Monographs, 1996, 66, 431-450.	2.4	184
32	Herbivory, Algal Distribution, and the Maintenance of Between-Habitat Diversity on a Tropical Fringing Reef. American Naturalist, 1981, 118, 520-540.	1.0	183
33	Multalism between Harvester Ants and a Desert Ephemeral: Seed Escape from Rodents. Ecology, 1980, 61, 531-540.	1.5	182
34	Associational plant refuges: convergent patterns in marine and terrestrial communities result from differing mechanisms. Oecologia, 1988, 77, 118-129.	0.9	176
35	Induction of Seaweed Chemical Defenses by Amphipod Grazing. Ecology, 1996, 77, 2287-2301.	1.5	173
36	Mutualisms and Aquatic Community Structure: The Enemy of My Enemy Is My Friend. Annual Review of Ecology, Evolution, and Systematics, 2004, 35, 175-197.	3.8	167

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37	Seaweed Adaptations to Herbivory. BioScience, 1990, 40, 368-375.	2.2	158
38	Impact of Herbivore Identity on Algal Succession and Coral Growth on a Caribbean Reef. PLoS ONE, 2010, 5, e8963.	1.1	153
39	The ecology and evolution of seaweed-herbivore interactions on coral reefs. Coral Reefs, 1997, 16, S67-S76.	0.9	152
40	Within-plant variation in seaweed palatability and chemical defenses: optimal defense theory versus the growth-differentiation balance hypothesis. Oecologia, 1996, 105, 361-368.	0.9	151
41	The Chemical Ecology of Plantâ€"Herbivore Interactions in Marine versus Terrestrial Communities. , 1992, , 371-413.		150
42	Large mobile versus small sedentary herbivores and their resistance to seaweed chemical defenses. Oecologia, 1988, 75, 246-252.	0.9	148
43	Predictable spatial escapes from herbivory: how do these affect the evolution of herbivore resistance in tropical marine communities?. Oecologia, 1984, 64, 396-407.	0.9	147
44	Spatial and temporal patterns in herbivory on a Caribbean fringing reef: the effects on plant distribution. Oecologia, 1983, 58, 299-308.	0.9	146
45	Can tropical seaweeds reduce herbivory by growing at night? Diel patterns of growth, nitrogen content, herbivory, and chemical versus morphological defenses. Oecologia, 1988, 75, 233-245.	0.9	146
46	PREY NUTRITIONAL QUALITY INTERACTS WITH CHEMICAL DEFENSES TO AFFECT CONSUMER FEEDING AND FITNESS. Ecological Monographs, 2003, 73, 483-506.	2.4	142
47	Host-Plant Specialization Decreases Predation on a Marine Amphipod: An Herbivore in Plant's Clothing. Ecology, 1990, 71, 733-743.	1.5	141
48	CHEMICALLY MEDIATED COMPETITION BETWEEN MICROBES AND ANIMALS: MICROBES AS CONSUMERS IN FOOD WEBS. Ecology, 2006, 87, 2821-2831.	1.5	138
49	High content live cell imaging for the discovery of new antimalarial marine natural products. BMC Infectious Diseases, 2012, 12, 1.	1.3	137
50	Macroalgal traits and the feeding and fitness of an herbivorous amphipod: the roles of selectivity, mixing, and compensation. Marine Ecology - Progress Series, 2001, 218, 249-266.	0.9	131
51	The effects of diet mixing on consumer fitness: macroalgae, epiphytes, and animal matter as food for marine amphipods. Oecologia, 2000, 123, 252-264.	0.9	129
52	Effects of nutrients versus herbivores on reef algae: A new method for manipulating nutrients on coral reefs. Limnology and Oceanography, 1999, 44, 1847-1861.	1.6	127
53	Competition between herbivourous fishes and urchins on Caribbean reefs. Oecologia, 1985, 65, 591-598.	0.9	123
54	Genetic Variation of the Bloom-Forming Cyanobacterium Microcystis aeruginosa within and among Lakes: Implications for Harmful Algal Blooms. Applied and Environmental Microbiology, 2005, 71, 6126-6133.	1.4	123

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55	Seaweed-herbivore-predator interactions: host-plant specialization reduces predation on small herbivores. Oecologia, 1989, 81, 418-427.	0.9	122
56	Chemical cues induce consumer-specific defenses in a bloom-forming marine phytoplankton. Proceedings of the National Academy of Sciences of the United States of America, 2007, 104, 10512-10517.	3.3	122
57	Effects of Light and Nutrient Availability on the Growth, Secondary Chemistry, and Resistance to Herbivory of Two Brown Seaweeds. Oikos, 1996, 77, 93.	1.2	117
58	Does algal morphology affect amphipod susceptibility to fish predation?. Journal of Experimental Marine Biology and Ecology, 1990, 139, 65-83.	0.7	116
59	Herbivore Preference for Native vs. Exotic Plants: Generalist Herbivores from Multiple Continents Prefer Exotic Plants That Are Evolutionarily NaÃ¯ve. PLoS ONE, 2011, 6, e17227.	1.1	116
60	Fishâ€"Seaweed Interactions on Coral Reefs: Effects of Herbivorous Fishes and Adaptations of Their Prey. , 1991, , 96-119.		111
61	Facultative mutualism between an herbivorous crab and a coralline alga: advantages of eating noxious seaweeds. Oecologia, 1996, 105, 377-387.	0.9	108
62	Tissue-specific induction of herbivore resistance: seaweed response to amphipod grazing. Oecologia, 2002, 132, 68-76.	0.9	108
63	Coralâ€Seaweedâ€Grazerâ€Nutrient Interactions on Temperate Reefs. Ecological Monographs, 1996, 66, 323-344.	2.4	106
64	Effects of fish predation and seaweed competition on the survival and growth of corals. Oecologia, 1998, 113, 231-238.	0.9	105
65	REDUCING PREDATION THROUGH CHEMICALLY MEDIATED CAMOUFLAGE: INDIRECT EFFECTS OF PLANT DEFENSES ON HERBIVORES. Ecology, 1999, 80, 495-509.	1.5	105
66	Chemical Defenses of Freshwater Macrophytes Against Crayfish Herbivory. Journal of Chemical Ecology, 1998, 24, 1639-1658.	0.9	104
67	Seaweed-Coral Interactions: Variance in Seaweed Allelopathy, Coral Susceptibility, and Potential Effects on Coral Resilience. PLoS ONE, 2014, 9, e85786.	1.1	103
68	MUTUALISM AND CORAL PERSISTENCE: THE ROLE OF HERBIVORE RESISTANCE TO ALGAL CHEMICAL DEFENSE. Ecology, 1999, 80, 2085-2101.	1.5	97
69	Interactions of plant stress and herbivory: intraspecific variation in the susceptibility of a palatable versus an unpalatable seaweed to sea urchin grazing. Oecologia, 1990, 82, 217-226.	0.9	96
70	Chemical Ecology and Marine Biodiversity: Insights and Products from the Sea. Oceanography, 1996, 9, 10-20.	0.5	96
71	Responses of temperate reef fishes to alterations in algal structure and species composition. Marine Ecology - Progress Series, 1996, 134, 37-47.	0.9	96
72	Effects of herbivory, nutrients, and reef protection on algal proliferation and coral growth on a tropical reef. Oecologia, 2012, 169, 187-198.	0.9	95

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73	Galactolipids rather than phlorotannins as herbivore deterrents in the brown seaweed Fucus vesiculosus. Oecologia, 2003, 136, 107-114.	0.9	92
74	Nutrient versus herbivore control of macroalgal community development and coral growth on a Caribbean reef. Marine Ecology - Progress Series, 2009, 389, 71-84.	0.9	92
75	Geographic Variation in Camouflage Specialization by a Decorator Crab. American Naturalist, 2000, 156, 59-71.	1.0	85
76	Feeding complementarity versus redundancy among herbivorous fishes on a Caribbean reef. Coral Reefs, 2011, 30, 351-362.	0.9	81
77	Chemical defense in the seaweed Dictyopteris delicatula: differential effects against reef fishes and amphipods. Marine Ecology - Progress Series, 1988, 48, 185-192.	0.9	81
78	Marine-terrestrial contrasts in the ecology of plant chemical defenses against herbivores. Trends in Ecology and Evolution, 1991, 6, 362-365.	4.2	80
79	Specialist herbivores reduce their susceptibility to predation by feeding on the chemically defended seaweed Avrainvillea longicaulis. Limnology and Oceanography, 1990, 35, 1734-1743.	1.6	79
80	Chemical defense of brown algae (Dictyopteris spp.) against the herbivorous amphipod Ampithoe longimana. Oecologia, 2001, 126, 515-521.	0.9	77
81	CRAYFISH FEEDING PREFERENCES FOR FRESHWATER MACROPHYTES: THE INFLUENCE OF PLANT STRUCTURE AND CHEMISTRY. Journal of Crustacean Biology, 2002, 22, 708-718.	0.3	77
82	Antineoplastic Diterpeneâ˘Benzoate Macrolides from the Fijian Red AlgaCallophycus serratus. Organic Letters, 2005, 7, 5261-5264.	2.4	77
83	Antimalarial Bromophycolides Jâ˘Q from the Fijian Red Alga <i>Callophycus serratus</i>. Journal of Organic Chemistry, 2009, 74, 2736-2742.	1.7	77
84	GEOGRAPHIC VARIATION AMONG HERBIVORE POPULATIONS IN TOLERANCE FOR A CHEMICALLY RICH SEAWEED. Ecology, 2002, 83, 2721-2735.	1.5	76
85	Ambiguous role of phlorotannins as chemical defenses in the brown alga Fucus vesiculosus. Marine Ecology - Progress Series, 2004, 277, 79-93.	0.9	75
86	Are Tropical Herbivores More Resistant Than Temperate Herbivores to Seaweed Chemical Defenses? Diterpenoid Metobolites from Dictyota acutiloba as Feeding Deterrents for Tropical Versus Temperate Fishes and Urchins. Journal of Chemical Ecology, 1997, 23, 289-302.	0.9	74
87	Effects of epibiosis on consumerâ€"prey interactions. Hydrobiologia, 1997, 355, 49-59.	1.0	74
88	Indirect Effects of Feral Horses on Estuarine Communities. Conservation Biology, 2002, 16, 1364-1371.	2.4	74
89	Feeding and growth of native, invasive and non-invasive alien apple snails (Ampullariidae) in the United States: Invasives eat more and grow more. Biological Invasions, 2011, 13, 945-955.	1.2	74
90	Intraspecific Variation in Growth and Morphology of the Bloom-Forming Cyanobacterium Microcystis aeruginosa. Applied and Environmental Microbiology, 2006, 72, 7386-7389.	1.4	73

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91	Herbivory in the marine realm. Current Biology, 2017, 27, R484-R489.	1.8	72
92	Seed Escape from Heteromyid Rodents: The Importance of Microhabitat and Seed Preference. Ecology, 1981, 62, 1395-1399.	1.5	69
93	Crayfish Feeding Preferences for Freshwater Macrophytes: The Influence of Plant Structure and Chemistry. Journal of Crustacean Biology, 2002, 22, 708-718.	0.3	65
94	Effects of herbivores, nutrient enrichment, and their interactions on macroalgal proliferation and coral growth. Coral Reefs, 2009, 28, 555-568.	0.9	65
95	Community and ecosystem level consequences of chemical cues in the plankton. Journal of Chemical Ecology, 2002, 28, 2001-2016.	0.9	64
96	Trophic interactions across 61 degrees of latitude in the Western Atlantic. Global Ecology and Biogeography, 2019, 28, 107-117.	2.7	64
97	Effects of storage and extraction procedures on yields of lipophilic metabolites from the brown seaweeds Dictyota ciliolata and D. menstrualis. Marine Ecology - Progress Series, 1995, 119, 265-273.	0.9	64
98	Chemical defense in the seaweed Ochtodes secundiramea (Montagne) Howe (Rhodophyta): effects of its monoterpenoid components upon diverse coral-reef herbivores. Journal of Experimental Marine Biology and Ecology, 1988, 114, 249-260.	0.7	61
99	Beaver herbivory on aquatic plants. Oecologia, 2007, 151, 616-625.	0.9	61
100	Corals Chemically Cue Mutualistic Fishes to Remove Competing Seaweeds. Science, 2012, 338, 804-807.	6.0	61
101	Seaweed Allelopathy Against Coral: Surface Distribution of a Seaweed Secondary Metabolite by Imaging Mass Spectrometry. Journal of Chemical Ecology, 2012, 38, 1203-1214.	0.9	60
102	GEOGRAPHIC AND GENETIC VARIATION IN FEEDING PREFERENCE FOR CHEMICALLY DEFENDED SEAWEEDS. Evolution; International Journal of Organic Evolution, 2003, 57, 2262-2276.	1.1	59
103	Reduced mobility is associated with compensatory feeding and increased diet breadth of marine crabs. Marine Ecology - Progress Series, 1999, 188, 169-178.	0.9	59
104	Can Small Rare Prey be Chemically Defended? The Case for Marine Larvae. Ecology, 1995, 76, 1347-1358.	1.5	58
105	Seaweed secondary metabolites as antifoulants: effects of Dictyota spp. diterpenes on survivorship, settlement, and development of marine invertebrate larvae. Chemoecology, 1998, 8, 125-131.	0.6	58
106	Tissue-specific induction of resistance to herbivores in a brown seaweed: the importance of direct grazing versus waterborne signals from grazed neighbors. Journal of Experimental Marine Biology and Ecology, 2002, 277, 1-12.	0.7	58
107	Activated chemical defenses in tropical versus temperate seaweeds. Marine Ecology - Progress Series, 2000, 207, 243-253.	0.9	58
108	Intraspecific variation in palatability and defensive chemistry of brown seaweeds: effects on herbivore fitness. Oecologia, 2003, 136, 412-423.	0.9	56

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109	Cascading predator effects in a Fijian coral reef ecosystem. Scientific Reports, 2017, 7, 15684.	1.6	56
110	Bioassays with Marine and Freshwater Macroorganisms. , 1998, , 39-141.		56
111	Antibacterial Neurymenolides from the Fijian Red Alga <i>Neurymenia fraxinifolia</i>. Organic Letters, 2009, 11, 225-228.	2.4	55
112	Palatability of marine macro-holoplankton: Nematocysts, nutritional quality, and chemistry as defenses against consumers. Limnology and Oceanography, 2002, 47, 1456-1467.	1.6	54
113	Predator release of the gastropod Cyphoma gibbosum increases predation on gorgonian corals. Oecologia, 2007, 154, 167-173.	0.9	54
114	Host-plant specialization by a non-herbivorous amphipod: advantages for the amphipod and costs for the seaweed. Oecologia, 1999, 118, 471-482.	0.9	53
115	An invasive crab alters interaction webs in a marine community. Biological Invasions, 2008, 10, 347-358.	1.2	53
116	Bioactive Bromophycolides Râ˘U from the Fijian Red Alga <i>Callophycus serratus</i>. Journal of Natural Products, 2010, 73, 275-278.	1.5	53
117	Small Marine Protected Areas in Fiji Provide Refuge for Reef Fish Assemblages, Feeding Groups, and Corals. PLoS ONE, 2017, 12, e0170638.	1.1	53
118	Callophycoic Acids and Callophycols from the Fijian Red Alga <i>Callophycus serratus</i>. Journal of Organic Chemistry, 2007, 72, 7343-7351.	1.7	52
119	Two antifeedant lignans from the freshwater macrophyte Saururus cernuus. Phytochemistry, 2000, 54, 281-287.	1.4	50
120	Stream mosses as chemicallyâ€defended refugia for freshwater macroinvertebrates. Oikos, 2007, 116, 302-312.	1.2	50
121	Bromophycolides Câ˘I from the Fijian Red AlgaCallophycusserratus. Journal of Natural Products, 2006, 69, 731-735.	1.5	49
122	Do brominated natural products defend marine worms from consumers? Some do, most donâ€™t. Limnology and Oceanography, 2004, 49, 430-441.	1.6	47
123	INTEGRATING PREY DEFENSIVE TRAITS: CONTRASTS OF MARINE WORMS FROM TEMPERATE AND TROPICAL HABITATS. Ecological Monographs, 2006, 76, 195-215.	2.4	47
124	Ecological leads for natural product discovery: novel sesquiterpene hydroquinones from the red macroalga Peyssonnelia sp.. Tetrahedron, 2010, 66, 455-461.	1.0	47
125	Contact with turf algae alters the coral microbiome: contact versus systemic impacts. Coral Reefs, 2018, 37, 1-13.	0.9	47
126	Distribution, density, and sequestration of host chemical defenses by the specialist nudibranch Tritonia hamnerorum found at high densities on the sea fan Gorgonia ventalina. Marine Ecology - Progress Series, 1995, 119, 177-189.	0.9	47

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127	Propagule pressure of an invasive crab overwhelms native biotic resistance. Marine Ecology - Progress Series, 2007, 342, 191-196.	0.9	47
128	A direct test of cyanobacterial chemical defense: Variable effects of microcystin-treated food on two Daphnia pulicaria clones. Limnology and Oceanography, 2007, 52, 1467-1479.	1.6	45
129	Ecology and bioprospecting. Austral Ecology, 2011, 36, 341-356.	0.7	44
130	Competition induces allelopathy but suppresses growth and anti-herbivore defence in a chemically rich seaweed. Proceedings of the Royal Society B: Biological Sciences, 2014, 281, 20132615.	1.2	44
131	Seaweed sex pheromones and their degradation products frequently suppress amphipod feeding but rarely suppress sea urchin feeding. Chemoecology, 1998, 8, 91-98.	0.6	42
132	To avoid or deter: interactions among defensive and escape strategies in sabellid worms. Oecologia, 2007, 151, 161-173.	0.9	41
133	Functional morphology of intertidal seaweeds; adaptive significance of aggregate vs. solitary forms. Marine Ecology - Progress Series, 1984, 18, 295-302.	0.9	41
134	Spatial and temporal limits of coral-macroalgal competition: the negative impacts of macroalgal density, proximity, and history of contact. Marine Ecology - Progress Series, 2018, 586, 11-20.	0.9	41
135	Food preference and chemotaxis in the sea urchin Arbaciapunctulata (Lamarck) Philippi. Journal of Experimental Marine Biology and Ecology, 1986, 96, 147-153.	0.7	40
136	The potential role of wound-activated volatile release in the chemical defence of the brown alga Dictyota dichotoma: Blend recognition by marine herbivores. Aquatic Sciences, 2007, 69, 403-412.	0.6	38
137	Seaweed allelopathy degrades the resilience and function of coral reefs. Communicative and Integrative Biology, 2010, 3, 564-566.	0.6	37
138	Population dynamics of the non-native crab Petrolisthes armatus invading the South Atlantic Bight at densities of thousands mÂ–2. Marine Ecology - Progress Series, 2007, 336, 211-223.	0.9	37
139	A field test of inducible resistance to specialist and generalist herbivores using the water lily Nuphar luteum. Oecologia, 1998, 116, 143-153.	0.9	36
140	Fishes learn aversions to a nudibranchÂ's chemical defense. Marine Ecology - Progress Series, 2006, 307, 199-208.	0.9	36
141	Antineoplastic unsaturated fatty acids from Fijian macroalgae. Phytochemistry, 2008, 69, 2495-2500.	1.4	35
142	Unusual antimalarial meroditerpenes from tropical red macroalgae. Bioorganic and Medicinal Chemistry Letters, 2010, 20, 5662-5665.	1.0	34
143	Gene expression patterns of the coral Acropora millepora in response to contact with macroalgae. Coral Reefs, 2012, 31, 1177-1192.	0.9	34
144	Amphipods Are Not All Created Equal: A Reply to Bell. Ecology, 1991, 72, 354-358.	1.5	32

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145	Lignoid chemical defenses in the freshwater macrophyte Saururus cernuus. Chemoecology, 2001, 11, 1-8.	0.6	32
146	Secondary metabolites of the chemically rich ascoglossanCyerce nigricans. Experientia, 1990, 46, 327-329.	1.2	31
147	Species as â€˜noiseâ€™ in community ecology: do seaweeds block our view of the kelp forest?. Trends in Ecology and Evolution, 1994, 9, 414-416.	4.2	31
148	Title is missing!. Journal of Chemical Ecology, 1998, 24, 1715-1732.	0.9	31
149	Structure and biological evaluation of novel cytotoxic sterol glycosides from the marine red alga Peyssonnelia sp.. Bioorganic and Medicinal Chemistry, 2010, 18, 8264-8269.	1.4	31
150	Bromophycoic Acids: Bioactive Natural Products from a Fijian Red Alga <i>Callophycus</i> sp.. Journal of Organic Chemistry, 2012, 77, 8000-8006.	1.7	31
151	Secondary metabolite chemistry of the caribbean marine alga Sporochnus bolleanus: A basis for herbivore chemical defence. Phytochemistry, 1992, 32, 71-75.	1.4	29
152	Chemical defense of hydrothermal vent and hydrocarbon seep organisms: a preliminary assessment using shallow-water consumers. Marine Ecology - Progress Series, 2004, 275, 11-19.	0.9	29
153	Effects of ocean acidification on the potency of macroalgal allelopathy to a common coral. Scientific Reports, 2017, 7, 41053.	1.6	29
154	Biodiversity enhances coral growth, tissue survivorship and suppression of macroalgae. Nature Ecology and Evolution, 2019, 3, 178-182.	3.4	29
155	Palatability and defense of some tropical infaunal worms: alkylpyrrole sulfamates as deterrents to fish feeding. Marine Ecology - Progress Series, 2003, 263, 299-306.	0.9	29
156	Seaweed allelopathy to corals: are active compounds on, or in, seaweeds?. Coral Reefs, 2017, 36, 247-253.	0.9	28
157	Habenariol, a freshwater feeding deterrent from the aquatic orchid Habenaria repens (Orchidaceae). Phytochemistry, 1999, 50, 1333-1336.	1.4	27
158	Intergenerational effects of macroalgae on a reef coral: major declines in larval survival but subtle changes in microbiomes. Marine Ecology - Progress Series, 2018, 589, 97-114.	0.9	27
159	Induced chemical defenses in a freshwater macrophyte suppress herbivore fitness and the growth of associated microbes. Oecologia, 2011, 165, 427-436.	0.9	26
160	Predation constrains host choice for a marine mesograzer. Marine Ecology - Progress Series, 2011, 434, 91-99.	0.9	26
161	Caribbean reefs of the Anthropocene: Variance in ecosystem metrics indicates bright spots on coral depauperate reefs. Global Change Biology, 2020, 26, 4785-4799.	4.2	25
162	Marine and terrestrial herbivores display convergent chemical ecology despite 400 million years of independent evolution. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 12110-12115.	3.3	24

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163	Are lower-latitude plants better defended? Palatability of freshwater macrophytes. Ecology, 2012, 93, 65-74.	1.5	23
164	Debromoisocymobarbatol, a new chromanol feeding deterrent from the marine alga Cymopolia barbata. Phytochemistry, 1992, 31, 4115-4118.	1.4	22
165	Positive Feedbacks Enhance Macroalgal Resilience on Degraded Coral Reefs. PLoS ONE, 2016, 11, e0155049.	1.1	22
166	Is Glue Production by Seeds of Salvia Columbariae a Deterrent to Desert Granivores?. Ecology, 1983, 64, 960-963.	1.5	21
167	Chemical Defenses, Protein Content, and Susceptibility to Herbivory of Diploid vs. Haploid Stages of the Isomorphic Brown Alga Dictyota ciliolata (Phaeophyta). Botanica Marina, 1996, 39, .	0.6	21
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