Mark E Hay

List of Publications by Citations

219 papers	16,146 citations	74 h-index	120 g-index
297 ext. papers	17,594 ext. citations	5.1 avg, IF	6.91 L-index

#	Paper	IF	Citations
219	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	4.4	488
218	Marine Plant-Herbivore Interactions: The Ecology of Chemical Defense. *Annual Review of Ecology, Evolution, and Systematics*, **1988**, 19, 111-145		443
217	Opposing effects of native and exotic herbivores on plant invasions. *Science*, **2006**, 311, 1459-61	33.3	440
216	Marine chemical ecology: what's known and what's next?. *Journal of Experimental Marine Biology and Ecology*, **1996**, 200, 103-134	2.1	426
215	Marine chemical ecology: chemical signals and cues structure marine populations, communities, and ecosystems. *Annual Review of Marine Science*, **2009**, 1, 193-212	15.4	325
214	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, 16201-6	11.5	311
213	Herbivore vs. nutrient control of marine primary producers: context-dependent effects. *Ecology*, **2006**, 87, 3128-39	4.6	310
212	Symbiotic marine bacteria chemically defend crustacean embryos from a pathogenic fungus. *Science*, **1989**, 246, 116-8	33.3	300
211	Associational Plant Defenses and the Maintenance of Species Diversity: Turning Competitors Into Accomplices. *American Naturalist*, **1986**, 128, 617-641	3.7	276
210	Synergisms in Plant Defenses against Herbivores: Interactions of Chemistry, Calcification, and Plant Quality. *Ecology*, **1994**, 75, 1714-1726	4.6	259
209	Patterns of Fish and Urchin Grazing on Caribbean Coral Reefs: Are Previous Results Typical?. *Ecology*, **1984**, 65, 446-454	4.6	254
208	CAN QUANTITY REPLACE QUALITY? FOOD CHOICE, COMPENSATORY FEEDING, AND FITNESS OF MARINE MESOGRAZERS. *Ecology*, **2000**, 81, 201-219	4.6	248
207	STRONG IMPACTS OF GRAZING AMPHIPODS ON THE ORGANIZATION OF A BENTHIC COMMUNITY. *Ecological Monographs*, **2000**, 70, 237-263	9	245
206	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, 9683-8	11.5	235
205	Biotic resistance to plant invasions? Native herbivores prefer non-native plants. *Ecology Letters*, **2005**, 8, 959-967	10	232
204	The Functional Morphology of Turf-Forming Seaweeds: Persistence in Stressful Marine Habitats. *Ecology*, **1981**, 62, 739-750	4.6	213
203	Chemical Defense Against Different Marine Herbivores: Are Amphipods Insect Equivalents?. *Ecology*, **1987**, 68, 1567-1580	4.6	211

202	Associational resistance and shared doom: effects of epibiosis on herbivory. *Oecologia*, **1995**, 102, 329-340	3.9	207
201	Food and Shelter as Determinants of Food Choice by an Herbivorous Marine Amphipod. *Ecology*, **1991**, 72, 1286-1298	4.6	206
200	Reef ecology. Chemically mediated behavior of recruiting corals and fishes: a tipping point that may limit reef recovery. *Science*, **2014**, 345, 892-7	33.3	181
199	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, 7314-9	11.5	179
198	Consumer diversity interacts with prey defenses to drive ecosystem function. *Ecology*, **2013**, 94, 1347-58	4.6	178
197	Are Tropical Plants Better Defended? Palatability and Defenses of Temperate vs. Tropical Seaweeds. *Ecology*, **1996**, 77, 2269-2286	4.6	164
196	Herbivore Resistance to Seaweed Chemical Defense: The Roles of Mobility and Predation Risk. *Ecology*, **1994**, 75, 1304-1319	4.6	163
195	Defense of Ascidians and Their Conspicuous Larvae: Adult vs. Larval Chemical Defenses. *Ecological Monographs*, **1992**, 62, 547-568	9	163
194	Constraints on Chemically Mediated Coevolution: Multiple Functions for Seaweed Secondary Metabolites. *Ecology*, **1995**, 76, 107-123	4.6	161
193	Macroalgal terpenes function as allelopathic agents against reef corals. *Proceedings of the National Academy of Sciences of the United States of America*, **2011**, 108, 17726-31	11.5	160
192	Seaweed susceptibility to herbivory: chemical and morphological correlates. *Marine Ecology - Progress Series*, **1986**, 33, 255-264	2.6	157
191	Herbivory, Algal Distribution, and the Maintenance of Between-Habitat Diversity on a Tropical Fringing Reef. *American Naturalist*, **1981**, 118, 520-540	3.7	152
190	Associational plant refuges: convergent patterns in marine and terrestrial communities result from differing mechanisms. *Oecologia*, **1988**, 77, 118-129	2.9	151
189	Spatial patterns of agrazing intensity on a caribbean barrier reef: Herbivory and algal distribution. *Aquatic Botany*, **1981**, 11, 97-109	1.8	151
188	Palatability and Chemical Defense of Marine Invertebrate Larvae. *Ecological Monographs*, **1996**, 66, 431-450	9	145
187	Chemical Defense Against Diverse Coral-Reef Herbivores. *Ecology*, **1987**, 68, 1581-1591	4.6	144
186	Susceptibility to Herbivores Depends on Recent History of both the Plant and Animal. *Ecology*, **1996**, 77, 1531-1543	4.6	141
185	Seaweed Adaptations to Herbivory. *BioScience*, **1990**, 40, 368-375	5.7	134

184	Mutualisms and Aquatic Community Structure: The Enemy of My Enemy Is My Friend. *Annual Review of Ecology, Evolution, and Systematics*, **2004**, 35, 175-197	13.5	132
183	Multalism between Harvester Ants and a Desert Ephemeral: Seed Escape from Rodents. *Ecology*, **1980**, 61, 531-540	4.6	132
182	Induction of Seaweed Chemical Defenses by Amphipod Grazing. *Ecology*, **1996**, 77, 2287-2301	4.6	127
181	Within-plant variation in seaweed palatability and chemical defenses: optimal defense theory versus the growth-differentiation balance hypothesis. *Oecologia*, **1996**, 105, 361-368	2.9	127
180	The ecology and evolution of seaweed-herbivore interactions on coral reefs. *Coral Reefs*, **1997**, 16, S67-S76	4.6	125
179	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	2.9	120
178	Spatial and temporal patterns in herbivory on a Caribbean fringing reef: the effects on plant distribution. *Oecologia*, **1983**, 58, 299-308	2.9	119
177	Impact of herbivore identity on algal succession and coral growth on a Caribbean reef. *PLoS ONE*, **2010**, 5, e8963	3.7	118
176	Large mobile versus small sedentary herbivores and their resistance to seaweed chemical defenses. *Oecologia*, **1988**, 75, 246-252	2.9	118
175	Predictable spatial escapes from herbivory: how do these affect the evolution of herbivore resistance in tropical marine communities?. *Oecologia*, **1984**, 64, 396-407	2.9	118
174	PREY NUTRITIONAL QUALITY INTERACTS WITH CHEMICAL DEFENSES TO AFFECT CONSUMER FEEDING AND FITNESS. *Ecological Monographs*, **2003**, 73, 483-506	9	117
173	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	2.6	112
172	The effects of diet mixing on consumer fitness: macroalgae, epiphytes, and animal matter as food for marine amphipods. *Oecologia*, **2000**, 123, 252-264	2.9	109
171	Chemically mediated competition between microbes and animals: microbes as consumers in food webs. *Ecology*, **2006**, 87, 2821-31	4.6	108
170	Genetic variation of the bloom-forming Cyanobacterium Microcystis aeruginosa within and among lakes: implications for harmful algal blooms. *Applied and Environmental Microbiology*, **2005**, 71, 6126-33	4.8	107
169	The Chemical Ecology of Plant□Herbivore Interactions in Marine versus Terrestrial Communities **1992**, 371-413		106
168	Does algal morphology affect amphipod susceptibility to fish predation?. *Journal of Experimental Marine Biology and Ecology*, **1990**, 139, 65-83	2.1	102
167	Seaweed-herbivore-predator interactions: host-plant specialization reduces predation on small herbivores. *Oecologia*, **1989**, 81, 418-427	2.9	101

166	Host-Plant Specialization Decreases Predation on a Marine Amphipod: An Herbivore in Plant's Clothing. *Ecology*, **1990**, 71, 733-743	4.6	101
165	Competition between herbivourous fishes and urchins on Caribbean reefs. *Oecologia*, **1985**, 65, 591-598	2.9	100
164	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, 10512-7	11.5	99
163	Herbivore preference for native vs. exotic plants: generalist herbivores from multiple continents prefer exotic plants that are evolutionarily naïve. *PLoS ONE*, **2011**, 6, e17227	3.7	97
162	Tissue-specific induction of herbivore resistance: seaweed response to amphipod grazing. *Oecologia*, **2002**, 132, 68-76	2.9	97
161	Facultative mutualism between an herbivorous crab and a coralline alga: advantages of eating noxious seaweeds. *Oecologia*, **1996**, 105, 377-387	2.9	97
160	Effects of nutrients versus herbivores on reef algae: A new method for manipulating nutrients on coral reefs. *Limnology and Oceanography*, **1999**, 44, 1847-1861	4.8	93
159	Effects of Light and Nutrient Availability on the Growth, Secondary Chemistry, and Resistance to Herbivory of Two Brown Seaweeds. *Oikos*, **1996**, 77, 93	4	92
158	Effects of fish predation and seaweed competition on the survival and growth of corals. *Oecologia*, **1998**, 113, 231-238	2.9	86
157	High content live cell imaging for the discovery of new antimalarial marine natural products. *BMC Infectious Diseases*, **2012**, 12, 1	4	83
156	REDUCING PREDATION THROUGH CHEMICALLY MEDIATED CAMOUFLAGE: INDIRECT EFFECTS OF PLANT DEFENSES ON HERBIVORES. *Ecology*, **1999**, 80, 495-509	4.6	83
155	Coral-Seaweed-Grazer-Nutrient Interactions on Temperate Reefs. *Ecological Monographs*, **1996**, 66, 323-344	5	82
154	Chemical Defenses of Freshwater Macrophytes Against Crayfish Herbivory. *Journal of Chemical Ecology*, **1998**, 24, 1639-1658	2.7	81
153	Fish-Seaweed Interactions on Coral Reefs: Effects of Herbivorous Fishes and Adaptations of Their Prey **1991**, 96-119		81
152	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	2.9	80
151	Effects of herbivory, nutrients, and reef protection on algal proliferation and coral growth on a tropical reef. *Oecologia*, **2012**, 169, 187-98	2.9	77
150	Nutrient versus herbivore control of macroalgal community development and coral growth on a Caribbean reef. *Marine Ecology - Progress Series*, **2009**, 389, 71-84	2.6	77
149	MUTUALISM AND CORAL PERSISTENCE: THE ROLE OF HERBIVORE RESISTANCE TO ALGAL CHEMICAL DEFENSE. *Ecology*, **1999**, 80, 2085-2101	4.6	76

148	Chemical Ecology and Marine Biodiversity: Insights and Products from the Sea. *Oceanography*, **1996**, 9, 10-20	2.3	76
147	Seaweed-coral interactions: variance in seaweed allelopathy, coral susceptibility, and potential effects on coral resilience. *PLoS ONE*, **2014**, 9, e85786	3.7	75
146	Geographic Variation in Camouflage Specialization by a Decorator Crab. *American Naturalist*, **2000**, 156, 59-71	3.7	74
145	Responses of temperate reef fishes to alterations in algal structure and species composition. *Marine Ecology - Progress Series*, **1996**, 134, 37-47	2.6	74
144	Galactolipids rather than phlorotannins as herbivore deterrents in the brown seaweed Fucus vesiculosus. *Oecologia*, **2003**, 136, 107-14	2.9	70
143	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	2.7	66
142	Feeding complementarity versus redundancy among herbivorous fishes on a Caribbean reef. *Coral Reefs*, **2011**, 30, 351-362	4.2	65
141	Antimalarial bromophycolides J-Q from the Fijian red alga Callophycus serratus. *Journal of Organic Chemistry*, **2009**, 74, 2736-42	4.2	65
140	Antineoplastic diterpene-benzoate macrolides from the Fijian red alga Callophycus serratus. *Organic Letters*, **2005**, 7, 5261-4	6.2	65
139	Chemical defense of brown algae (Dictyopteris spp.) against the herbivorous amphipod Ampithoe longimana. *Oecologia*, **2001**, 126, 515-521	2.9	65
138	Ambiguous role of phlorotannins as chemical defenses in the brown alga Fucus vesiculosus. *Marine Ecology - Progress Series*, **2004**, 277, 79-93	2.6	65
137	Indirect Effects of Feral Horses on Estuarine Communities. *Conservation Biology*, **2002**, 16, 1364-1371	6	64
136	Marine-terrestrial contrasts in the ecology of plant chemical defenses against herbivores. *Trends in Ecology and Evolution*, **1991**, 6, 362-5	10.9	63
135	GEOGRAPHIC VARIATION AMONG HERBIVORE POPULATIONS IN TOLERANCE FOR A CHEMICALLY RICH SEAWEED. *Ecology*, **2002**, 83, 2721-2735	4.6	62
134	Intraspecific variation in growth and morphology of the bloom-forming cyanobacterium Microcystis aeruginosa. *Applied and Environmental Microbiology*, **2006**, 72, 7386-9	4.8	60
133	Effects of epibiosis on consumer–prey interactions. *Hydrobiologia*, **1997**, 355, 49-59	2.4	59
132	Chemical defense in the seaweed Dictyopteris delicatula: differential effects against reef fishes and amphipods. *Marine Ecology - Progress Series*, **1988**, 48, 185-192	2.6	59
131	Specialist herbivores reduce their susceptibility to predation by feeding on the chemically defended seaweed Avrainvillea longicaulis. *Limnology and Oceanography*, **1990**, 35, 1734-1743	4.8	58

130	Herbivory in the marine realm. *Current Biology*, **2017**, 27, R484-R489	6.3	56
129	Crayfish Feeding Preferences for Freshwater Macrophytes: The Influence of Plant Structure and Chemistry. *Journal of Crustacean Biology*, **2002**, 22, 708-718	0.8	56
128	Effects of herbivores, nutrient enrichment, and their interactions on macroalgal proliferation and coral growth. *Coral Reefs*, **2009**, 28, 555-568	4.2	55
127	CRAYFISH FEEDING PREFERENCES FOR FRESHWATER MACROPHYTES: THE INFLUENCE OF PLANT STRUCTURE AND CHEMISTRY. *Journal of Crustacean Biology*, **2002**, 22, 708-718	0.8	55
126	Beaver herbivory on aquatic plants. *Oecologia*, **2007**, 151, 616-25	2.9	53
125	Geographic and genetic variation in feeding preference for chemically defended seaweeds. *Evolution; International Journal of Organic Evolution*, **2003**, 57, 2262-76	3.8	53
124	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	2.7	51
123	Community and ecosystem level consequences of chemical cues in the plankton. *Journal of Chemical Ecology*, **2002**, 28, 2001-16	2.7	51
122	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	2.6	51
121	Reduced mobility is associated with compensatory feeding and increased diet breadth of marine crabs. *Marine Ecology - Progress Series*, **1999**, 188, 169-178	2.6	51
120	Seaweed secondary metabolites as antifoulants: effects of Dictyota spp. diterpenes on survivorship, settlement, and development of marine invertebrate larvae. *Chemoecology*, **1998**, 8, 125-131	2	50
119	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	2.1	50
118	Seaweed allelopathy against coral: surface distribution of a seaweed secondary metabolite by imaging mass spectrometry. *Journal of Chemical Ecology*, **2012**, 38, 1203-14	2.7	49
117	Corals chemically cue mutualistic fishes to remove competing seaweeds. *Science*, **2012**, 338, 804-7	33.3	48
116	Two antifeedant lignans from the freshwater macrophyte Saururus cernuus. *Phytochemistry*, **2000**, 54, 281-7	4	48
115	Intraspecific variation in palatability and defensive chemistry of brown seaweeds: effects on herbivore fitness. *Oecologia*, **2003**, 136, 412-23	2.9	47
114	Host-plant specialization by a non-herbivorous amphipod: advantages for the amphipod and costs for the seaweed. *Oecologia*, **1999**, 118, 471-482	2.9	47
113	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	2.1	47

112	Seed Escape from Heteromyid Rodents: The Importance of Microhabitat and Seed Preference. *Ecology*, **1981**, 62, 1395-1399	4.6	47
111	Antibacterial neurymenolides from the Fijian red alga Neurymenia fraxinifolia. *Organic Letters*, **2009**, 11, 225-8	6.2	46
110	Callophycoic acids and callophycols from the Fijian red alga Callophycus serratus. *Journal of Organic Chemistry*, **2007**, 72, 7343-51	4.2	46
109	Predator release of the gastropod Cyphoma gibbosum increases predation on gorgonian corals. *Oecologia*, **2007**, 154, 167-73	2.9	46
108	Bioactive bromophycolides R-U from the Fijian red alga Callophycus serratus. *Journal of Natural Products*, **2010**, 73, 275-8	4.9	45
107	Activated chemical defenses in tropical versus temperate seaweeds. *Marine Ecology - Progress Series*, **2000**, 207, 243-253	2.6	45
106	Propagule pressure of an invasive crab overwhelms native biotic resistance. *Marine Ecology - Progress Series*, **2007**, 342, 191-196	2.6	43
105	An invasive crab alters interaction webs in a marine community. *Biological Invasions*, **2008**, 10, 347-358	2.7	41
104	Bromophycolides C-I from the Fijian red alga Callophycus serratus. *Journal of Natural Products*, **2006**, 69, 731-5	4.9	41
103	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	4.8	40
102	Cascading predator effects in a Fijian coral reef ecosystem. *Scientific Reports*, **2017**, 7, 15684	4.9	39
101	Ecological leads for natural product discovery: Novel sesquiterpene hydroquinones from the red macroalga Peyssonnelia sp. *Tetrahedron*, **2010**, 66, 455-461	2.4	39
100	Stream mosses as chemically-defended refugia for freshwater macroinvertebrates. *Oikos*, **2007**, 116, 302-312	4	39
99	Do brominated natural products defend marine worms from consumers? Some do, most don't. *Limnology and Oceanography*, **2004**, 49, 430-441	4.8	39
98	Can Small Rare Prey be Chemically Defended? The Case for Marine Larvae. *Ecology*, **1995**, 76, 1347-1358	4.6	39
97	Small Marine Protected Areas in Fiji Provide Refuge for Reef Fish Assemblages, Feeding Groups, and Corals. *PLoS ONE*, **2017**, 12, e0170638	3.7	39
96	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	4.4	38
95	INTEGRATING PREY DEFENSIVE TRAITS: CONTRASTS OF MARINE WORMS FROM TEMPERATE AND TROPICAL HABITATS. *Ecological Monographs*, **2006**, 76, 195-215	9	37

94	Trophic interactions across 61 degrees of latitude in the Western Atlantic. *Global Ecology and Biogeography*, **2019**, 28, 107-117	6.1	37
93	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	2.6	35
92	To avoid or deter: interactions among defensive and escape strategies in sabellid worms. *Oecologia* , **2007**, 151, 161-73	2.9	33
91	Seaweed sex pheromones and their degradation products frequently suppress amphipod feeding but rarely suppress sea urchin feeding. *Chemoecology*, **1998**, 8, 91-98	2	32
90	Functional morphology of intertidal seaweeds; adaptive significance of aggregate vs. solitary forms. *Marine Ecology - Progress Series*, **1984**, 18, 295-302	2.6	32
89	A field test of inducible resistance to specialist and generalist herbivores using the water lily Nuphar luteum. *Oecologia*, **1998**, 116, 143-153	2.9	31
88	Food preference and chemotaxis in the sea urchin Arbaciapunctulata (Lamarck) Philippi. *Journal of Experimental Marine Biology and Ecology*, **1986**, 96, 147-153	2.1	31
87	Fishes learn aversions to a nudibranch?s chemical defense. *Marine Ecology - Progress Series*, **2006**, 307, 199-208	2.6	31
86	Contact with turf algae alters the coral microbiome: contact versus systemic impacts. *Coral Reefs*, **2018**, 37, 1-13	4.2	30
85	Unusual antimalarial meroditerpenes from tropical red macroalgae. *Bioorganic and Medicinal Chemistry Letters*, **2010**, 20, 5662-5	2.9	30
84	Secondary metabolites of the chemically rich ascoglossanCyerce nigricans. *Experientia*, **1990**, 46, 327-329		30
83	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	2.5	29
82	Population dynamics of the non-native crab Petrolisthes armatus invading the South Atlantic Bight at densities of thousands m?2. *Marine Ecology - Progress Series*, **2007**, 336, 211-223	2.6	29
81	Ecology and bioprospecting. *Austral Ecology*, **2011**, 36, 341-356	1.5	28
80	Lignoid chemical defenses in the freshwater macrophyte Saururus cernuus. *Chemoecology*, **2001**, 11, 1-8	2	28
79	Antineoplastic unsaturated fatty acids from Fijian macroalgae. *Phytochemistry*, **2008**, 69, 2495-500	4	27
78	Structure and biological evaluation of novel cytotoxic sterol glycosides from the marine red alga Peyssonnelia sp. *Bioorganic and Medicinal Chemistry*, **2010**, 18, 8264-9	3.4	26
77	Secondary metabolite chemistry of the caribbean marine alga Sporochnus bolleanus: A basis for herbivore chemical defence. *Phytochemistry*, **1992**, 32, 71-75	4	25

76	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	2.6	25
75	Bioassays with Marine and Freshwater Macroorganisms **1998**, 39-141		25
74	Bromophycoic acids: bioactive natural products from a Fijian red alga Callophycus sp. *Journal of Organic Chemistry*, **2012**, 77, 8000-6	4.2	24
73	Gene expression patterns of the coral in response to contact with macroalgae. *Coral Reefs*, **2012**, 31, 1177-1192	4.2	24
72	Seaweed allelopathy degrades the resilience and function of coral reefs. *Communicative and Integrative Biology*, **2010**, 3, 564-6	1.7	24
71	Chemical defense of hydrothermal vent and hydrocarbon seep organisms: a preliminary assessment using shallow-water consumers. *Marine Ecology - Progress Series*, **2004**, 275, 11-19	2.6	24
70	Palatability of marine macro-holoplankton: Nematocysts, nutritional quality, and chemistry as defenses against consumers. *Limnology and Oceanography*, **2002**, 47, 1456-1467	4.8	24
69	Palatability and defense of some tropical infaunal worms: alkylpyrrole sulfamates as deterrents to fish feeding. *Marine Ecology - Progress Series*, **2003**, 263, 299-306	2.6	24
68	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, 12110-5	11.5	22
67	Species as 'noise' in community ecology: do seaweeds block our view of the kelp forest?. *Trends in Ecology and Evolution*, **1994**, 9, 414-6	10.9	22
66	Amphipods Are Not All Created Equal: A Reply to Bell. *Ecology*, **1991**, 72, 354-358	4.6	22
65	Effects of ocean acidification on the potency of macroalgal allelopathy to a common coral. *Scientific Reports*, **2017**, 7, 41053	4.9	21
64	Seaweed allelopathy to corals: are active compounds on, or in, seaweeds?. *Coral Reefs*, **2017**, 36, 247-253	4.2	21
63	Predation constrains host choice for a marine mesograzer. *Marine Ecology - Progress Series*, **2011**, 434, 91-99	2.6	21
62	Biodiversity enhances coral growth, tissue survivorship and suppression of macroalgae. *Nature Ecology and Evolution*, **2019**, 3, 178-182	12.3	21
61	Induced chemical defenses in a freshwater macrophyte suppress herbivore fitness and the growth of associated microbes. *Oecologia*, **2011**, 165, 427-36	2.9	20
60	Organic Sulfur Compounds from Dictyopteris spp. Deter Feeding by an Herbivorous Amphipod (Ampithoe longimana) but Not by an Herbivorous Sea Urchin (Arbacia punctulata). *Journal of Chemical Ecology*, **1998**, 24, 1715-1732	2.7	20
59	Debromoisocymobarbatol, a new chromanol feeding deterrent from the marine alga Cymopolia barbata. *Phytochemistry*, **1992**, 31, 4115-4118	4	19

58	Are lower-latitude plants better defended? Palatability of freshwater macrophytes. *Ecology*, **2012**, 93, 65-74	4.6	18
57	Habenariol, a freshwater feeding deterrent from the aquatic orchid Habenaria repens (Orchidaceae). *Phytochemistry*, **1999**, 50, 1333-1336	4	18
56	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,	1.8	18
55	Positive Feedbacks Enhance Macroalgal Resilience on Degraded Coral Reefs. *PLoS ONE*, **2016**, 11, e0155049	3.7	18
54	Structures and absolute configurations of sulfate-conjugated triterpenoids including an antifungal chemical defense of the green macroalga Tydemania expeditionis. *Journal of Natural Products*, **2008**, 71, 1616-9	4.9	17
53	Defensive 2-alkylpyrrole sulfamates from the marine annelid Cirriformia tentaculata. *Journal of Natural Products*, **2003**, 66, 1110-2	4.9	17
52	Acutilols, potent herbivore feeding deterrents from the tropical brown alga, Dictyota acutiloba. *Phytochemistry*, **1996**, 43, 71-73	4	17
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