Jon N Havenhand

List of Publications by Year
in descending order

95 papers	3,882 citations	117625 34 h-index	138484 58 g-index
98 all docs	98 docs citations	98 times ranked	4270 citing authors

#	Article	IF	Citations
1	Experimental strategies to assess the biological ramifications of multiple drivers of global ocean changeâ€"A review. Global Change Biology, 2018, 24, 2239-2261.	9.5	285
2	Near-future level of CO2-driven ocean acidification radically affects larval survival and development in the brittlestar Ophiothrix fragilis. Marine Ecology - Progress Series, 2008, 373, 285-294.	1.9	274
3	Near-future levels of ocean acidification reduce fertilization success in a sea urchin. Current Biology, 2008, 18, R651-R652.	3.9	229
4	Consumers mediate the effects of experimental ocean acidification and warming on primary producers. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 8603-8608.	7.1	131
5	The effectiveness of yoga for the improvement of well-being and resilience to stress in the workplace. Scandinavian Journal of Work, Environment and Health, 2011, 37, 70-76.	3.4	119
6	Comparing reconstructed past variations and future projections of the Baltic Sea ecosystemâ€"first results from multi-model ensemble simulations. Environmental Research Letters, 2012, 7, 034005.	5.2	116
7	Habitat traits and food availability determine the response of marine invertebrates to ocean acidification. Global Change Biology, 2014, 20, 765-777.	9.5	112
8	Near-future levels of ocean acidification do not affect sperm motility and fertilization kinetics in the oyster <i>Crassostrea gigas</i>. Biogeosciences, 2009, 6, 3009-3015.	3.3	106
9	Interactive Effects of Ocean Acidification, Elevated Temperature, and Reduced Salinity on Early-Life Stages of the Pacific Oyster. Environmental Science & Technology, 2014, 48, 10079-10088.	10.0	102
10	Transient sexual mimicry leads to fertilization. Nature, 2005, 433, 212-212.	27.8	100
11	Individual Variability in Reproductive Success Determines Winners and Losers under Ocean Acidification: A Case Study with Sea Urchins. PLoS ONE, 2012, 7, e53118.	2.5	88
12	Behavioural and genetic assessment of reproductive success in a spawning aggregation of the Australian giant cuttlefish, Sepia apama. Animal Behaviour, 2004, 67, 1043-1050.	1.9	75
13	Yoga for reducing perceived stress and back pain at work. Occupational Medicine, 2012, 62, 606-612.	1.4	72
14	Experimental climate change weakens the insurance effect of biodiversity. Ecology Letters, 2012, 15, 864-872.	6.4	70
15	MALE DISCRIMINATION OF FEMALE MUCOUS TRAILS PERMITS ASSORTATIVE MATING IN A MARINE SNAIL SPECIES. Evolution; International Journal of Organic Evolution, 2008, 62, 3178-3184.	2.3	62
16	Ocean acidification as a multiple driver: how interactions between changing seawater carbonate parameters affect marine life. Marine and Freshwater Research, 2020, 71, 263.	1.3	62
17	INCREASING INTRASPECIFIC DIVERSITY ENHANCES SETTLING SUCCESS IN A MARINE INVERTEBRATE. Ecology, 2005, 86, 3219-3224.	3.2	58
18	Spawning and Dispersal in <i>Ciona intestinalis</i> (L.). Marine Ecology, 1993, 14, 53-66.	1.1	57

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19	Evidence for biased use of sperm sources in wild female giant cuttlefish (Sepia apama). Proceedings of the Royal Society B: Biological Sciences, 2005, 272, 1047-1051.	2.6	57
20	Variation in sperm swimming behaviour and its effect on fertilization success in the serpulid polychaete<i>Galeolaria caespitosa</i>. Invertebrate Reproduction and Development, 2002, 41, 21-26.	0.8	56
21	Reproductive Behavior in the Squid Sepioteuthis australis From South Australia: Interactions on the Spawning Grounds. Biological Bulletin, 2003, 204, 305-317.	1.8	56
22	How will Ocean Acidification Affect Baltic Sea Ecosystems? An Assessment of Plausible Impacts on Key Functional Groups. Ambio, 2012, 41, 637-644.	5.5	55
23	Ocean acidification has lethal and sub-lethal effects on larval development of yellowfin tuna, Thunnus albacares. Journal of Experimental Marine Biology and Ecology, 2016, 482, 18-24.	1.5	54
24	Egg to juvenile period, generation time, and the evolution of larval type in marine invertebrates. Marine Ecology - Progress Series, 1993, 97, 247-260.	1.9	51
25	Physiological versus viscosity-induced effects of an acute reduction in water temperature on microsphere ingestion by trochophore larvae of the serpulid polychaete Galeolaria caespitosa. Journal of Plankton Research, 1998, 20, 2153-2164.	1.8	48
26	Chemical Mediation of Sperm Activity and Longevity in the Solitary Ascidians Ciona intestinalis and Ascidiella aspersa. Biological Bulletin, 1996, 190, 329-335.	1.8	46
27	Effects of temperature on sperm swimming behaviour, respiration and fertilization success in the serpulid polychaete,<i>Galeolaria caespitosa</i>(Annelida: Serpulidae). Invertebrate Reproduction and Development, 2005, 48, 7-17.	0.8	46
28	The potential impact of ocean acidification upon eggs and larvae of yellowfin tuna (Thunnus) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 382	1.4	44
29	Larval metamorphosis of the opisthobranch molluscAdalaria proxima(Gastropoda: Nudibranchia): the effects of choline and elevated potassium ion concentration. Journal of the Marine Biological Association of the United Kingdom, 1991, 71, 53-72.	0.8	42
30	Effects of Ocean Acidification and Warming on Sperm Activity and Early Life Stages of the Mediterranean Mussel (Mytilus galloprovincialis). Water (Switzerland), 2013, 5, 1890-1915.	2.7	42
31	No barrier to emergence of bathyal king crabs on the Antarctic shelf. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 12997-13002.	7.1	40
32	Effects of constant and varying temperatures on the development of blue swimmer crab (Portunus) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5 Journal of Experimental Marine Biology and Ecology, 2006, 329, 218-229.	1.5	39
33	Ocean acidification impacts on sperm mitochondrial membrane potential bring sperm swimming behaviour near its tipping point. Journal of Experimental Biology, 2015, 218, 1084-1090.	1.7	38
34	Adjustments in fatty acid composition is a mechanism that can explain resilience to marine heatwaves and future ocean conditions in the habitatâ€forming seaweed <i>Phyllospora comosa</i> (LabillardiÃ¨re) C.Agardh. Global Change Biology, 2020, 26, 3512-3524.	9.5	38
35	Investigating a possible role for the bacterial signal molecules Nâ€acylhomoserine lactones in <i><scp>B</scp>alanus improvisus</i> cyprid settlement. Molecular Ecology, 2013, 22, 2588-2602.	3.9	37
36	Importance of plasticity and local adaptation for coping with changing salinity in coastal areas: a test case with barnacles in the Baltic Sea. BMC Evolutionary Biology, 2014, 14, 156.	3.2	37

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37	Effect of ocean acidification on marine fish sperm (Baltic cod: <i>Gadus) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 7	3.3	35
38	Effects of the planktonic flagellate Chrysochromulina polylepis Manton et Park on fertilization and early development of the ascidian Ciona intestinalis (L.) and the blue mussel Mytilus edulis L. Journal of Experimental Marine Biology and Ecology, 1988, 124, 65-71.	1.5	34
39	Karyotype, nucleolus organiser regions and constitutive heterochromatin in Ostrea angasi (Molluscae: Bivalvia): evidence of taxonomic relationships within the Ostreidae. Marine Biology, 1997, 127, 443-448.	1.5	34
40	Molecular Characterization of the Î±-Subunit of Na+/K+ ATPase from the Euryhaline Barnacle Balanus improvisus Reveals Multiple Genes and Differential Expression of Alternative Splice Variants. PLoS ONE, 2013, 8, e77069.	2.5	31
41	Genetic Differentiation, Pelagic Larval Transport and Gene Flow between Local Populations of the Intertidal Marine Mollusc Adalaria proxima (Alder & Hancock). Functional Ecology, 1988, 2, 441.	3.6	28
42	Postâ€glacial establishment of locally adapted fish populations over a steep salinity gradient. Journal of Evolutionary Biology, 2021, 34, 138-156.	1.7	28
43	Analysis of aquaporins from the euryhaline barnacle Balanus improvisus reveals differential expression in response to changes in salinity. PLoS ONE, 2017, 12, e0181192.	2.5	27
44	Indiscriminate Males: Mating Behaviour of a Marine Snail Compromised by a Sexual Conflict?. PLoS ONE, 2010, 5, e12005.	2.5	27
45	Reproductive Effort of the Nudibranch Molluscs Adalaria proxima (Alder & Hancock) and Onchidoris muricata (Muller): An Evaluation of Techniques. Functional Ecology, 1989, 3, 153.	3.6	26
46	Physiological acclimation to decreased water temperature and the relative importance of water viscosity in determining the feeding performance of larvae of a serpulid polychaete. Journal of Plankton Research, 2005, 27, 875-879.	1.8	26
47	Sperm swimming in the polychaete Galeolaria caespitosa shows substantial inter-individual variability in response to future ocean acidification. Marine Pollution Bulletin, 2014, 78, 213-217.	5.0	26
48	Effects of tissue extract of adults on metamorphosis in Ascidia mentula O.F. MÃ¼ller and Ascidiella scabra (O.F. MÃ¼ller). Journal of Experimental Marine Biology and Ecology, 1987, 110, 171-181.	1.5	25
49	Fertilisation and the potential for dispersal of gametes and larvae in the Solitary Ascidian<i>Ascidia Mentula</i>MÃ¼ller. Ophelia, 1991, 33, 01-15.	0.3	25
50	Reproductive Behavior in the Squid Sepioteuthis australis From South Australia: Ethogram of Reproductive Body Patterns. Biological Bulletin, 2003, 204, 290-304.	1.8	24
51	Sperm motility and longevity in the giant cuttlefish, Sepia apama (Mollusca: Cephalopoda). Marine Biology, 2006, 148, 559-566.	1.5	24
52	BARRIERS TO CROSS-FERTILIZATION BETWEEN POPULATIONS OF A WIDELY DISPERSED POLYCHAETE SPECIES ARE UNLIKELY TO HAVE ARISEN THROUGH GAMETIC COMPATIBILITY ARMS-RACES. Evolution; International Journal of Organic Evolution, 2008, 62, 3041-3055.	2.3	24
53	Pathogenic marine microbes influence the effects of climate change on a commercially important tropical bivalve. Scientific Reports, 2016, 6, 32413.	3.3	23
54	Physiological versus viscosity-induced effects of water temperature on the swimming and sinking velocity of larvae of the serpulid polychaete Galeolaria caespitosa. Marine Ecology - Progress Series, 1997, 159, 209-218.	1.9	23

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55	Variable salinity tolerance in ascidian larvae is primarily a plastic response to the parental environment. Evolutionary Ecology, 2014, 28, 561-572.	1.2	22
56	Immigrant reproductive dysfunction facilitates ecological speciation. Evolution; International Journal of Organic Evolution, 2017, 71, 2510-2521.	2.3	22
57	Evidence of rapid adaptive trait change to local salinity in the sperm of an invasive fish. Evolutionary Applications, 2020, 13, 533-544.	3.1	22
58	The Story of a Hitchhiker: Population Genetic Patterns in the Invasive Barnacle Balanus(Amphibalanus) improvisus Darwin 1854. PLoS ONE, 2016, 11, e0147082.	2.5	20
59	Climate change and the threat of novel marine predators in Antarctica. Ecosphere, 2017, 8, e02017.	2.2	20
60	Population and life-stage specific sensitivities to temperature and salinity stress in barnacles. Scientific Reports, 2016, 6, 32263.	3.3	18
61	Physiological ecology of Adalaria proxima (Alder et Hancock) and Onchidoris muricata (MÃ¼ller) (Gastropoda: Nudibranchia). II. Reproduction. Journal of Experimental Marine Biology and Ecology, 1988, 118, 173-189.	1.5	16
62	Larval development of the barnacle Amphibalanus improvisus responds variably but robustly to near-future ocean acidification. ICES Journal of Marine Science, 2013, 70, 805-811.	2.5	16
63	Communityâ€level effects of rapid experimental warming and consumer loss outweigh effects of rapid ocean acidification. Oikos, 2015, 124, 1040-1049.	2.7	16
64	Physiological ecology of Adalaria proxima (Alder et Hancock) and Onchidoris muricata (MÃ¼ller) (Gastropoda: Nudibranchia). I. Freeding, growth, and respiration. Journal of Experimental Marine Biology and Ecology, 1988, 118, 151-172.	1.5	15
65	NUDIBRANCH-BRYOZOAN ASSOCIATIONS: THE QUANTIFICATION OF INGESTION AND SOME OBSERVATIONS ON PARTIAL PREDATION AMONG DORIDOIDEA. Journal of Molluscan Studies, 1989, 55, 245-259.	1.2	15
66	Oceanographic barriers to gene flow promote genetic subdivision of the tunicate Ciona intestinalis in a North Sea archipelago. Marine Biology, 2018, 165, 126.	1.5	13
67	Long-term exposure to acidification disrupts reproduction in a marine invertebrate. PLoS ONE, 2018, 13, e0192036.	2.5	13
68	Sperm motility of oysters from distinct populations differs in response to ocean acidification and freshening. Scientific Reports, 2019, 9, 7970.	3.3	13
69	Estimates of biochemical genetic diversity within and between the nudibranch molluscs Adalaria proxima (Alder & Hancock) and Onchidoris muricata (Muller) (Doridacea: Onchidorididae). Journal of Experimental Marine Biology and Ecology, 1986, 95, 105-111.	1.5	12
70	Fertilization Strategies. Ecological Studies, 2009, , 149-164.	1.2	12
71	Variable Individual- and Population- Level Responses to Ocean Acidification. Frontiers in Marine Science, 2016, 3, .	2.5	12
72	Sperm Accumulated Against Surface: A novel alternative bioassay for environmental monitoring. Marine Environmental Research, 2016, 114, 51-57.	2.5	12

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73	Climate Envelope Modeling and Dispersal Simulations Show Little Risk of Range Extension of the Shipworm, Teredo navalis (L.), in the Baltic Sea. PLoS ONE, 2015, 10, e0119217.	2.5	12
74	Preliminary observations on the embryonic and larval development of three dorid nudibranchs. Journal of Molluscan Studies, 1985, 51, 97-99.	1.2	11
75	Ecological and functional consequences of coastal ocean acidification: Perspectives from the Baltic-Skagerrak System. Ambio, 2019, 48, 831-854.	5.5	11
76	On the Behaviour of Opisthobranch Larvae. Journal of Molluscan Studies, 1991, 57, 119-131.	1.2	10
77	Temporal and spatial distribution and abundance of blue swimmer crab (Portunus pelagicus) larvae in a temperate gulf. Marine and Freshwater Research, 2004, 55, 809.	1.3	10
78	Impact of Lagrangian Sea Surface Temperature Variability on Southern Ocean Phytoplankton Community Growth Rates. Global Biogeochemical Cycles, 2021, 35, e2020GB006880.	4.9	10
79	Distribution and abundance of teredinid recruits along the Swedish coast â€" are shipworms invading the Baltic Sea?. Journal of the Marine Biological Association of the United Kingdom, 2015, 95, 783-790.	0.8	9
80	Sperm performance limits the reproduction of an invasive fish in novel salinities. Diversity and Distributions, 2021, 27, 1091-1105.	4.1	9
81	Megalodicopia hians in the Monterey submarine canyon: Distribution, larval development, and culture. Deep-Sea Research Part I: Oceanographic Research Papers, 2006, 53, 215-222.	1.4	8
82	A phenological shift in the time of recruitment of the shipworm, <i>Teredo navalis</i> L., mirrors marine climate change. Ecology and Evolution, 2016, 6, 3862-3870.	1.9	8
83	Linking male and female morphology to reproductive success in captive southern calamary (Sepioteuthis australis). Marine and Freshwater Research, 2005, 56, 933.	1.3	7
84	Low sensitivity of reproductive life-stages in the Pacific oyster (Crassostrea gigas) to abamectin. Chemosphere, 2017, 182, 665-671.	8.2	6
85	Toxic Algae Silence Physiological Responses to Multiple Climate Drivers in a Tropical Marine Food Chain. Frontiers in Physiology, 2019, 10, 373.	2.8	6
86	Societal causes of, and responses to, ocean acidification. Ambio, 2019, 48, 816-830.	5.5	6
87	Ancestral Sperm Ecotypes Reveal Multiple Invasions of a Non-Native Fish in Northern Europe. Cells, 2021, 10, 1743.	4.1	6
88	Polymorphic microsatellite markers for paternity assessment in southern calamari Sepioteuthis australis (Cephalopoda: Loliginidae). Molecular Ecology Notes, 2003, 3, 654-655.	1.7	5
89	Factors affecting formation of adventitious branches in the seaweeds Fucus vesiculosus and F. radicans. BMC Ecology, 2019, 19, 22.	3.0	5
90	Physiological ecology of Adalaria proxima (Alder et Hancock) and Onchidoris muricata (MÃ¼ller) (Gastropoda: Nudibranchia). III. Energy budgets. Journal of Experimental Marine Biology and Ecology, 1988, 118, 191-205.	1.5	4

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91	CO2-driven acidification radically affects larval survival and development in marine organisms. Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology, 2008, 150, S170.	1.8	4
92	Influence of bacteria on shell dissolution in dead gastropod larvae and adult Limacina helicina pteropods under ocean acidification conditions. Marine Biology, 2018, 165, 1.	1.5	4
93	Sperm adaptation in relation to salinity in three goby species. Journal of Fish Biology, 2021, 99, 607-613.	1.6	4
94	Impacts of Climate Change, Including Acidification, on Marine Ecosystems and Fisheries. , 2012, , 129-160.		1
95	Molecular, behavioural and morphological comparisons of sperm adaptations in a fish with alternative reproductive tactics. Evolutionary Applications, 0, , .	3.1	1