Craig D.H. Sherman

List of Publications by Year
in descending order

74	1,760	279778	330122
papers	citations	23 h-index	37 g-index

76	76	76	2405
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	How did this snail get here? Several dispersal vectors inferred for an aquatic invasive species. Freshwater Biology, 2013, 58, 88-99.	2.4	104
2	Effects of different dietary microalgae on survival, growth, settlement and fatty acid composition of blue mussel (Mytilus galloprovincialis) larvae. Aquaculture, 2010, 309, 115-124.	3.5	98
3	Sexual Selection and the Evolution of Egg-Sperm Interactions in Broadcast-Spawning Invertebrates. Biological Bulletin, 2013, 224, 166-183.	1.8	91
4	Seagrass Restoration Is Possible: Insights and Lessons From Australia and New Zealand. Frontiers in Marine Science, 2020, 7, .	2.5	83
5	A horizon scan of priorities for coastal marine microbiome research. Nature Ecology and Evolution, 2019, 3, 1509-1520.	7.8	77
6	Identifying knowledge gaps in seagrass research and management: An Australian perspective. Marine Environmental Research, 2017, 127, 163-172.	2.5	68
7	Is life history a barrier to dispersal? Contrasting patterns of genetic differentiation along an oceanographically complex coast. Biological Journal of the Linnean Society, 2008, 95, 106-116.	1.6	65
8	Resilience of Zostera muelleri seagrass to smallâ€scale disturbances: the relative importance of asexual versus sexual recovery. Ecology and Evolution, 2014, 4, 450-461.	1.9	63
9	Males with high genetic similarity to females sire more offspring in sperm competition in Peron's tree frogLitoria peronii. Proceedings of the Royal Society B: Biological Sciences, 2008, 275, 971-978.	2.6	53
10	Asexual reproduction does not produce clonal populations of the brooding coral Pocillopora damicornis on the Great Barrier Reef, Australia. Coral Reefs, 2006, 25, 7-18.	2.2	51
11	Mating system variation in the hermaphroditic brooding coral, Seriatopora hystrix. Heredity, 2008, 100, 296-303.	2.6	47
12	Local thermal adaptation and limited gene flow constrain future climate responses of a marine ecosystem engineer. Evolutionary Applications, 2020, 13, 918-934.	3.1	46
13	No detectable impact of small-scale disturbances on â€˜blue carbonâ€™ within seagrass beds. Marine Biology, 2014, 161, 2939-2944.	1.5	44
14	Towards the Optimization of eDNA/eRNA Sampling Technologies for Marine Biosecurity Surveillance. Water (Switzerland), 2021, 13, 1113.	2.7	43
15	FINE-SCALE ADAPTATION IN A CLONAL SEA ANEMONE. Evolution; International Journal of Organic Evolution, 2008, 62, 1373-1380.	2.3	41
16	Rare longâ€distance dispersal of a marine angiosperm across the Pacific Ocean. Global Ecology and Biogeography, 2018, 27, 487-496.	5.8	41
17	Surviving in sprawling suburbs: Suburban environments represent high quality breeding habitat for a widespread shorebird. Landscape and Urban Planning, 2013, 115, 72-80.	7.5	37
18	Highly Disturbed Populations of Seagrass Show Increased Resilience but Lower Genotypic Diversity. Frontiers in Plant Science, 2018, 9, 894.	3.6	34

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19	Local and regional scale habitat heterogeneity contribute to genetic adaptation in a commercially important marine mollusc (Haliotis rubra) from southeastern Australia. Molecular Ecology, 2019, 28, 3053-3072.	3.9	32
20	Tests of ecogeographical relationships in a non-native species: what rules avian morphology?. Oecologia, 2016, 181, 783-793.	2.0	31
21	Identification of novel therapeutics for complex diseases from genome-wide association data. BMC Medical Genomics, 2014, 7, S8.	1.5	27
22	Seagrass Viviparous Propagules as a Potential Long-Distance Dispersal Mechanism. Estuaries and Coasts, 2015, 38, 927-940.	2.2	27
23	Novel therapeutics for coronary artery disease from genome-wide association study data. BMC Medical Genomics, 2015, 8, S1.	1.5	26
24	Best Foot Forward: Nanopore Long Reads, Hybrid Meta-Assembly, and Haplotig Purging Optimizes the First Genome Assembly for the Southern Hemisphere Blacklip Abalone (Haliotis rubra). Frontiers in Genetics, 2019, 10, 889.	2.3	25
25	Spatial variation in reproductive effort of a southern Australian seagrass. Marine Environmental Research, 2016, 120, 214-224.	2.5	24
26	Signatures of selection in a recent invasion reveal adaptive divergence in a highly vagile invasive species. Molecular Ecology, 2021, 30, 1419-1434.	3.9	24
27	Multiple dispersal vectors drive range expansion in an invasive marine species. Molecular Ecology, 2016, 25, 5001-5014.	3.9	23
28	Fine-scale patterns of genetic variation in a widespread clonal seagrass species. Marine Biology, 2016, 163, 1.	1.5	23
29	Within-population variation in ejaculate characteristics in a prolonged breeder, Peronâ€™s tree frog, Litoria peronii. Die Naturwissenschaften, 2008, 95, 1055-1061.	1.6	21
30	Detecting marine pests using environmental DNA and biophysical models. Science of the Total Environment, 2022, 816, 151666.	8.0	19
31	Species composition and hybridisation of mussel species (Bivalvia: Mytilidae) in Australia. Marine and Freshwater Research, 2016, 67, 1955.	1.3	18
32	Advances in approaches to seagrass restoration in Australia. Ecological Management and Restoration, 2021, 22, 10-21.	1.5	18
33	Seed germination in a southern Australian temperate seagrass. PeerJ, 2017, 5, e3114.	2.0	18
34	Reproductive, Dispersal and Recruitment Strategies in Australian Seagrasses. , 2018, , 213-256.		17
35	Do reproductive tactics vary with habitat heterogeneity in the intertidal sea anemone Actinia tenebrosa?. Journal of Experimental Marine Biology and Ecology, 2007, 340, 259-267.	1.5	16
36	Consistent maleâ€“male paternity differences across female genotypes. Biology Letters, 2009, 5, 232-234.	2.3	16

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37	De Novo Assembly and Characterization of the Invasive Northern Pacific Seastar Transcriptome. PLoS ONE, 2015, 10, e0142003.	2.5	16
38	Spatial variation of bacterial and fungal communities of estuarine seagrass leaf microbiomes. Aquatic Microbial Ecology, 2020, 84, 59-74.	1.8	16
39	Development of twenty-three novel microsatellite markers for the seagrass, Zostera muelleri from Australia. Conservation Genetics Resources, 2012, 4, 689-693.	0.8	14
40	Swooping in the Suburbs; Parental Defence of an Abundant Aggressive Urban Bird against Humans. Animals, 2013, 3, 754-766.	2.3	14
41	Female Choice for Males with Greater Fertilization Success in the Swedish Moor Frog, Rana arvalis. PLoS ONE, 2010, 5, e13634.	2.5	14
42	Male and female effects on fertilization success and offspring viability in the Peron's tree frog,Litoria peronii. Austral Ecology, 2008, 33, 348-352.	1.5	12
43	Ocean warming threatens key trophic interactions supporting a commercial fishery in a climate change hotspot. Global Change Biology, 2021, 27, 6498-6511.	9.5	12
44	A physiological cost to behavioural tolerance. Behavioural Processes, 2020, 181, 104250.	1.1	11
45	Genetic data and climate niche suitability models highlight the vulnerability of a functionally important plant species from southâ€eastern Australia. Evolutionary Applications, 2020, 13, 2014-2029.	3.1	10
46	An assessment of the seascape genetic structure and hydrodynamic connectivity for subtropical seagrass restoration. Restoration Ecology, 2021, 29, .	2.9	10
47	Microsatellite primer development for the seagrass Zostera nigricaulis (Zosteraceae). Conservation Genetics Resources, 2013, 5, 607-610.	0.8	9
48	Sharing the Load: Role Equity in the Incubation of a Monomorphic Shorebird, the Masked Lapwing (Vanellus miles). Wilson Journal of Ornithology, 2015, 127, 730-733.	0.2	9
49	Human residential status and habitat quality affect the likelihood but not the success of lapwing breeding in an urban matrix. Science of the Total Environment, 2016, 556, 189-195.	8.0	9
50	Acoustic cues from within the egg do not heighten depredation risk to shorebird clutches. Behavioral Ecology, 2017, 28, 811-817.	2.2	9
51	An assessment of radio telemetry for monitoring shorebird chick survival and causes of mortality. Wildlife Research, 2019, 46, 622.	1.4	8
52	Landscape context and dispersal ability as determinants of population genetic structure in freshwater fishes. Freshwater Biology, 2022, 67, 338-352.	2.4	8
53	The more pieces, the better the puzzle: sperm concentration increases gametic compatibility. Ecology and Evolution, 2015, 5, 4354-4364.	1.9	7
54	Plover parents care more for young of the opposite sex. Behavioral Ecology, 2018, 29, 933-938.	2.2	7

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55	Development of novel microsatellite markers for the invasive Northern Pacific seastar, Asterias amurensis. Conservation Genetics Resources, 2012, 4, 327-330.	0.8	6
56	Investment in sensory structures, testis size, and wing coloration in males of a diurnal moth species: tradeâ€offs or correlated growth?. Ecology and Evolution, 2015, 5, 1601-1608.	1.9	6
57	Low levels of genetic structuring in King George whiting <scp>Sillaginodes punctatus</scp> across two geographic regions. Journal of Fish Biology, 2018, 92, 523-531.	1.6	6
58	Polymorphic microsatellite loci in the Australian tree frog, Litoria peronii. Conservation Genetics, 2007, 8, 999-1001.	1.5	4
59	Sperm competition and offspring viability at hybridization in Australian tree frogs, Litoria peronii and L. tyleri. Heredity, 2010, 104, 141-147.	2.6	4
60	Patterns of connectivity and population structure of the southern calamary Sepioteuthis australis in southern Australia. Marine and Freshwater Research, 2015, 66, 942.	1.3	4
61	Factors affecting settlement, growth and metamorphosis of hatchery-produced Australian blue mussel larvae. Aquaculture International, 2021, 29, 1963-1977.	2.2	4
62	Consistent Paternity Skew through Ontogeny in Peron's Tree Frog (Litoria peronii). PLoS ONE, 2009, 4, e8252.	2.5	3
63	Development of twenty-four novel microsatellite markers for the freshwater crayfish, Geocharax gracilis, using next generation sequencing. Conservation Genetics Resources, 2012, 4, 555-558.	0.8	3
64	Genetic Connectivity in Tropical and Temperate Australian Seagrass Species. , 2018, , 155-194.		3
65	Equitable Chick Survival in Three Species of the Non-Migratory Shorebird Despite Species-Specific Sexual Dimorphism of the Young. Animals, 2019, 9, 271.	2.3	3
66	Evidence of historical isolation and genetic structuring among broadnose sevengill sharks (Notorynchus cepedianus) from the worldâ€™s major oceanic regions. Reviews in Fish Biology and Fisheries, 2021, 31, 433-447.	4.9	3
67	Size matters: variations in seagrass seed size at local scales affects seed performance. Hydrobiologia, 2022, 849, 2335-2352.	2.0	3
68	Whole genome resequencing reveals signatures of rapid selection in a virusâ€affected commercial fishery. Molecular Ecology, 2022, 31, 3658-3671.	3.9	3
69	Response to â€œComment on â€˜Seagrass Viviparous Propagules as a Potential Long-Distance Dispersal Mechanismâ€™ by A. C. G. Thomson et alâ€• Estuaries and Coasts, 2016, 39, 875-876.	2.2	2
70	Environmental Influences on Neuromorphology in the Non-Native Starling <i>Sturnus vulgaris</i>. Brain, Behavior and Evolution, 2018, 92, 63-70.	1.7	2
71	Dark heterochromia in adult masked lapwings is universal, asymmetrical and possibly slightly sexually dimorphic. Journal of Ornithology, 2022, 163, 531-537.	1.1	2
72	Do female amphibians and reptiles have greater reproductive output if they have more mates?. Behavioral Ecology and Sociobiology, 2022, 76, .	1.4	2

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73	Simulated Disperser Analysis: determining the number of loci required to genetically identify dispersers. PeerJ, 2018, 6, e4573.	2.0	1
74	Presentation methodologies: an assessment for forensic signature analysis. Australian Journal of Forensic Sciences, 2020, 52, 569-578.	1.2	0