

Carl Andre

List of Publications by Year in descending order

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Version: 2024-02-01

102
papers

5,330
citations

87888

38
h-index

91884

69
g-index

108
all docs

108
docs citations

108
times ranked

5595
citing authors

#	ARTICLE	IF	CITATIONS
1	Single nucleotide polymorphisms are suitable for assessing the success of restocking efforts of the European lobster (<i>Homarus gammarus</i> , L.). <i>Conservation Genetics Resources</i> , 2022, 14, 47-52.	0.8	2
2	Stabilizing selection on Atlantic cod supergenes through a millennium of extensive exploitation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2022, 119, .	7.1	22
3	Combining population genomics with demographic analyses highlights habitat patchiness and larval dispersal as determinants of connectivity in coastal fish species. <i>Molecular Ecology</i> , 2022, 31, 2562-2577.	3.9	13
4	Post-glacial establishment of locally adapted fish populations over a steep salinity gradient. <i>Journal of Evolutionary Biology</i> , 2021, 34, 138-156.	1.7	28
5	Not that clean: Aquaculture-mediated translocation of cleaner fish has led to hybridization on the northern edge of the species' range. <i>Evolutionary Applications</i> , 2021, 14, 1572-1587.	3.1	10
6	Wrasse fishery on the Swedish West Coast: towards ecosystem-based management. <i>ICES Journal of Marine Science</i> , 2021, 78, 1386-1397.	2.5	9
7	Population structure and phylogeography of two North Atlantic <i>Littorina</i> species with contrasting larval development. <i>Marine Biology</i> , 2021, 168, 1.	1.5	10
8	Demographic history has shaped the strongly differentiated corksing wrasse populations in Northern Europe. <i>Molecular Ecology</i> , 2020, 29, 160-171.	3.9	20
9	A Darwinian Laboratory of Multiple Contact Zones. <i>Trends in Ecology and Evolution</i> , 2020, 35, 1021-1036.	8.7	63
10	Genome wide analysis reveals genetic divergence between Goldsinny wrasse populations. <i>BMC Genetics</i> , 2020, 21, 118.	2.7	5
11	“A cleaner break” Genetic divergence between geographic groups and sympatric phenotypes revealed in ballan wrasse (<i>Labrus bergylta</i>). <i>Ecology and Evolution</i> , 2020, 10, 6120-6135.	1.9	9
12	Spatial genetic structure in a crustacean herbivore highlights the need for local considerations in Baltic Sea biodiversity management. <i>Evolutionary Applications</i> , 2020, 13, 974-990.	3.1	17
13	Response to comments by Cardinale et al. on “Local cod (<i>Gadus morhua</i>) revealed by egg surveys and population genetic analysis after longstanding depletion on the Swedish Skagerrak coast” by SvedÅng et al. (2019). <i>ICES Journal of Marine Science</i> , 2019, 76, 1212-1213.	2.5	0
14	Assessing SNP-markers to study population mixing and ecological adaptation in Baltic cod. <i>PLoS ONE</i> , 2019, 14, e0218127.	2.5	24
15	Local cod (<i>Gadus morhua</i>) revealed by egg surveys and population genetic analysis after longstanding depletion on the Swedish Skagerrak coast. <i>ICES Journal of Marine Science</i> , 2019, 76, 418-429.	2.5	10
16	Disentangling structural genomic and behavioural barriers in a sea of connectivity. <i>Molecular Ecology</i> , 2019, 28, 1394-1411.	3.9	68
17	A continuous genome assembly of the corksing wrasse (<i>Symphodus melops</i>). <i>Genomics</i> , 2018, 110, 399-403.	2.9	13
18	Population genomics of parallel evolution in gene expression and gene sequence during ecological adaptation. <i>Scientific Reports</i> , 2018, 8, 16147.	3.3	12

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19	Cleaner fish escape salmon farms and hybridize with local wrasse populations. Royal Society Open Science, 2018, 5, 171752.	2.4	39
20	Stable coexistence of genetically divergent Atlantic cod ecotypes at multiple spatial scales. Evolutionary Applications, 2018, 11, 1527-1539.	3.1	47
21	Large and fine scale population structure in European hake (<i>Merluccius merluccius</i>) in the Northeast Atlantic. ICES Journal of Marine Science, 2017, 74, 1300-1310.	2.5	6
22	Genome architecture enables local adaptation of Atlantic cod despite high connectivity. Molecular Ecology, 2017, 26, 4452-4466.	3.9	130
23	Ancient DNA reveals the Arctic origin of Viking Age cod from Haithabu, Germany. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, 9152-9157.	7.1	66
24	Analysis of aquaporins from the euryhaline barnacle <i>Balanus improvisus</i> reveals differential expression in response to changes in salinity. PLoS ONE, 2017, 12, e0181192.	2.5	27
25	Genetic analysis of goldsinny wrasse reveals evolutionary insights into population connectivity and potential evidence of inadvertent translocation via aquaculture. ICES Journal of Marine Science, 2017, 74, 2135-2147.	2.5	23
26	Origin and route of establishment of the invasive Pacific oyster <i>Crassostrea gigas</i> in Scandinavia. Marine Ecology - Progress Series, 2017, 575, 95-105.	1.9	7
27	The Story of a Hitchhiker: Population Genetic Patterns in the Invasive Barnacle <i>Balanus</i> (<i>Amphibalanus</i>) <i>improvisus</i> Darwin 1854. PLoS ONE, 2016, 11, e0147082.	2.5	20
28	Shared and nonshared genomic divergence in parallel ecotypes of <i>Scopelogadus maximus</i> and <i>S. maximus</i> at a local scale. Molecular Ecology, 2016, 25, 287-305.	3.9	142
29	Non-random paternity of offspring in a highly promiscuous marine snail suggests postcopulatory sexual selection. Behavioral Ecology and Sociobiology, 2016, 70, 1357-1366.	1.4	15
30	Recent decline in cod stocks in the North Sea—Skagerrak—Kattegat shifts the sources of larval supply. Fisheries Oceanography, 2016, 25, 210-228.	1.7	19
31	Population structure in Atlantic cod in the eastern North Sea-Skagerrak-Kattegat: early life stage dispersal and adult migration. BMC Research Notes, 2016, 9, 63.	1.4	49
32	Reduced Genetic Diversity and Increased Structure in American Mink on the Swedish Coast following Invasive Species Control. PLoS ONE, 2016, 11, e0157972.	2.5	19
33	Does population genetic structure support present management regulations of the northern shrimp (<i>Pandalus borealis</i>) in Skagerrak and the North Sea?. ICES Journal of Marine Science, 2015, 72, 863-871.	2.5	19
34	Genetically distinct populations of northern shrimp, <i>Pandalus borealis</i> , in the North Atlantic: adaptation to different temperatures as an isolation factor. Molecular Ecology, 2015, 24, 1742-1757.	3.9	58
35	Adaptation to Low Salinity Promotes Genomic Divergence in Atlantic Cod (<i>Gadus morhua</i> L.). Genome Biology and Evolution, 2015, 7, 1644-1663.	2.5	167
36	Genotype Reconstruction of Paternity in European Lobsters (<i>Homarus gammarus</i>). PLoS ONE, 2015, 10, e0139585.	2.5	12

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37	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
38	PARALLEL EVOLUTION OF LOCAL ADAPTATION AND REPRODUCTIVE ISOLATION IN THE FACE OF GENE FLOW. Evolution; International Journal of Organic Evolution, 2014, 68, 935-949.	2.3	165
39	Species and gene divergence in Littorina snails detected by array comparative genomic hybridization. BMC Genomics, 2014, 15, 687.	2.8	23
40	The conserved Phe GH5 of importance for hemoglobin intersubunit contact is mutated in gadoid fish. BMC Evolutionary Biology, 2014, 14, 54.	3.2	4
41	Genetic biodiversity in the Baltic Sea: species-specific patterns challenge management. Biodiversity and Conservation, 2013, 22, 3045-3065.	2.6	50
42	Oceanographic connectivity and environmental correlates of genetic structuring in Atlantic herring in the Baltic Sea. Evolutionary Applications, 2013, 6, 549-567.	3.1	69
43	Lobster and cod benefit from small-scale northern marine protected areas: inference from an empirical before-after control-impact study. Proceedings of the Royal Society B: Biological Sciences, 2013, 280, 20122679.	2.6	92
44	Characterization of new EST-linked microsatellites in the rough periwinkle (Littorina saxatilis) and application for parentage analysis. Journal of Molluscan Studies, 2013, 79, 369-371.	1.2	1
45	Conservation, Spillover and Gene Flow within a Network of Northern European Marine Protected Areas. PLoS ONE, 2013, 8, e73388.	2.5	40
46	The Effect of Multiple Paternity on Genetic Diversity of Small Populations during and after Colonisation. PLoS ONE, 2013, 8, e75587.	2.5	20
47	Molecular Characterization of the α -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
48	The Littorina sequence database (LSD) – an online resource for genomic data. Molecular Ecology Resources, 2012, 12, 142-148.	4.8	15
49	Fine-scale spatial genetic structure and clonal distribution of the cold-water coral Lophelia pertusa. Coral Reefs, 2012, 31, 1135-1148.	2.2	52
50	Whole mitochondrial genome scan for population structure and selection in the Atlantic herring. BMC Evolutionary Biology, 2012, 12, 248.	3.2	47
51	Identification of subpopulations from connectivity matrices. Ecography, 2012, 35, 1004-1016.	4.5	68
52	Imprints from genetic drift and mutation imply relative divergence times across marine transition zones in a pan-European small pelagic fish (Sprattus sprattus). Heredity, 2012, 109, 96-107.	2.6	27
53	Isolation and characterization of nuclear microsatellite loci in the northern shrimp, Pandalus borealis. Conservation Genetics Resources, 2012, 4, 109-112.	0.8	6
54	Glacial History of the North Atlantic Marine Snail, Littorina saxatilis, Inferred from Distribution of Mitochondrial DNA Lineages. PLoS ONE, 2011, 6, e17511.	2.5	84

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55	Are low but statistically significant levels of genetic differentiation in marine fishes “biologically meaningful”? A case study of coastal Atlantic cod. <i>Molecular Ecology</i> , 2011, 20, 768-783.	3.9	164
56	Detecting population structure in a high gene-flow species, Atlantic herring (<i>Clupea harengus</i>): direct, simultaneous evaluation of neutral vs putatively selected loci. <i>Heredity</i> , 2011, 106, 270-280.	2.6	126
57	Polymorphism, selection and tandem duplication of transferrin genes in Atlantic cod (<i>Gadus morhua</i>) - Conserved synteny between fish monolobal and tetrapod bilobal transferrin loci. <i>BMC Genetics</i> , 2011, 12, 51.	2.7	11
58	The Future of Baltic Sea Populations: Local Extinction or Evolutionary Rescue?. <i>Ambio</i> , 2011, 40, 179-190.	5.5	87
59	Activity patterns of wild European lobster <i>Homarus gammarus</i> in coastal marine reserves: implications for future reserve design. <i>Marine Ecology - Progress Series</i> , 2011, 429, 197-207.	1.9	30
60	Genetic mixed-stock analysis of Atlantic herring populations in a mixed feeding area. <i>Marine Ecology - Progress Series</i> , 2011, 442, 187-199.	1.9	24
61	Development of twelve novel microsatellite loci in the European lobster (<i>Homarus gammarus</i>). <i>Conservation Genetics Resources</i> , 2010, 2, 233-236.	0.8	12
62	Migratory behaviour and otolith chemistry suggest fine-scale sub-population structure within a genetically homogenous Atlantic Cod population. <i>Environmental Biology of Fishes</i> , 2010, 89, 383-397.	1.0	56
63	Temporally stable genetic structure of heavily exploited Atlantic herring (<i>Clupea harengus</i>) in Swedish waters. <i>Heredity</i> , 2010, 104, 40-51.	2.6	57
64	Repeated evolution of reproductive isolation in a marine snail: unveiling mechanisms of speciation. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2010, 365, 1735-1747.	4.0	151
65	Multiple paternity: determining the minimum number of sires of a large brood. <i>Molecular Ecology Resources</i> , 2010, 10, 282-291.	4.8	3
66	Extreme Female Promiscuity in a Non-Social Invertebrate Species. <i>PLoS ONE</i> , 2010, 5, e9640.	2.5	52
67	Lack of spatial genetic variation in the edible crab (<i>Cancer pagurus</i>) in the Kattegat-Skagerrak area. <i>ICES Journal of Marine Science</i> , 2009, 66, 462-469.	2.5	14
68	Haemoglobin polymorphisms affect the oxygen-binding properties in Atlantic cod populations. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2009, 276, 833-841.	2.6	79
69	DISENTANGLING THE EFFECTS OF EVOLUTIONARY, DEMOGRAPHIC, AND ENVIRONMENTAL FACTORS INFLUENCING GENETIC STRUCTURE OF NATURAL POPULATIONS: ATLANTIC HERRING AS A CASE STUDY. <i>Evolution; International Journal of Organic Evolution</i> , 2009, 63, 2939-2951.	2.3	183
70	Dynamics of Seagrass Meadows on the Swedish Skagerrak Coast. <i>Ambio</i> , 2009, 38, 85-88.	5.5	38
71	Development of 10 microsatellite loci in the ling (<i>Molva molva</i>). <i>Molecular Ecology Resources</i> , 2009, 9, 1401-1403.	4.8	2
72	Characterization of six microsatellite loci in the Baltic blue mussel <i>Mytilus trossulus</i> and cross-species amplification in North Sea <i>Mytilus edulis</i> . <i>Conservation Genetics</i> , 2008, 9, 1003-1005.	1.5	21

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73	Genetic differentiation on multiple spatial scales in an ecotype-forming marine snail with limited dispersal: <i>Littorina saxatilis</i> . <i>Biological Journal of the Linnean Society</i> , 2008, 94, 31-40.	1.6	17
74	Characterization of a major histocompatibility class II <i>A</i> gene (<i>Clhâ€DAA</i>) with an embedded microsatellite marker in Atlantic herring (<i>Clupea harengus</i> L.). <i>Journal of Fish Biology</i> , 2008, 73, 367-381.	1.6	2
75	Seed rafting as a dispersal strategy for eelgrass (<i>Zostera marina</i>). <i>Aquatic Botany</i> , 2008, 88, 148-153.	1.6	91
76	Larval group differentiation in Atlantic cod (<i>Gadus morhua</i>) inside and outside the Gullmar Fjord. <i>Fisheries Research</i> , 2008, 90, 9-16.	1.7	13
77	Microsatellite cross-species amplification in the genus <i>Littorina</i> and detection of null alleles in <i>Littorina saxatilis</i> . <i>Journal of Molluscan Studies</i> , 2008, 74, 111-117.	1.2	21
78	High Levels of Multiple Paternity in <i>Littorina saxatilis</i> : Hedging the Bets?. <i>Journal of Heredity</i> , 2007, 98, 705-711.	2.4	39
79	Concordance of allozyme and microsatellite differentiation in a marine fish, but evidence of selection at a microsatellite locus. <i>Molecular Ecology</i> , 2007, 16, 1135-1147.	3.9	68
80	Divergent origins of sympatric herring population components determined using genetic mixture analysis. <i>Marine Ecology - Progress Series</i> , 2007, 337, 187-196.	1.9	21
81	Power for detecting genetic divergence: differences between statistical methods and marker loci. <i>Molecular Ecology</i> , 2006, 15, 2031-2045.	3.9	215
82	INVITED REVIEW: Life on the margin: genetic isolation and diversity loss in a peripheral marine ecosystem, the Baltic Sea. <i>Molecular Ecology</i> , 2006, 15, 2013-2029.	3.9	458
83	Ecological and genetic impact of Atlantic cod larval drift in the Skagerrak. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2006, 273, 1085-1092.	2.6	50
84	Biocomplexity in a highly migratory pelagic marine fish, Atlantic herring. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2006, 273, 1459-1464.	2.6	205
85	ENVIRONMENTAL CORRELATES OF POPULATION DIFFERENTIATION IN ATLANTIC HERRING. <i>Evolution; International Journal of Organic Evolution</i> , 2005, 59, 2656.	2.3	8
86	North Sea herring population structure revealed by microsatellite analysis. <i>Marine Ecology - Progress Series</i> , 2005, 303, 245-257.	1.9	67
87	Environmental correlates of population differentiation in Atlantic herring. <i>Evolution; International Journal of Organic Evolution</i> , 2005, 59, 2656-68.	2.3	36
88	Transport of North Sea cod larvae into the Skagerrak coastal populations. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2004, 271, 1337-1344.	2.6	86
89	Island isolation and habitat heterogeneity correlate with DNA variation in a marine snail (<i>Littorina</i>)	1.6	19
90	Fine-scaled geographical population structuring in a highly mobile marine species: the Atlantic cod. <i>Molecular Ecology</i> , 2003, 12, 385-394.	3.9	316

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91	Physical and numerical modeling of the role of hydrodynamic processes on adult-larval interactions of a suspension-feeding bivalve. Journal of Marine Research, 2002, 60, 499-516.	0.3	8
92	Salinity dependence in the marine mud snails <i>Hydrobia ulvae</i> and <i>Hydrobia ventrosa</i> . Journal of the Marine Biological Association of the United Kingdom, 2001, 81, 651-654.	0.8	5
93	Transport of recently settled soft-shell clams (<i>Mya arenaria</i> L.) in laboratory flume flow. Journal of Experimental Marine Biology and Ecology, 1995, 187, 13-26.	1.5	63
94	Fertilization efficiency and gamete viability of a sessile, free-spawning bivalve, <i>Cerastoderma edule</i> . <i>Ophelia</i> , 1995, 43, 215-227.	0.3	26
95	Field and laboratory experiments on interactions among an infaunal polychaete, <i>Nereis diversicolor</i> , and two amphipods, <i>Corophium volutator</i> & <i>C. arenarium</i> : effects on survival, recruitment and migration. Journal of Experimental Marine Biology and Ecology, 1993, 168, 259-278.	1.5	23
96	Fluorescent microparticles: A new way of visualizing sedimentation and larval settlement. <i>Limnology and Oceanography</i> , 1991, 36, 1471-1476.	3.1	10
97	The impact of the brown shrimp <i>Crangon crangon</i> L. on soft-bottom meiofauna: an experimental approach. <i>Ophelia</i> , 1991, 34, 41-49.	0.3	20
98	Adult-larval interactions in the suspension-feeding bivalves <i>Cerastoderma edule</i> and <i>Mya arenaria</i> . <i>Marine Ecology - Progress Series</i> , 1991, 71, 227-234.	1.9	125
99	Swimming behaviour of marine bivalve larvae in a flume boundary-layer flow: evidence for near-bottom confinement. <i>Marine Ecology - Progress Series</i> , 1991, 79, 67-76.	1.9	116
100	Genotypic and phenotypic differences between Baltic and North Sea populations of <i>Mytilus edulis</i> evaluated through reciprocal transplantations. III. Physiology. <i>Marine Ecology - Progress Series</i> , 1990, 59, 221-227.	1.9	53
101	Recovery of former fish productivity: philopatric behaviors put depleted stocks in an unforeseen deadlock. , 0, , 232-247.		0
102	Towards a sustainable fishery and use of cleaner fish in salmonid aquaculture. <i>TemaNord</i> , 0, , .	1.3	1