

Stefano Mariani

List of Publications by Year in descending order

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137
papers

4,846
citations

109311
35
h-index

128286
60
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149
all docs

149
docs citations

149
times ranked

5548
citing authors

#	ARTICLE	IF	CITATIONS
1	A future for seafood point-of-origin testing using DNA and stable isotope signatures. Reviews in Fish Biology and Fisheries, 2022, 32, 597-621.	4.9	11
2	Genomic legacy of migration in endangered caribou. PLoS Genetics, 2022, 18, e1009974.	3.5	7
3	Selection of both habitat and genes in specialized and endangered caribou. Conservation Biology, 2022, 36, .	4.7	1
4	Little samplers, big fleet: eDNA metabarcoding from commercial trawlers enhances ocean monitoring. Fisheries Research, 2022, 249, 106259.	1.7	23
5	Environmental DNA captures elasmobranch diversity in a temperate marine ecosystem. Environmental DNA, 2022, 4, 1024-1038.	5.8	7
6	Niche separation between two dominant crustacean predators in European estuarine soft-bottom habitats. Ecological Indicators, 2022, 138, 108839.	6.3	1
7	Environmental <scp>DNA</scp> persistence and fish detection in captive sponges. Molecular Ecology Resources, 2022, 22, 2956-2966.	4.8	9
8	Environmental DNA effectively captures functional diversity of coastal fish communities. Molecular Ecology, 2021, 30, 3127-3139.	3.9	51
9	Space-time dynamics in monitoring neotropical fish communities using eDNA metabarcoding. Science of the Total Environment, 2021, 754, 142096.	8.0	82
10	All is fish that comes to the net: metabarcoding for rapid fisheries catch assessment. Ecological Applications, 2021, 31, e02273.	3.8	28
11	Remembering Laura Corrigan. Environmental DNA, 2021, 3, 321-322.	5.8	0
12	Evidence of unidirectional hybridization and secondâ€­generation adult hybrid between the two largest animals on Earth, the fin and blue whales. Evolutionary Applications, 2021, 14, 314-321.	3.1	15
13	Shark and ray diversity, abundance and temporal variation around an Indian Ocean Island, inferred by eDNA metabarcoding. Conservation Science and Practice, 2021, 3, e407.	2.0	19
14	Validation of FASTFISH-ID: A new commercial platform for rapid fish species authentication via universal closed-tube barcoding. Food Research International, 2021, 141, 110035.	6.2	8
15	Fish out of water: consumersâ€™ unfamiliarity with the appearance of commercial fish species. Sustainability Science, 2021, 16, 1313-1322.	4.9	5
16	Sifting environmental DNA metabarcoding data sets for rapid reconstruction of marine food webs. Fish and Fisheries, 2021, 22, 822-833.	5.3	16
17	<scp>Metaâ€­Fishâ€­Lib</scp>: A generalised, dynamic <scp>DNA</scp> reference library pipeline for metabarcoding of fishes. Journal of Fish Biology, 2021, 99, 1446-1454.	1.6	33
18	Estuarine molecular bycatch as a landscape-wide biomonitoring tool. Biological Conservation, 2021, 261, 109287.	4.1	9

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19	Shark and ray trade in and out of Indonesia: Addressing knowledge gaps on the path to sustainability. Marine Policy, 2021, 133, 104714.	3.2	17
20	Historical biogeography of smoothhound sharks (genus <i>Mustelus</i>) of Southern Africa reveals multiple dispersal events from the Northern Hemisphere. Systematics and Biodiversity, 2020, 18, 633-645.	1.2	4
21	Fishing for mammals: Landscape-level monitoring of terrestrial and semi-aquatic communities using eDNA from riverine systems. Journal of Applied Ecology, 2020, 57, 707-716.	4.0	79
22	Global footprint of mislabelled seafood on a small island nation. Biological Conservation, 2020, 245, 108557.	4.1	21
23	Comments 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.. ICES Journal of Marine Science, 2019, 76, 1209-1211.	2.5	1
24	Non-specific amplification compromises environmental DNA metabarcoding with COI. Methods in Ecology and Evolution, 2019, 10, 1985-2001.	5.2	202
25	Influence of preservation methods, sample medium and sampling time on eDNA recovery in a neotropical river. Environmental DNA, 2019, 1, .	5.8	51
26	DNA metabarcoding reveals modern and past eukaryotic communities in a high-mountain peat bog system. Journal of Paleolimnology, 2019, 62, 425-441.	1.6	16
27	Environmental DNA metabarcoding as an effective and rapid tool for fish monitoring in canals. Journal of Fish Biology, 2019, 95, 679-682.	1.6	50
28	Sponges as natural environmental DNA samplers. Current Biology, 2019, 29, R401-R402.	3.9	93
29	Strong genetic isolation despite wide distribution in a commercially exploited coastal shark. Hydrobiologia, 2019, 838, 121-137.	2.0	6
30	Behavioural responses in a congested sea: an observational study on a coastal nest-guarding fish. , 2019, 86, 504-518.		3
31	Hooked on you: shape of attachment structures in cymothoid isopods reflects parasitic strategy. BMC Evolutionary Biology, 2019, 19, 207.	3.2	14
32	Biodiversity assessment of tropical shelf eukaryotic communities via pelagic eDNA metabarcoding. Ecology and Evolution, 2019, 9, 14341-14355.	1.9	52
33	Metabarcoding of shrimp stomach content: Harnessing a natural sampler for fish biodiversity monitoring. Molecular Ecology Resources, 2019, 19, 206-220.	4.8	63
34	<scp>DNA</scp> metabarcoding unveils multiscale trophic variation in a widespread coastal opportunist. Molecular Ecology, 2019, 28, 232-249.	3.9	43
35	Genomics, environment and balancing selection in behaviourally bimodal populations: The caribou case. Molecular Ecology, 2019, 28, 1946-1963.	3.9	18
36	Valuing and understanding fish populations in the Anthropocene: key questions to address. Journal of Fish Biology, 2018, 92, 828-845.	1.6	7

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37	Genetic homogeneity in the deep-sea grenadier <i>Macrourus berglax</i> across the North Atlantic Ocean. Deep-Sea Research Part I: Oceanographic Research Papers, 2018, 132, 60-67.	1.4	5
38	Environmental DNA illuminates the dark diversity of sharks. Science Advances, 2018, 4, eaap9661.	10.3	222
39	Biodiversity defrosted: unveiling non-compliant fish trade in ethnic food stores. Biological Conservation, 2018, 217, 419-427.	4.1	9
40	Consequences of sex change for effective population size. Proceedings of the Royal Society B: Biological Sciences, 2018, 285, 20181702.	2.6	13
41	Persistence of environmental DNA in marine systems. Communications Biology, 2018, 1, 185.	4.4	256
42	Lines on a map: conservation units, meta-population dynamics, and recovery of woodland caribou in Canada. Ecosphere, 2018, 9, e02323.	2.2	12
43	Generic names and mislabeling conceal high species diversity in global fisheries markets. Conservation Letters, 2018, 11, e12573.	5.7	48
44	Hidden Diversity Hampers Conservation Efforts in a Highly Impacted Neotropical River System. Frontiers in Genetics, 2018, 9, 271.	2.3	21
45	Tuna labels matter in Europe: Mislabelling rates in different tuna products. PLoS ONE, 2018, 13, e0196641.	2.5	35
46	Environmental and anthropogenic drivers of connectivity patterns: A basis for prioritizing conservation efforts for threatened populations. Evolutionary Applications, 2017, 10, 199-211.	3.1	16
47	Mislabeling Seafood Does Not Promote Sustainability: A Comment on Stawitz <i>et al.</i> (2016). Conservation Letters, 2017, 10, 781-782.	5.7	7
48	Global trade statistics lack granularity to inform traceability and management of diverse and high-value fishes. Scientific Reports, 2017, 7, 12852.	3.3	29
49	Ecological and evolutionary consequences of alternative sex-change pathways in fish. Scientific Reports, 2017, 7, 9084.	3.3	28
50	Environmental DNA reveals tropical shark diversity in contrasting levels of anthropogenic impact. Scientific Reports, 2017, 7, 16886.	3.3	126
51	Harnessing mtDNA variation to resolve ambiguity in "Redfish" sold in Europe. PeerJ, 2017, 5, e3746.	2.0	14
52	Genetic differentiation and phylogeography of Mediterranean-North Eastern Atlantic blue shark (<i>Prionace glauca</i> , L. 1758) using mitochondrial DNA: panmixia or complex stock structure?. PeerJ, 2017, 5, e4112.	2.0	14
53	Seafood Mislabeling Incidence and Impacts. , 2016, , 3-26.		16
54	Connectivity in the deep: Phylogeography of the velvet belly lanternshark. Deep-Sea Research Part I: Oceanographic Research Papers, 2016, 115, 233-239.	1.4	20

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55	Resolving taxonomic uncertainty in vulnerable elasmobranchs: are the Madeira skate (<i>Raja</i>) Tj ETQq1 1 0.784314 rgBT /Overlock 10 T 5 565-576.	1.5	17
56	The <sc>ART</sc> of mating: alternative reproductive tactics and mating success in a nest-guarding fish. Journal of Fish Biology, 2016, 89, 2643-2657.	1.6	7
57	Sex change and effective population size: implications for population genetic studies in marine fish. Heredity, 2016, 117, 251-258.	2.6	20
58	A systematic analysis across North Atlantic countries unveils subtleties in cod product labelling. Marine Policy, 2016, 69, 124-133.	3.2	8
59	Sushi barcoding in the UK: another kettle of fish. PeerJ, 2016, 4, e1891.	2.0	50
60	Three-dimensional post-glacial expansion and diversification of an exploited oceanic fish. Molecular Ecology, 2015, 24, 3652-3667.	3.9	21
61	Host size constrains growth patterns in both female and male <i>Ceratothoa italica</i> , a mouth-dwelling isopod. Marine and Freshwater Research, 2015, 66, 381.	1.3	7
62	Trophic flexibility and opportunism in pike <i>Esox lucius</i>. Journal of Fish Biology, 2015, 87, 876-894.	1.6	16
63	Towards a balanced view of pike in Ireland: a reply to Ensing. Journal of Biogeography, 2015, 42, 607-609.	3.0	3
64	Low mislabeling rates indicate marked improvements in European seafood market operations. Frontiers in Ecology and the Environment, 2015, 13, 536-540.	4.0	77
65	Spatio-temporal variability in the population structure in North-east Atlantic stocks of horse mackerel (Trachurus trachurus). Biology and Environment, 2015, 115B, 211.	0.3	4
66	Establishment of a coastal fish in the Azores: recent colonisation or sudden expansion of an ancient relict population?. Heredity, 2015, 115, 527-537.	2.6	13
67	Spatio-temporal variability in the population structure in North-east Atlantic stocks of horse mackerel (<i>Trachurus trachurus</i>). Biology and Environment, 2015, 115B, 211-220.	0.3	0
68	Mass Media Influence and the Regulation of Illegal Practices in the Seafood Market. Conservation Letters, 2014, 7, 478-483.	5.7	30
69	Multiple paternity in the starry smooth-hound shark<i>Mustelus asterias</i> (Carcharhiniformes:) Tj ETQq1 1 0.784314 rgBT /Overlock 15	1.6	15
70	Genetic structure of pike (<sc>E</sc>sox lucius</i>) reveals a complex and previously unrecognized colonization history of <sc>I</sc>reland. Journal of Biogeography, 2014, 41, 548-560.	3.0	22
71	Ocean-scale connectivity and life cycle reconstruction in a deep-sea fish. Canadian Journal of Fisheries and Aquatic Sciences, 2014, 71, 1312-1323.	1.4	24
72	The Nuclear Genome. , 2014, , 297-327.		12

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73	Stock Identification Methods. , 2014, , 1-5.		70
74	Interdisciplinary Evaluation of Spatial Population Structure for Definition of Fishery Management Units. , 2014, , 535-552.		10
75	Current methods for seafood authenticity testing in Europe: Is there a need for harmonisation?. Food Control, 2014, 45, 95-100.	5.5	67
76	Divergence by depth in an oceanic fish. PeerJ, 2014, 2, e525.	2.0	21
77	A species-to-be? The genetic status and colonization history of the critically endangered Killarney shad. Molecular Phylogenetics and Evolution, 2013, 69, 1190-1195.	2.7	11
78	Irish fish, Irish people: roles and responsibilities for an emptying ocean. Environment, Development and Sustainability, 2013, 15, 529-546.	5.0	2
79	Spatial and temporal patterns of size-at-sex-change in two exploited coastal fish. Environmental Biology of Fishes, 2013, 96, 535-541.	1.0	31
80	Preferred habitat and effective population size drive landscape genetic patterns in an endangered species. Proceedings of the Royal Society B: Biological Sciences, 2013, 280, 20131756.	2.6	54
81	DNA barcoding unveils skate (Chondrichthyes: Rajidae) species diversity in "ray" products sold across Ireland and the UK. PeerJ, 2013, 1, e129.	2.0	35
82	Genetic Evidence for the Uncoupling of Local Aquaculture Activities and a Population of an Invasive Species" A Case Study of Pacific Oysters (Crassostrea gigas). Journal of Heredity, 2012, 103, 661-671.	2.4	27
83	Exploring neutral and adaptive processes in expanding populations of gilthead sea bream, Sparus aurata L., in the North-East Atlantic. Heredity, 2012, 108, 537-546.	2.6	36
84	Seafood genetic identification: aiming our pipettes at the right targets. Frontiers in Ecology and the Environment, 2012, 10, 10-10.	4.0	1
85	Ancient Divergence in the Trans-Oceanic Deep-Sea Shark Centroscymnus crepidater. PLoS ONE, 2012, 7, e49196.	2.5	18
86	Mismatch between fish landings and market trends: A western European case study. Fisheries Research, 2012, 121-122, 104-114.	1.7	12
87	"Right-or "wrong"? insights into the ecology of sidedness in european flounder, <i>Platichthys flesus</i>. Journal of Morphology, 2012, 273, 337-346.	1.2	11
88	Impact of a mouth parasite in a marine fish differs between geographical areas. Biological Journal of the Linnean Society, 2012, 105, 842-852.	1.6	20
89	Phylogeography of European sea bass in the north-east Atlantic: a correction and reanalysis of the mitochondrial DNA data from Coscia & Mariani (2011). Biological Journal of the Linnean Society, 2012, 106, 455-458.	1.6	5
90	Reconstruction of caribou evolutionary history in Western North America and its implications for conservation. Molecular Ecology, 2012, 21, 3610-3624.	3.9	54

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91	Seafood mislabelling: comparisons of two western European case studies assist in defining influencing factors, mechanisms and motives. <i>Fish and Fisheries</i> , 2012, 13, 345-358.	5.3	72
92	Independence of neutral and adaptive divergence in a low dispersal marine mollusc. <i>Marine Ecology - Progress Series</i> , 2012, 446, 173-187.	1.9	23
93	Otolith geochemistry indicates life-long spatial population structuring in a deep-sea fish, <i>Coryphaenoides rupestris</i> . <i>Marine Ecology - Progress Series</i> , 2011, 435, 209-224.	1.9	32
94	Food resource use in sympatric juvenile plaice and flounder in estuarine habitats. <i>Marine Ecology</i> , 2011, 32, 96-101.	1.1	13
95	Trophic dynamics within a hybrid zone - interactions between an abundant cyprinid hybrid and sympatric parental species. <i>Freshwater Biology</i> , 2011, 56, 1723-1735.	2.4	20
96	Phylogeography and population structure of European sea bass in the north-east Atlantic. <i>Biological Journal of the Linnean Society</i> , 2011, 104, 364-377.	1.6	15
97	Low cytochrome <i>b</i> variation in bream <i>Abramis brama</i> . <i>Journal of Fish Biology</i> , 2011, 78, 1579-1587.	1.6	8
98	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
99	Life history variation in a marine teleost across a heterogeneous seascape. <i>Estuarine, Coastal and Shelf Science</i> , 2011, 92, 555-563.	2.1	16
100	New microsatellite loci for the longnose velvet dogfish <i>Centroselachus crepidater</i> (Squaliformes: Tj ETQq0 0 0 rgBTj/Overlock 10 Tf 50 3	0.8	4
101	Counter-comment on: Cadrin et al. (2010) "Population structure of beaked redfish, <i>Sebastes mentella</i> : evidence of divergence associated with different habitats. <i>ICES Journal of Marine Science</i> , 67: 1617-1630." <i>ICES Journal of Marine Science</i> , 2011, 68, 1616-1618.	2.5	5
102	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
103	Novel microsatellite loci for a deep sea fish (<i>Macrourus berglax</i>) and their amplification in other grenadiers (Gadiformes: Macrouridae). <i>Conservation Genetics Resources</i> , 2010, 2, 1-4.	0.8	9
104	Patterns of genetic structuring in a brown trout (<i>Salmo trutta</i> L.) metapopulation. <i>Conservation Genetics</i> , 2010, 11, 1689-1699.	1.5	21
105	A comparison of otolith microchemistry and otolith shape analysis for the study of spatial variation in a deep-sea teleost, <i>Coryphaenoides rupestris</i> . <i>Environmental Biology of Fishes</i> , 2010, 89, 591-605.	1.0	64
106	Hybridisation between two cyprinid fishes in a novel habitat: genetics, morphology and life-history traits. <i>BMC Evolutionary Biology</i> , 2010, 10, 169.	3.2	53
107	A highly permeable species boundary between two anadromous fishes. <i>Journal of Fish Biology</i> , 2010, 77, 1137-1149.	1.6	19
108	Reproductive biology of the starry smoothhound shark <i>Mustelus asterias</i> : geographic variation and implications for sustainable exploitation. <i>Journal of Fish Biology</i> , 2010, 77, 1505-1525.	1.6	40

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109	Population structure of beaked redfish, <i>Sebastes mentella</i> : evidence of divergence associated with different habitats. ICES Journal of Marine Science, 2010, 67, 1617-1630.	2.5	74
110	Age and growth estimates for the starry smoothhound (<i>Mustelus asterias</i>) in the Northeast Atlantic Ocean. ICES Journal of Marine Science, 2010, 67, 931-939.	2.5	21
111	Ecological adaptation determines functional mammalian olfactory subgenomes. Genome Research, 2010, 20, 1-9.	5.5	200
112	Smoke, mirrors, and mislabeled cod: poor transparency in the European seafood industry. Frontiers in Ecology and the Environment, 2010, 8, 517-521.	4.0	113
113	Culling Whales: Ethically and Ecologically Wrong. Science, 2009, 324, 464-464.	12.6	1
114	Progress in modelling herring populations: an individual-based model of growth. ICES Journal of Marine Science, 2009, 66, 1718-1725.	2.5	8
115	Isolation and characterisation of new polymorphic microsatellite markers for the striped sea bream (<i>Lithognathus mormyrus</i>). Conservation Genetics, 2009, 10, 1507-1509.	1.5	5
116	Survival in the Rockies of an endangered hybrid swarm from diverged caribou (<i>Rangifer</i>)	3.9	89
117	Contrasting signals from multiple markers illuminate population connectivity in a marine fish. Molecular Ecology, 2009, 18, 4811-4826.	3.9	61
118	Sex change and the genetic structure of marine fish populations. Fish and Fisheries, 2009, 10, 329-343.	5.3	33
119	Life history processes and stochastic von Bertalanffy models of growth, with application to fish population analysis. Journal of Theoretical Biology, 2009, 258, 521-529.	1.7	29
120	A simple genetic identification method for Northeast Atlantic smoothhound sharks (<i>Mustelus</i> spp.). ICES Journal of Marine Science, 2009, 66, 561-565.	2.5	33
121	Novel polymorphic microsatellite loci for the protogynous hermaphrodite slinger sea bream (<i>Chrysoblephus puniceus</i> , Sparidae). Molecular Ecology Resources, 2009, 9, 1223-1226.	4.8	5
122	Settlement of gilthead sea bream <i>Sparus aurata</i> L. in a southern Irish Sea coastal habitat. Journal of Fish Biology, 2008, 72, 287-291.	1.6	10
123	Relationship between body shape and trophic niche segregation in two closely related sympatric fishes. Journal of Fish Biology, 2008, 73, 809-828.	1.6	43
124	A molecular phylogenetic framework for the evolution of parasitic strategies in cymothoid isopods (Crustacea). Journal of Zoological Systematics and Evolutionary Research, 2007, 46, 070907105857001-???	1.4	8
125	Differentiation of tundra/taiga and boreal coniferous forest wolves: genetics, coat colour and association with migratory caribou. Molecular Ecology, 2007, 16, 4149-4170.	3.9	163
126	Fish community structure and distribution in a macro-tidal inshore habitat in the Irish Sea. Estuarine, Coastal and Shelf Science, 2007, 75, 135-142.	2.1	10

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127	Hierarchical population genetic structure in the commercially exploited shrimp <i>Crangon crangon</i> identified by AFLP analysis. <i>Marine Biology</i> , 2007, 151, 565-575.	1.5	21
128	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
129	Life-history- and ecosystem-driven variation in composition and residence pattern of seabream species (Perciformes: Sparidae) in two Mediterranean coastal lagoons. <i>Marine Pollution Bulletin</i> , 2006, 53, 121-127.	5.0	19
130	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
131	North Sea herring population structure revealed by microsatellite analysis. <i>Marine Ecology - Progress Series</i> , 2005, 303, 245-257.	1.9	67
132	Locality-specific variation in the feeding of <i>Sparus aurata</i> L.: evidence from two Mediterranean lagoon systems. <i>Estuarine, Coastal and Shelf Science</i> , 2003, 57, 469-474.	2.1	56
133	Shell morphology in <i>Cerastoderma</i> spp. (Bivalvia: Cardiidae) and its significance for adaptation to tidal and non-tidal coastal habitats. <i>Journal of the Marine Biological Association of the United Kingdom</i> , 2002, 82, 483-490.	0.8	20
134	Genetic structuring and gene flow in <i>Cerastoderma glaucum</i> (Bivalvia: Cardiidae): evidence from allozyme variation at different geographic scales. <i>Marine Biology</i> , 2002, 140, 687-697.	1.5	29
135	Cleaning behaviour in <i>Diplodus</i> spp.: chance or choice? A hint for future investigations. <i>Journal of the Marine Biological Association of the United Kingdom</i> , 2001, 81, 715-716.	0.8	13
136	Can Spatial Distribution of Ichthyofauna Describe Marine Influence on Coastal Lagoons? A Central Mediterranean Case Study. <i>Estuarine, Coastal and Shelf Science</i> , 2001, 52, 261-267.	2.1	81
137	An ecomorphological framework for the coexistence of two cyprinid fish and their hybrids in a novel environment. <i>Biological Journal of the Linnean Society</i> , 0, 99, 768-783.	1.6	32