Elsa Froufe

List of Publications by Year
in descending order

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109	3,050	218677	206112
papers	citations	26 h-index	48 g-index

113	113	113	2273
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Conservation status of freshwater mussels in Europe: state of the art and future challenges. Biological Reviews, 2017, 92, 572-607.	10.4	400
2	Research priorities for freshwater mussel conservation assessment. Biological Conservation, 2019, 231, 77-87.	4.1	156
3	Biology and conservation of freshwater bivalves: past, present and future perspectives. Hydrobiologia, 2014, 735, 1-13.	2.0	137
4	Phylogeny of the most species-rich freshwater bivalve family (Bivalvia: Unionida: Unionidae): Defining modern subfamilies and tribes. Molecular Phylogenetics and Evolution, 2017, 106, 174-191.	2.7	133
5	Diversity, biogeography and conservation of freshwater mussels (Bivalvia: Unionida) in East and Southeast Asia. Hydrobiologia, 2018, 810, 29-44.	2.0	111
6	Genetic subdivision, glacial refugia and postglacial recolonization in the golden-striped salamander, Chioglossa lusitanica (Amphibia: Urodela). Molecular Ecology, 2000, 9, 771-781.	3.9	102
7	Factors driving changes in freshwater mussel (Bivalvia, Unionida) diversity and distribution in Peninsular Malaysia. Science of the Total Environment, 2016, 571, 1069-1078.	8.0	81
8	Freshwater mussels (Bivalvia: Unionidae) from the rising sun (Far East Asia): phylogeny, systematics, and distribution. Molecular Phylogenetics and Evolution, 2020, 146, 106755.	2.7	69
9	Who lives where? Molecular and morphometric analyses clarify which Unio species (Unionida,) Tj ETQq1 1 0.784314 rgBT /Overlock 1	1.6	60
10	Genetic diversity of the panâ€European freshwater mussel Anodonta anatina (Bivalvia: Unionoida) based on CO1: new phylogenetic insights and implications for conservation. Aquatic Conservation: Marine and Freshwater Ecosystems, 2014, 24, 561-574.	2.0	55
11	Molluscan genomics: the road so far and the way forward. Hydrobiologia, 2020, 847, 1705-1726.	2.0	54
12	Expansion and systematics redefinition of the most threatened freshwater mussel family, the Margaritiferidae. Molecular Phylogenetics and Evolution, 2018, 127, 98-118.	2.7	53
13	Phylogenetic analysis of the genus Thymallus (grayling) based on mtDNA control region and ATPase 6 genes, with inferences on control region constraints and broad-scale Eurasian phylogeography. Molecular Phylogenetics and Evolution, 2005, 34, 106-117.	2.7	50
14	Taxonomic inflation: species concept or historical geopolitical bias?. Trends in Ecology and Evolution, 2005, 20, 6-7.	8.7	49
15	Integrative taxonomy, biogeography and conservation of freshwater mussels (Unionidae) in Russia. Scientific Reports, 2020, 10, 3072.	3.3	47
16	Lagrangian transport pathways in the northeast Atlantic and their environmental impact. Limnology & Oceanography Fluids & Environments, 2013, 3, 40-60.	1.7	45
17	Population structure of the blue jack mackerel (Trachurus picturatus) in the NE Atlantic inferred from otolith microchemistry. Fisheries Research, 2018, 197, 113-122.	1.7	44
18	Conservation status of the freshwater pearl mussel Margaritifera margaritifera in Portugal. Limnologica, 2015, 50, 4-10.	1.5	42

#	Article	IF	Citations
19	Identification of reproductively isolated lineages of Amur grayling (Thymallus grubii Dybowski 1869): concordance between phenotypic and genetic variation. Molecular Ecology, 2003, 12, 2345-2355.	3.9	39
20	Reproductive Cycle and Strategy of Anodonta anatina (L., 1758): Notes on Hermaphroditism. Journal of Experimental Zoology, 2013, 319, 378-390.	1.2	39
21	Lifting the curtain on the freshwater mussel diversity of the Italian Peninsula and Croatian Adriatic coast. Biodiversity and Conservation, 2017, 26, 3255-3274.	2.6	38
22	Postglacial colonization of Europe by the barbastelle bat: agreement between molecular data and past predictive modelling. Molecular Ecology, 2012, 21, 2761-2774.	3.9	37
23	Phylogeny, phylogeography, and evolution in the Mediterranean region: News from a freshwater mussel (Potomida, Unionida). Molecular Phylogenetics and Evolution, 2016, 100, 322-332.	2.7	37
24	Taxonomic reassessment of the freshwater mussel genus Unio (Bivalvia: Unionidae) in Russia and Ukraine based on morphological and molecular data. Zootaxa, 2017, 4286, .	0.5	36
25	Comparative phylogeography of salmonid fishes (Salmonidae) reveals late to post-Pleistocene exchange between three now-disjunct river basins in Siberia. Diversity and Distributions, 2003, 9, 269-282.	4.1	35
26	Otolith shape analysis as a tool to infer the population structure of the blue jack mackerel, Trachurus picturatus, in the NE Atlantic. Fisheries Research, 2019, 209, 40-48.	1.7	31
27	Pearl mussels (Margaritifera marocana) in Morocco: Conservation status of the rarest bivalve in African fresh waters. Science of the Total Environment, 2016, 547, 405-412.	8.0	29
28	Genetic diversity within scorpions of the genus Buthus from the Iberian Peninsula: mitochondrial DNA sequence data indicate additional distinct cryptic lineages. Journal of Arachnology, 2010, 38, 206-211.	0.5	28
29	The Ponto-Caspian quagga mussel, Dreissena rostriformis bugensis (Andrusov, 1897), invades Great Britain. Aquatic Invasions, 2014, 9, 529-535.	1.6	28
30	Phenotypic and genetic differentiation of two major phylogeographical lineages of arctic grayling Thymallus arcticus in the Lena River, and surrounding Arctic drainages. Biological Journal of the Linnean Society, 2006, 88, 511-525.	1.6	27
31	Genetic Diversity of MaghrebianHottentotta(Scorpiones: Buthidae) Scorpions Based on CO1: New Insights on the Genus Phylogeny and Distribution. African Invertebrates, 2011, 52, 135-143.	0.5	27
32	Mesozoic mitogenome rearrangements and freshwater mussel (Bivalvia: Unionoidea) macroevolution. Heredity, 2020, 124, 182-196.	2.6	27
33	The first Margaritiferidae male (M-type) mitogenome: mitochondrial gene order as a potential character for determining higher-order phylogeny within Unionida (Bivalvia). Journal of Molluscan Studies, 2017, 83, 249-252.	1.2	26
34	Monitoring of biofouling communities in a Portuguese port using a combined morphological and metabarcoding approach. Scientific Reports, 2020, 10, 13461.	3.3	25
35	Environmental DNA metabarcoding for freshwater bivalves biodiversity assessment: methods and results for the Western Palearctic (European sub-region). Hydrobiologia, 2021, 848, 2931-2950.	2.0	24
36	Phylogeographical history of the white seabreamDiplodus sargus(Sparidae): Implications for insularity. Marine Biology Research, 2011, 7, 250-260.	0.7	23

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37	The female and male mitochondrial genomes of Unio delphinus and the phylogeny of freshwater mussels (Bivalvia: Unionida). Mitochondrial DNA Part B: Resources, 2016, 1, 954-957.	0.4	23
38	Morphological and molecular analyses of Anodontinae species (Bivalvia, Unionidae) of Lake Baikal and Transbaikalia. PLoS ONE, 2018, 13, e0194944.	2.5	22
39	Cartilaginous fishes offer unique insights into the evolution of the nuclear receptor gene repertoire in gnathostomes. General and Comparative Endocrinology, 2020, 295, 113527.	1.8	22
40	Isolation and characterization of Brachymystax lenok microsatellite loci and cross-species amplification in Hucho spp. and Parahucho perryi. Molecular Ecology Notes, 2004, 4, 150-152.	1.7	21
41	Unravelling the systematics ofNodularia(Bivalvia, Unionidae) species from eastern Russia. Systematics and Biodiversity, 2018, 16, 287-301.	1.2	21
42	Revisiting the North American freshwater mussel genus Quadrula sensu lato (Bivalvia) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 542	1.7	21
43	Phylogeographic patterns of Buthus scorpions (Scorpiones: Buthidae) in the Maghreb and South-Western Europe based on CO1 mtDNA sequences. Journal of Zoology, 2012, 288, 66-75.	1.7	20
44	Newly developed microsatellite markers for the panâ€European duck mussel, Anodonta anatina: revisiting the main mitochondrial lineages. Aquatic Conservation: Marine and Freshwater Ecosystems, 2016, 26, 307-318.	2.0	20
45	The male and female complete mitochondrial genome sequences of the Endangered freshwater mussel Potomida littoralis (Cuvier, 1798) (Bivalvia: Unionidae). Mitochondrial DNA Part A: DNA Mapping, Sequencing, and Analysis, 2016, 27, 3571-3572.	0.7	20
46	The retinoic acid receptor (RAR) in molluscs: Function, evolution and endocrine disruption insights. Aquatic Toxicology, 2019, 208, 80-89.	4.0	20
47	Freshwater conservation assessments in (semi-)arid regions: Testing river intermittence and buffer strategies using freshwater mussels (Bivalvia, Unionida) in Morocco. Biological Conservation, 2019, 236, 420-434.	4.1	20
48	Genetic diversity and population structure of the blue jack mackerel Trachurus picturatus across its western distribution. Journal of Fish Biology, 2019, 94, 725-731.	1.6	20
49	Mitogenomic phylogeny and fossil-calibrated mutation rates for all F- and M-type mtDNA genes of the largest freshwater mussel family, the Unionidae (Bivalvia). Zoological Journal of the Linnean Society, 2021, 193, 1088-1107.	2.3	20
50	Ecological Status of a Margaritifera margaritifera (Linnaeus, 1758) Population at the Southern Edge of its Distribution (River Paiva, Portugal). Environmental Management, 2013, 52, 1230-1238.	2.7	19
51	Are Cristaria herculea (Middendorff, 1847)Âand CristariaÂplicata (Leach, 1815) (Bivalvia, Unionidae) separate species?. ZooKeys, 2014, 438, 1-15.	1.1	19
52	Molecular phylogeny of the Western PalaearcticCordulegastertaxa (Odonata: Anisoptera:) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	1.6	19
53	Diversity, biogeography, evolutionary relationships, and conservation of Eastern Mediterranean freshwater mussels (Bivalvia: Unionidae). Molecular Phylogenetics and Evolution, 2021, 163, 107261.	2.7	19
54	Genetic divergence of tanaidaceans (Crustacea: Peracarida) with low dispersal ability. Scientia Marina, 2014, 78, 81-90.	0.6	19

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55	Genetic diversity within Scorpio maurus (Scorpiones: Scorpionidae) from morocco: Preliminary evidence based on CO1 mitochondrial DNA sequences. Biologia (Poland), 2008, 63, 1157-1160.	1.5	18
56	Variability of mitochondrial ORFans hints at possible differences in the system of doubly uniparental inheritance of mitochondria among families of freshwater mussels (Bivalvia: Unionida). BMC Evolutionary Biology, 2019, 19, 229.	3.2	18
57	The evolutionary history of sharp- and blunt-snouted lenok (Brachymystax lenok (Pallas, 1773)) and its implications for the paleo-hydrological history of Siberia. BMC Evolutionary Biology, 2008, 8, 40.	3.2	17
58	Genetic diversity and population genetic analysis of Donax vittatus (Mollusca: Bivalvia) and phylogeny of the genus with mitochondrial and nuclear markers. Estuarine, Coastal and Shelf Science, 2017, 197, 126-135.	2.1	17
59	Setting the stage for new ecological indicator species: A holistic case study on the Iberian dolphin freshwater mussel Unio delphinus Spengler, 1793. Ecological Indicators, 2020, 111, 105987.	6.3	17
60	Landmark-based geometric morphometrics analysis of body shape variation among populations of the blue jack mackerel, Trachurus picturatus, from the North-East Atlantic. Journal of Sea Research, 2020, 163, 101926.	1.6	17
61	Two distinct mtDNA lineages of the blue crab reveal large-scale population structure in its native Atlantic distribution. Estuarine, Coastal and Shelf Science, 2017, 197, 45-53.	2.1	16
62	Tanaidacea (Crustacea) from Macaronesia III. The shallow-water Tanaidomorpha from the Cape Verde archipelago. Zootaxa, 2012, 3498, 24.	0.5	15
63	A New Polymorphic Species ofLeptochelia(Crustacea: Tanaidacea) from Guinea Bissau, West Africa, with Comments on Genetic Variation withinLeptochelia. African Invertebrates, 2013, 54, 105-125.	0.5	15
64	Cloning and functional characterization of a retinoid X receptor orthologue in Platynereis dumerilii: An evolutionary and toxicological perspective. Chemosphere, 2017, 182, 753-761.	8.2	15
65	The Crown Pearl: a draft genome assembly of the European freshwater pearl musselMargaritifera margaritifera(Linnaeus, 1758). DNA Research, 2021, 28, .	3.4	15
66	Systematics and distribution of Cristaria plicata (Bivalvia, Unionidae) from the Russian Far East. ZooKeys, 2016, 580, 13-27.	1.1	15
67	Phylogeography of the African Common Toad,Amietophrynus regularis, Based on Mitochondrial DNA Sequences: Inferences Regarding the Cape Verde Population and Biogeographical Patterns. African Zoology, 2010, 45, 291-298.	0.4	14
68	Global systematic diversity, range distributions, conservation and taxonomic assessments of graylings (Teleostei: Salmonidae; Thymallus spp.). Organisms Diversity and Evolution, 2021, 21, 25-42.	1.6	14
69	Oued Bouhlou: A new hope for the Moroccan pearl mussel. Aquatic Conservation: Marine and Freshwater Ecosystems, 2018, 28, 247-251.	2.0	13
70	Phylogeny of European Anodontini (Bivalvia: Unionidae) with a redescription of Anodonta exulcerata. Zoological Journal of the Linnean Society, 2020, 189, 745-761.	2.3	13
71	Spatio-temporal microsatellite data suggest a multidirectional connectivity pattern in the Trachurus picturatus metapopulation from the Northeast Atlantic. Fisheries Research, 2020, 225, 105499.	1.7	12
72	Phylogeographic study of the West Australian freshwater mussel, Westralunio carteri, uncovers evolutionarily significant units that raise new conservation concerns. Hydrobiologia, 2021, 848, 2951-2964.	2.0	12

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73	When and how? Freshwater mussel recolonization in Lake Orta. Journal of Limnology, 2016, 75, .	1.1	11
74	Development and multiplexing of microsatellite loci for the near threatened freshwater mussel Potomida littoralis (Cuvier, 1798) using 454 sequencing. Aquatic Conservation: Marine and Freshwater Ecosystems, 2013, 23, 619-623.	2.0	10
75	First record of the freshwater jellyfish Craspedacusta sowerbii Lankester, 1880 in Greece suggests distinct European invasion events. Limnology, 2015, 16, 171-177.	1.5	10
76	Origin and history of Phoxinus (Cyprinidae) introductions in the Douro Basin (Iberian Peninsula): an update inferred from genetic data. Biological Invasions, 2020, 22, 2409-2419.	2.4	10
77	Mitochondrial Gene Rearrangements and Partial Genome Duplications Detected by Multigene Asymmetric Compositional Bias Analysis. Journal of Molecular Evolution, 2006, 63, 654-661.	1.8	9
78	Panmixia in the endangered slipper lobster Scyllarides latus from the northeastern Atlantic and western Mediterranean. Journal of Crustacean Biology, 2013, 33, 557-566.	0.8	8
79	First results on the genetic diversity of the invasive signal crayfish Pacifastacus leniusculus (Dana,) Tj ETQq1 1 0.784314 rgBT /Overlo	1.9	8
80	The male and female complete mitochondrial genomes of the threatened freshwater pearl mussel Margaritifera margaritifera (Linnaeus, 1758) (Bivalvia: Margaritiferidae). Mitochondrial DNA Part B: Resources, 2019, 4, 1417-1420.	0.4	8
81	An endemic freshwater mussel species from the Orontes River basin in Turkey and Syria represents duck musselâ€™s intraspecific lineage: Implications for conservation. Limnologica, 2020, 84, 125811.	1.5	8
82	Nuclear and mitochondrial markers reveal the existence of several geographically concordant lineages within a Sahelian gecko species, Ptyodactylus ragazzii. Amphibia - Reptilia, 2013, 34, 85-93.	0.5	6
83	The strange case of the tetragenous Anodonta anatina. Journal of Experimental Zoology, 2016, 325, 52-56.	1.2	6
84	Multiple species of grayling (Thymallus sp.) found in sympatry in a remote tributary of the Amur River. Zoologica Scripta, 2020, 49, 117-128.	1.7	6
85	Comparative genetic analysis of grayling (Thymallus spp. Salmonidae) across the paleohydrologically dynamic river drainages of the Altai-Sayan mountain region. Hydrobiologia, 2020, 847, 2823-2844.	2.0	6
86	Unravelling the spatial-temporal population structure of Trachurus picturatus across the North-East Atlantic using otolith fingerprinting. Estuarine, Coastal and Shelf Science, 2022, 272, 107860.	2.1	6
87	Integrating molecular ecology and predictive modelling: implications for the conservation of the barbastelle bat (Barbastella barbastellus) in Portugal. European Journal of Wildlife Research, 2012, 58, 721-732.	1.4	5
88	The complete mitochondrial genome of the deep-water cartilaginous fish Hydrolagus affinis (de Brito Capello, 1868) (Holocephali: Chimaeridae). Mitochondrial DNA Part B: Resources, 2020, 5, 1810-1812.	0.4	5
89	Complete mitochondrial genome of the ragworm annelid Hediste diversicolor (of MÃ¼ller, 1776) (Annelida: Nereididae). Mitochondrial DNA Part B: Resources, 2021, 6, 2849-2851.	0.4	5
90	A new genus and two new, rare freshwater mussel (Bivalvia: Unionidae) species endemic to Borneo are threatened by ongoing habitat destruction. Aquatic Conservation: Marine and Freshwater Ecosystems, 2021, 31, 3169-3183.	2.0	5

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91	Liver transcriptome resources of four commercially exploited teleost species. Scientific Data, 2020, 7, 214.	5.3	4
92	Rival at the gate: first record of the Asian clam Corbicula fluminea MÃ¼ller, 1774 (Bivalvia:) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	1.1	4
93	Phylogeography of North AfricanAmietophrynus xerosEstimated from Mitochondrial DNA Sequences. African Zoology, 2009, 44, 208-215.	0.4	3
94	Phylogeography highlights two different Atlantic/Mediterranean lineages and a phenotypic latitudinal gradient for the deep-sea morid codling Lepidion lepidion (Gadiformes: Moridae). Deep-Sea Research Part I: Oceanographic Research Papers, 2020, 157, 103212.	1.4	3
95	The genetic diversity and differentiation of mussels with complex life cycles and relations to host fish migratory traits and densities. Scientific Reports, 2020, 10, 17435.	3.3	3
96	A genome assembly of the Atlantic chub mackerel (Scomber colias): aÂvaluable teleost fishing resource. GigaByte, 0, 2022, 1-21.	0.0	3
97	Multiplexing of novel microsatellite loci for the vulnerable slipper lobsterScyllarus arctus(Linnaeus, 1758). Journal of Experimental Zoology, 2014, 321, 119-123.	1.2	2
98	Phylogenetic analysis shows the general diversification pattern of deep-sea notacanthiforms (Teleostei: Elopomorpha). Molecular Phylogenetics and Evolution, 2018, 124, 192-198.	2.7	2
99	A new gene order in the mitochondrial genome of the deep-sea diaphanous hatchet fish Sternoptyx diaphana Hermann, 1781 (Stomiiformes: Sternoptychidae). Mitochondrial DNA Part B: Resources, 2020, 5, 2850-2852.	0.4	2
100	Shedding light on the Chimaeridae taxonomy: the complete mitochondrial genome of the cartilaginous fish Hydrolagus mirabilis (Collett, 1904) (Holocephali: Chimaeridae). Mitochondrial DNA Part B: Resources, 2021, 6, 420-422.	0.4	2
101	Two new species of family Neotanaidae (Peracarida: Tanaidacea) from the Antarctic and Mid-Pacific Oceans. Zootaxa, 2015, 4018, 535-52.	0.5	1
102	Complete mitochondrial genomes of the freshwater mussels Amblema plicata (Say, 1817), Pleurobema oviforme (Conrad, 1834), and Popenaias popeii (Lea, 1857) (Bivalvia: Unionidae: Ambleminae). Mitochondrial DNA Part B: Resources, 2020, 5, 2959-2961.	0.4	1
103	Constructing the mitochondrial genome of the Peruvian grunt Anisotremus scapularis Tschudi, 1846 (Lutjaniformes: Haemulidae) using RNA-seq data. Mitochondrial DNA Part B: Resources, 2020, 5, 1921-1923.	0.4	1
104	Complete mitogenome of the shortfin spiny eel, Notacanthus bonaparte (Elopomorpha;) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 222 Td (N	0.4	1
105	The complete mitochondrial genome of the endemic Iberian pygmy skate Neoraja iberica Stehmann, SÃ©ret, Costa, & Baro 2008 (Elasmobranchii, Rajidae). Mitochondrial DNA Part B: Resources, 2021, 6, 848-850.	0.4	1
106	A mitochondrial genome assembly of the opal chimaera, Chimaera opalescens Luchetti, IglÃ©sias et Sellos 2011, using PacBio HiFi long reads. Mitochondrial DNA Part B: Resources, 2022, 7, 434-437.	0.4	1
107	Genetic records of intertidal sea anemones from Portugal. Regional Studies in Marine Science, 2020, 34, 101067.	0.7	0
108	Complete mitogenome of the Oven's halosaur, Halosaurus ovenii (Elopomorpha;) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 62 Td (No	0.4	0

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109	Microcondylaea bonellii, a Testimonial for Neglected Endangered Species. , 2021, , .		0