

Sarah J Helyar

List of Publications by Year in descending order

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Version: 2024-02-01

38
papers

2,025
citations

394421

19
h-index

276875

41
g-index

41
all docs

41
docs citations

41
times ranked

3179
citing authors

#	ARTICLE	IF	CITATIONS
1	Life in a drop: Sampling environmental DNA for marine fishery management and ecosystem monitoring. <i>Marine Policy</i> , 2021, 124, 104331.	3.2	52
2	Combining spawn egg counts, individual photo-ID and genetic fingerprinting to estimate the population size and sex ratio of an endangered amphibian. <i>Integrative Zoology</i> , 2021, 16, 240-254.	2.6	2
3	Development and validation of a quantitative qPCR assay for detecting Natterjack toad (<i>Epidalea</i>) Tj ETQq1 1 0.784314 rgBT ₂ Overloc	0.8	
4	Validation of FASTFISH-ID: A new commercial platform for rapid fish species authentication via universal closed-tube barcoding. <i>Food Research International</i> , 2021, 141, 110035.	6.2	8
5	Trade-offs between reducing complex terminology and producing accurate interpretations from environmental DNA: Comment on "Environmental DNA: What's behind the term?" by Pawlowski et al., (2020). <i>Molecular Ecology</i> , 2021, 30, 4601-4605.	3.9	60
6	<i>Chiridota heheva</i> the cosmopolitan holothurian. <i>Marine Biodiversity</i> , 2020, 50, 1.	1.0	13
7	The genetic composition of feeding aggregations of the Atlantic mackerel (<i>Scomber scombrus</i>) in the central north Atlantic: a microsatellite loci approach. <i>ICES Journal of Marine Science</i> , 2020, 77, 604-612.	2.5	6
8	The future of NGS (Next Generation Sequencing) analysis in testing food authenticity. <i>Food Control</i> , 2019, 101, 134-143.	5.5	68
9	Genetic homogeneity in the deep-sea grenadier <i>Macrourus berglax</i> across the North Atlantic Ocean. <i>Deep-Sea Research Part I: Oceanographic Research Papers</i> , 2018, 132, 60-67.	1.4	5
10	Range-wide genomic data synthesis reveals transatlantic vicariance and secondary contact in Atlantic cod. <i>Ecology and Evolution</i> , 2018, 8, 12140-12152.	1.9	7
11	Natural history and molecular evolution of demersal Mediterranean sharks and skates inferred by comparative phylogeographic and demographic analyses. <i>PeerJ</i> , 2018, 6, e5560.	2.0	14
12	Outlier Loci Detect Intraspecific Biodiversity amongst Spring and Autumn Spawning Herring across Local Scales. <i>PLoS ONE</i> , 2016, 11, e0148499.	2.5	25
13	Evaluating genetic traceability methods for captive-bred marine fish and their applications in fisheries management and wildlife forensics. <i>Aquaculture Environment Interactions</i> , 2016, 8, 131-145.	1.8	18
14	Genomic Resources Notes Accepted 1 June 2015 - 31 July 2015. <i>Molecular Ecology Resources</i> , 2015, 15, 1510-1512.	4.8	6
15	Rhodopsin Gene Polymorphism Associated with Divergent Light Environments in Atlantic Cod. <i>Behavior Genetics</i> , 2015, 45, 236-244.	2.1	23
16	Gene-associated markers can assign origin in a weakly structured fish, Atlantic herring. <i>ICES Journal of Marine Science</i> , 2015, 72, 1790-1801.	2.5	50
17	Stock structure of Atlantic herring <i>Clupea harengus</i> in the Norwegian Sea and adjacent waters. <i>Marine Ecology - Progress Series</i> , 2015, 522, 219-230.	1.9	21
18	Fish Product Mislabeling: Failings of Traceability in the Production Chain and Implications for Illegal, Unreported and Unregulated (IUU) Fishing. <i>PLoS ONE</i> , 2014, 9, e98691.	2.5	128

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19	The effect of the "Gait keeper"™ mutation in the <i>DMRT3</i> gene on gaiting ability in Icelandic horses. <i>Journal of Animal Breeding and Genetics</i> , 2014, 131, 415-425.	2.0	34
20	Outlier SNP markers reveal fine-scale genetic structuring across European hake populations (<i>Merluccius merluccius</i>). <i>Molecular Ecology</i> , 2014, 23, 118-135.	3.9	171
21	Genetic structure of the lumpfish <i>Cyclopterus lumpus</i> across the North Atlantic. <i>ICES Journal of Marine Science</i> , 2014, 71, 2390-2397.	2.5	30
22	Life history of turbot in Icelandic waters: Intra- and inter-population genetic diversity and otolith tracking of environmental temperatures. <i>Fisheries Research</i> , 2014, 155, 185-193.	1.7	7
23	Isolation and characterization of thirty microsatellite loci for Atlantic mackerel (<i>Scomber scombrus</i>)	0.8	3
24	Twenty-two novel microsatellite loci for lumpfish (<i>Cyclopterus lumpus</i>). <i>Conservation Genetics Resources</i> , 2013, 5, 177-179.	0.8	8
25	A genomic island linked to ecotype divergence in Atlantic cod. <i>Molecular Ecology</i> , 2013, 22, 2653-2667.	3.9	137
26	Gene-associated markers provide tools for tackling illegal fishing and false eco-certification. <i>Nature Communications</i> , 2012, 3, 851.	12.8	199
27	SNP Discovery Using Next Generation Transcriptomic Sequencing in Atlantic Herring (<i>Clupea</i>)	0.8	3
28	Environmental selection on transcriptome-derived SNPs in a high gene flow marine fish, the Atlantic herring (<i>Clupea harengus</i>). <i>Molecular Ecology</i> , 2012, 21, 3686-3703.	3.9	205
29	Application of SNPs for population genetics of nonmodel organisms: new opportunities and challenges. <i>Molecular Ecology Resources</i> , 2011, 11, 123-136.	4.8	391
30	Novel Tools for Conservation Genomics: Comparing Two High-Throughput Approaches for SNP Discovery in the Transcriptome of the European Hake. <i>PLoS ONE</i> , 2011, 6, e28008.	2.5	59
31	New microsatellite loci for the longnose velvet dogfish <i>Centroselachus crepidater</i> (Squaliformes)	0.8	4
32	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
33	Novel polymorphic microsatellite loci for the protogynous hermaphrodite slinger sea bream (<i>Chrysoblephus puniceus</i> , Sparidae). <i>Molecular Ecology Resources</i> , 2009, 9, 1223-1226.	4.8	5
34	THE DYNAMICS OF MURID GAMMAHERPESVIRUS 4 WITHIN WILD, SYMPATRIC POPULATIONS OF BANK VOLES AND WOOD MICE. <i>Journal of Wildlife Diseases</i> , 2007, 43, 32-39.	0.8	20
35	ECOLOGICAL DIFFERENCES AND COEXISTENCE IN A GUILD OF MICROPARASITES: BARTONELLA IN WILD RODENTS. <i>Ecology</i> , 2007, 88, 1841-1849.	3.2	42
36	Highly polymorphic microsatellite loci in the bank vole (<i>Clethrionomys glareolus</i>). <i>Molecular Ecology Notes</i> , 2005, 5, 311-313.	1.7	15

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37	Detection of quantitative trait loci for androstenone, skatole and boar taint in a cross between Large White and Meishan pigs. <i>Animal Genetics</i> , 2005, 36, 14-22.	1.7	66
38	Inbreeding uncovers fundamental differences in the genetic load affecting male and female fertility in a butterfly. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2005, 272, 39-46.	2.6	52