

# Margaret E Hunter

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4674748/publications.pdf>

Version: 2024-02-01

41  
papers

1,981  
citations

331259

21  
h-index

288905

40  
g-index

46  
all docs

46  
docs citations

46  
times ranked

2227  
citing authors

| #  | ARTICLE   | IF  | CITATIONS |
|----|---|-----|-----------|
| 1  | The Coalition for Conservation Genetics: Working across organizations to build capacity and achieve change in policy and practice. <i>Conservation Science and Practice</i> , 2022, 4, .  | 0.9 | 17        |
| 2  | Novel insights on aquatic mammal MHC evolution: Evidence from manatee DQB diversity. <i>Developmental and Comparative Immunology</i> , 2022, 132, 104398.   | 1.0 | 1         |
| 3  | Global genetic diversity status and trends: towards a suite of Essential Biodiversity Variables (<sc>EBVs</sc>) for genetic composition. <i>Biological Reviews</i> , 2022, 97, 1511-1538.   | 4.7 | 73        |
| 4  | A framework to integrate innovations in invasion science for proactive management. <i>Biological Reviews</i> , 2022, 97, 1712-1735.   | 4.7 | 17        |
| 5  | Environmental DNA Methods for Ecological Monitoring and Biodiversity Assessment in Estuaries. <i>Estuaries and Coasts</i> , 2022, 45, 2254-2273.  | 1.0 | 16        |
| 6  | Effective population size remains a suitable, pragmatic indicator of genetic diversity for all species, including forest trees. <i>Biological Conservation</i> , 2021, 253, 108906.   | 1.9 | 32        |
| 7  | Macrogenetic studies must not ignore limitations of genetic markers and scale. <i>Ecology Letters</i> , 2021, 24, 1282-1284.  | 3.0 | 27        |
| 8  | Authors'™ Reply to Letter to the Editor: Continued improvement to genetic diversity indicator for CBD. <i>Conservation Genetics</i> , 2021, 22, 533-536.  | 0.8 | 18        |
| 9  | Global Commitments to Conserving and Monitoring Genetic Diversity Are Now Necessary and Feasible. <i>BioScience</i> , 2021, 71, 964-976.  | 2.2 | 96        |
| 10 | Lipidomics reveals specific lipid molecules associated with cold stress syndrome in the Florida manatee ( <i>Trichechus manatus latirostris</i> ). <i>Marine Biology</i> , 2021, 168, 1.  | 0.7 | 2         |
| 11 | Chronic exposure to glyphosate in Florida manatee. <i>Environment International</i> , 2021, 152, 106493.  | 4.8 | 17        |
| 12 | Opportunities and challenges of macrogenetic studies. <i>Nature Reviews Genetics</i> , 2021, 22, 791-807.   | 7.7 | 55        |
| 13 | Genetic diversity is considered important but interpreted narrowly in country reports to the Convention on Biological Diversity: Current actions and indicators are insufficient. <i>Biological Conservation</i> , 2021, 261, 109233. | 1.9 | 65        |
| 14 | Strategic considerations for invasive species managers in the utilization of environmental DNA (eDNA): steps for incorporating this powerful surveillance tool. <i>Management of Biological Invasions</i> , 2021, 12, 747-775.        | 0.5 | 25        |
| 15 | Genetic Connectivity of the West Indian Manatee in the Southern Range and Limited Evidence of Hybridization With Amazonian Manatees. <i>Frontiers in Marine Science</i> , 2021, 7, .  | 1.2 | 15        |
| 16 | Diet composition of the African manatee: Spatial and temporal variation within the Sanaga River Watershed, Cameroon. <i>Ecology and Evolution</i> , 2021, 11, 15833-15845.  | 0.8 | 3         |
| 17 | Reporting the limits of detection and quantification for environmental DNA assays. <i>Environmental DNA</i> , 2020, 2, 271-282.   | 3.1 | 269       |
| 18 | Genetic diversity targets and indicators in the CBD post-2020 Global Biodiversity Framework must be improved. <i>Biological Conservation</i> , 2020, 248, 108654.   | 1.9 | 285       |

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|----|---|-----|-----------|
| 19 | Investigating the gene expression profiles of rehabilitated Florida manatees ( <i>Trichechus manatus</i> ) Tj ETQq1 1 0.784314 rgBT /Overlock 1.1   | 1.1 | 3         |
| 20 | Life history, genetics, range expansion and new frontiers of the lionfish ( <i>Pterois volitans</i> ), Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 702 Td (0.4   | 0.4 | 4         |
| 21 | Environmental DNA sampling reveals high occupancy rates of invasive Burmese pythons at wading bird breeding aggregations in the central Everglades. <i>PLoS ONE</i> , 2019, 14, e0213943.   | 1.1 | 17        |
| 22 | Efficacy of eDNA as an early detection indicator for Burmese pythons in the ARM Loxahatchee National Wildlife Refuge in the greater Everglades ecosystem. <i>Ecological Indicators</i> , 2019, 102, 617-622.                                      | 2.6 | 30        |
| 23 | Improving eDNA yield and inhibitor reduction through increased water volumes and multi-filter isolation techniques. <i>Scientific Reports</i> , 2019, 9, 5259.  | 1.6 | 103       |
| 24 | The Florida manatee ( <i>Trichechus manatus latirostris</i> ) T cell receptor loci exhibit V subgroup synteny and chain-specific evolution. <i>Developmental and Comparative Immunology</i> , 2018, 85, 71-85.                                    | 1.0 | 33        |
| 25 | Novel ecological and climatic conditions drive rapid adaptation in invasive Florida Burmese pythons. <i>Molecular Ecology</i> , 2018, 27, 4744-4757.  | 2.0 | 30        |
| 26 | A novel technique for isolating DNA from Tempusâ„¢ blood RNA tubes after RNA isolation. <i>BMC Research Notes</i> , 2018, 11, 563.  | 0.6 | 3         |
| 27 | Cytosuclear discordance in the Florida Everglades invasive Burmese python ( <i>Python bivittatus</i> ) population reveals possible hybridization with the Indian python ( <i>P. molurus</i> ). <i>Ecology and Evolution</i> , 2018, 8, 9034-9047. | 0.8 | 10        |
| 28 | Nextâ€­generation conservation genetics and biodiversity monitoring. <i>Evolutionary Applications</i> , 2018, 11, 1029-1034.  | 1.5 | 43        |
| 29 | The Florida manatee ( <i>Trichechus manatus latirostris</i> ) immunoglobulin heavy chain suggests the importance of clan III variable segments in repertoire diversity. <i>Developmental and Comparative Immunology</i> , 2017, 72, 57-68.        | 1.0 | 21        |
| 30 | Detection limits of quantitative and digital <sc>PCR</sc> assays and their influence in presenceâ€­absence surveys of environmental <sc>DNA</sc>. <i>Molecular Ecology Resources</i> , 2017, 17, 221-229.   | 2.2 | 106       |
| 31 | Environmental DNA (eDNA) Sampling Improves Occurrence and Detection Estimates of Invasive Burmese Pythons. <i>PLoS ONE</i> , 2015, 10, e0121655.  | 1.1 | 166       |
| 32 | Wide-ranging phylogeographic structure of invasive red lionfish in the Western Atlantic and Greater Caribbean. <i>Marine Biology</i> , 2015, 162, 773-781.  | 0.7 | 22        |
| 33 | Marsh rabbit mortalities tie pythons to the precipitous decline of mammals in the Everglades. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2015, 282, 20150120.   | 1.2 | 62        |
| 34 | Statistical Models for the Analysis and Design of Digital Polymerase Chain Reaction (dPCR) Experiments. <i>Analytical Chemistry</i> , 2015, 87, 10886-10893.  | 3.2 | 24        |
| 35 | Genetic analysis of invasive Asian Black Carp ( <i>Mylopharyngodon piceus</i> ) in the Mississippi River Basin: evidence for multiple introductions. <i>Biological Invasions</i> , 2015, 17, 99-114.  | 1.2 | 12        |
| 36 | Rapid Microsatellite Marker Development Using Next Generation Pyrosequencing to Inform Invasive Burmese Pythonâ€­Python molurus bivittatusâ€­Management. <i>International Journal of Molecular Sciences</i> , 2013, 14, 4793-4804.                | 1.8 | 17        |

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|----|--|-----|-----------|
| 37 | Validation of eDNA Surveillance Sensitivity for Detection of Asian Carps in Controlled and Field Experiments. PLoS ONE, 2013, 8, e58316.   | 1.1 | 149       |
| 38 | Puerto Rico and Florida manatees represent genetically distinct groups. Conservation Genetics, 2012, 13, 1623-1635.  | 0.8 | 37        |
| 39 | Low genetic diversity and minimal population substructure in the endangered Florida manatee: implications for conservation. Journal of Mammalogy, 2012, 93, 1504-1511.                   | 0.6 | 27        |
| 40 | Phylogeographic implications for release of critically endangered manatee calves rescued in Northeast Brazil. Aquatic Conservation: Marine and Freshwater Ecosystems, 2012, 22, 665-672. | 0.9 | 23        |
| 41 | Genome-wide SNP analysis of three moose subspecies at the southern range limit in the contiguous United States. Conservation Genetics, 0, , 1.   | 0.8 | 2         |