# Rebecca L Lewison

List of Publications by Year
in descending order



| 101 | 8,224 | 109321 | 49909 |
|---|---|---|---|
| papers | citations | 35 h-index | 87 g-index |

| 101 | 101 | 101 | 10658 |
|---|---|---|---|
| all docs | docs citations | times ranked | citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | A landscapeâ€scale framework to identify refugiaÂfrom multiple stressors. Conservation Biology, 2022, 36, . | 4.7 | 12 |
| 2 | Corporate responsibility and biodiversity conservation: challenges and opportunities for companies participating in Chinaâ€™s Belt and Road Initiative. Environmental Conservation, 2022, 49, 42-52. | 1.3 | 13 |
| 3 | Limited resources shape home range patterns of an insular ungulate in a semi-arid ecosystem. Journal of Arid Environments, 2022, 200, 104728. | 2.4 | 2 |
| 4 | Thermal Effluent and Impacts on Thermoregulation of Aquatic Reptiles: Response to Rapid Changes in Water Temperature. , 2021, , 169-175. | | 0 |
| 5 | Pairing functional connectivity with population dynamics to prioritize corridors for Southern California spotted owls. Diversity and Distributions, 2021, 27, 844-856. | 4.1 | 3 |
| 6 | Dynamic Landscape Connectivity Special Issue Editorial. Land, 2021, 10, 555. | 2.9 | 2 |
| 7 | Pairing long-term population monitoring and wildlife crossing structure interaction data to evaluate road mitigation effectiveness. Biological Conservation, 2021, 257, 109085. | 4.1 | 5 |
| 8 | Species and population specific gene expression in blood transcriptomes of marine turtles. BMC Genomics, 2021, 22, 346. | 2.8 | 9 |
| 9 | Foraging in marine habitats increases mercury concentrations in a generalist seabird. Chemosphere, 2021, 279, 130470. | 8.2 | 7 |
| 10 | Sex-Specific Habitat Suitability Modeling for Panthera tigris in Chitwan National Park, Nepal: Broader Conservation Implications. Sustainability, 2021, 13, 13885. | 3.2 | 3 |
| 11 | Planning for Dynamic Connectivity: Operationalizing Robust Decision-Making and Prioritization Across Landscapes Experiencing Climate and Land-Use Change. Land, 2020, 9, 341. | 2.9 | 11 |
| 12 | Understanding direct and indirect effects of Payment for Ecosystem Services on resource use and wildlife. Anthropocene, 2020, 31, 100255. | 3.3 | 6 |
| 13 | Nitrogen isotope fractionation of amino acids from a controlled study on the green turtle (Chelonia) Tj ETQq1 1 0.784314 rgBT /Over | 1.5 | 7 |
| 14 | Supporting Adaptive Connectivity in Dynamic Landscapes. Land, 2020, 9, 295. | 2.9 | 20 |
| 15 | Understanding the Importance of Dynamic Landscape Connectivity. Land, 2020, 9, 303. | 2.9 | 45 |
| 16 | Using GIS and stakeholder involvement to innovate marine mammal bycatch risk assessment in data-limited fisheries. PLoS ONE, 2020, 15, e0237835. | 2.5 | 10 |
| 17 | Identifying landscape predictors of ocelot road mortality. Landscape Ecology, 2020, 35, 1651-1666. | 4.2 | 17 |
| 18 | Integrating oceans into climate policy: Any green new deal needs a splash of blue. Conservation Letters, 2020, 13, e12716. | 5.7 | 13 |

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|---|---|---|---|
| 19 | Carnivore population structure across an urbanization gradient: a regional genetic analysis of bobcats in southern California. Landscape Ecology, 2020, 35, 659-674. | 4.2 | 6 |
| 20 | Rethinking megafauna. Proceedings of the Royal Society B: Biological Sciences, 2020, 287, 20192643. | 2.6 | 35 |
| 21 | Assessing the effects of payments for ecosystem services programs on forest structure and species biodiversity. Biodiversity and Conservation, 2020, 29, 2123-2140. | 2.6 | 17 |
| 22 | Monitoring land-cover and land-use dynamics in Fanjingshan National Nature Reserve. Applied Geography, 2019, 111, 102077. | 3.7 | 24 |
| 23 | Seasonal spatial segregation in blue sharks (Prionace glauca) by sex and size class in the Northeast Pacific Ocean. Diversity and Distributions, 2019, 25, 1304-1317. | 4.1 | 24 |
| 24 | Tracking transcriptomic responses to endogenous and exogenous variation in cetaceans in the Southern California Bight. , 2019, 7, coz018. | | 8 |
| 25 | Reply to Horswill and Manica: FTLE is one of a suite of oceanographic variables useful for predicting bycatch risk in marine fisheries. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 7174-7175. | 7.1 | 0 |
| 26 | Contaminant Exposure Linked to Cellular and Endocrine Biomarkers in Southern California Bottlenose Dolphins. Environmental Science & Technology, 2019, 53, 3811-3822. | 10.0 | 15 |
| 27 | Accounting for unintended consequences of resource policy: Connecting research that addresses displacement of environmental impacts. Conservation Letters, 2019, 12, e12628. | 5.7 | 14 |
| 28 | Complex immune responses and molecular reactions to pathogens and disease in a desert reptile () Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5 | 1.9 | 10 |
| 29 | Practical considerations for operationalizing dynamic management tools. Journal of Applied Ecology, 2019, 56, 459-469. | 4.0 | 44 |
| 30 | Comprehensive Screening Links Halogenated Organic Compounds with Testosterone Levels in Male Delphinus delphis from the Southern California Bight. Environmental Science & Technology, 2018, 52, 3101-3109. | 10.0 | 29 |
| 31 | Characterizing habitat suitability for a centralâ€place forager in a dynamic marine environment. Ecology and Evolution, 2018, 8, 2788-2801. | 1.9 | 21 |
| 32 | Seabirds as regional biomonitors of legacy toxicants on an urbanized coastline. Science of the Total Environment, 2018, 619-620, 460-469. | 8.0 | 17 |
| 33 | Protecting marine mammals, turtles, and birds by rebuilding global fisheries. Science, 2018, 359, 1255-1258. | 12.6 | 34 |
| 34 | A dynamic ocean management tool to reduce bycatch and support sustainable fisheries. Science Advances, 2018, 4, eaar3001. | 10.3 | 280 |
| 35 | Prevalence of polygyny in a critically endangered marine turtle population. Journal of Experimental Marine Biology and Ecology, 2018, 506, 91-99. | 1.5 | 14 |
| 36 | Fisheries bycatch risk to marine megafauna is intensified in Lagrangian coherent structures. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, 7362-7367. | 7.1 | 62 |

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|---|---|---|---|
| 37 | Embracing Complexity and Complexity-Awareness in Marine Megafauna Conservation and Research. Frontiers in Marine Science, 2018, 5, . | 2.5 | 16 |
| 38 | Integrating Dynamic Subsurface Habitat Metrics Into Species Distribution Models. Frontiers in Marine Science, 2018, 5, . | 2.5 | 75 |
| 39 | Mapping Vegetation and Land Use Types in Fanjingshan National Nature Reserve Using Google Earth Engine. Remote Sensing, 2018, 10, 927. | 4.0 | 105 |
| 40 | Poor fisheries struggle with U.S. import rule. Science, 2017, 355, 1031-1032. | 12.6 | 11 |
| 41 | A Rubric to Evaluate Citizen-Science Programs for Long-Term Ecological Monitoring. BioScience, 2017, 67, 834-844. | 4.9 | 27 |
| 42 | Fit to predict? Ecoâ€informatics for predicting the catchability of a pelagic fish in near real time. Ecological Applications, 2017, 27, 2313-2329. | 3.8 | 53 |
| 43 | Natal foraging philopatry in eastern Pacific hawksbill turtles. Royal Society Open Science, 2017, 4, 170153. | 2.4 | 17 |
| 44 | Integrating research using animalâ€borne telemetry with the needs of conservation management. Journal of Applied Ecology, 2017, 54, 423-429. | 4.0 | 106 |
| 45 | Reframing the payments for ecosystem services framework in a coupled human and natural systems context: strengthening the integration between ecological and human dimensions. Ecosystem Health and Sustainability, 2017, 3, . | 3.1 | 5 |
| 46 | Coupling gene-based and classic veterinary diagnostics improves interpretation of health and immune function in the Agassizâ€™s desert tortoise (Gopherus agassizii). , 2017, 5, cox037. | | 8 |
| 47 | A Global Capacity Building Vision for Societal Applications of Earth Observing Systems and Data: Key Questions and Recommendations. Bulletin of the American Meteorological Society, 2016, 97, 1295-1299. | 3.3 | 7 |
| 48 | Improved estimation of intrinsic growth r<sub>max</sub> for longâ€lived species: integrating matrix models and allometry. Ecological Applications, 2016, 26, 322-333. | 3.8 | 30 |
| 49 | Hawksbill turtle terra incognita: conservation genetics ofÂeastern Pacific rookeries. Ecology and Evolution, 2016, 6, 1251-1264. | 1.9 | 29 |
| 50 | Puma response to the effects of fire and urbanization. Journal of Wildlife Management, 2016, 80, 221-234. | 1.8 | 17 |
| 51 | Drivers of retention and discards of elasmobranch non-target catch. Environmental Conservation, 2016, 43, 3-12. | 1.3 | 23 |
| 52 | Characterizing response of East Pacific green turtles to changing temperatures: using acoustic telemetry in a highly urbanized environment. Animal Biotelemetry, 2016, 4, . | 1.9 | 11 |
| 53 | Satellite Remote Sensing in Support of Fisheries Management in Global Oceans. Springer Remote Sensing/photogrammetry, 2016, , 207-222. | 0.4 | 3 |
| 54 | Quantifying canopy fractional cover and change in Fanjingshan National Nature Reserve, China using multi-temporal Landsat imagery. Remote Sensing Letters, 2016, 7, 671-680. | 1.4 | 6 |

| # | Article | IF | Citations |
|---|---|---|---|
| 55 | Comparing stakeholder perceptions with empirical outcomes from negotiated rulemaking policies: Is participant satisfaction a proxy for policy success?. Marine Policy, 2016, 73, 224-230. | 3.2 | 0 |
| 56 | Evaluating the efficacy of environmental legislation: A case study from the US marine mammal Take Reduction Planning process. Global Ecology and Conservation, 2016, 5, 1-11. | 2.1 | 18 |
| 57 | Negative impacts of invasive plants on conservation of sensitive desert wildlife. Ecosphere, 2016, 7, e01531. | 2.2 | 31 |
| 58 | Using the DPSIR framework for transdisciplinary training and knowledge elicitation in the Gulf of Thailand. Ocean and Coastal Management, 2016, 134, 163-172. | 4.4 | 23 |
| 59 | How the DPSIR framework can be used for structuring problems and facilitating empirical research in coastal systems. Environmental Science and Policy, 2016, 56, 110-119. | 4.9 | 149 |
| 60 | Addressing fisheries bycatch in a changing world. Frontiers in Marine Science, 2015, 2, . | 2.5 | 89 |
| 61 | Using community-level metrics to monitor the effects of marine protected areas on biodiversity. Conservation Biology, 2015, 29, 775-783. | 4.7 | 24 |
| 62 | Dynamic ocean management: Defining and conceptualizing real-time management of the ocean. Marine Policy, 2015, 58, 42-50. | 3.2 | 346 |
| 63 | Dynamic Ocean Management: Identifying the Critical Ingredients of Dynamic Approaches to Ocean Resource Management. BioScience, 2015, 65, 486-498. | 4.9 | 200 |
| 64 | Carbon stable isotopes suggest that hippopotamusâ€vectored nutrients subsidize aquatic consumers in an East African river. Ecosphere, 2015, 6, 1-11. | 2.2 | 67 |
| 65 | Contextualising the coupled socio-ecological conditions of marine megafauna bycatch. Ocean and Coastal Management, 2015, 116, 449-465. | 4.4 | 24 |
| 66 | Managing catch of marine megafauna: Guidelines for setting limit reference points. Marine Policy, 2015, 61, 249-263. | 3.2 | 17 |
| 67 | The effects of homing and movement behaviors on translocation: Desert tortoises in the western Mojave Desert. Journal of Wildlife Management, 2015, 79, 137-147. | 1.8 | 20 |
| 68 | Identifying Bioaccumulative Halogenated Organic Compounds Using a Nontargeted Analytical Approach: Seabirds as Sentinels. PLoS ONE, 2015, 10, e0127205. | 2.5 | 36 |
| 69 | Global patterns of marine mammal, seabird, and sea turtle bycatch reveal taxa-specific and cumulative megafauna hotspots. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 5271-5276. | 7.1 | 367 |
| 70 | Elucidating the trophic ecology of foraging leatherback turtles: editorial comment on the feature article by Wallace et al.. Marine Biology, 2014, 161, 1709-1710. | 1.5 | 0 |
| 71 | Polybrominated diphenyl ethers (PBDEs) in fish tissue may be an indicator of plastic contamination in marine habitats. Science of the Total Environment, 2014, 476-477, 622-633. | 8.0 | 185 |
| 72 | Fine scale diel movement of the east Pacific green turtle, Chelonia mydas, in a highly urbanized foraging environment. Journal of Experimental Marine Biology and Ecology, 2013, 443, 56-64. | 1.5 | 33 |

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|---|---|---|---|
| 73 | Impacts of fisheries bycatch on marine turtle populations worldwide: toward conservation and research priorities. Ecosphere, 2013, 4, 1-49. | 2.2 | 162 |
| 74 | Cumulative Human Impacts on Mediterranean and Black Sea Marine Ecosystems: Assessing Current Pressures and Opportunities. PLoS ONE, 2013, 8, e79889. | 2.5 | 413 |
| 75 | Shifting the life-history paradigm: discovery of novel habitat use by hawksbill turtles. Biology Letters, 2012, 8, 54-56. | 2.3 | 48 |
| 76 | Finding Balance in Fisheries Management. Science, 2012, 336, 413-413. | 12.6 | 11 |
| 77 | Trace metals in an urbanized estuarine sea turtle food web in San Diego Bay, CA. Science of the Total Environment, 2012, 417-418, 108-116. | 8.0 | 26 |
| 78 | Cumulative estimates of sea turtle bycatch and mortality in USA fisheries between 1990 and 2007. Biological Conservation, 2011, 144, 2719-2727. | 4.1 | 110 |
| 79 | Dynamic habitat models: using telemetry data to project fisheries bycatch. Proceedings of the Royal Society B: Biological Sciences, 2011, 278, 3191-3200. | 2.6 | 78 |
| 80 | Trophic ecology of green sea turtles in a highly urbanized bay: Insights from stable isotopes and mixing models. Journal of Experimental Marine Biology and Ecology, 2011, 405, 25-32. | 1.5 | 92 |
| 81 | Pollutants and the health of green sea turtles resident to an urbanized estuary in San Diego, CA. Chemosphere, 2011, 84, 544-552. | 8.2 | 97 |
| 82 | Global patterns of marine turtle bycatch. Conservation Letters, 2010, 3, 131-142. | 5.7 | 242 |
| 83 | The Impact of Conservation on the Status of the Worldâ€™s Vertebrates. Science, 2010, 330, 1503-1509. | 12.6 | 1,209 |
| 84 | Characterizing Fishing Effort and Spatial Extent of Coastal Fisheries. PLoS ONE, 2010, 5, e14451. | 2.5 | 120 |
| 85 | Mapping the bycatch seascape: multispecies and multiâ€scale spatial patterns of fisheries bycatch. Ecological Applications, 2009, 19, 920-930. | 3.8 | 57 |
| 86 | A review of marine mammal, sea turtle and seabird bycatch in USA fisheries and the role of policy in shaping management. Marine Policy, 2009, 33, 435-451. | 3.2 | 147 |
| 87 | Quantifying fishing effort: a synthesis of current methods and their applications. Fish and Fisheries, 2008, 9, 188-200. | 5.3 | 135 |
| 88 | Impacts of fisheries bycatch on loggerhead turtles worldwide inferred from reproductive value analyses. Journal of Applied Ecology, 2008, 45, 1076-1085. | 4.0 | 66 |
| 89 | The Status of the World's Land and Marine Mammals: Diversity, Threat, and Knowledge. Science, 2008, 322, 225-230. | 12.6 | 1,215 |
| 90 | MODELING SPATIAL PATTERNS IN FISHERIES BYCATCH: IMPROVING BYCATCH MAPS TO AID FISHERIES MANAGEMENT. , 2008, 18, 649-661. | | 57 |

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|---|---|---|---|
| 91 | Evaluating the Potential Effectiveness of Compensatory Mitigation Strategies for Marine Bycatch. PLoS ONE, 2008, 3, e2480. | 2.5 | 40 |
| 92 | Compensatory mitigation for marine bycatch will do harm, not good. Frontiers in Ecology and the Environment, 2007, 5, 350-351. | 4.0 | 8 |
| 93 | Population responses to natural and human-mediated disturbances: assessing the vulnerability of the common hippopotamus (Hippopotamus amphibius). African Journal of Ecology, 2007, 45, 407-415. | 0.9 | 36 |
| 94 | Putting Longline Bycatch of Sea Turtles into Perspective. Conservation Biology, 2007, 21, 79-86. | 4.7 | 147 |
| 95 | Quantifying the effects of fisheries on threatened species: the impact of pelagic longlines on loggerhead and leatherback sea turtles. Ecology Letters, 2004, 7, 221-231. | 6.4 | 405 |
| 96 | Exploring behavior of an unusual megaherbivore: a spatially explicit foraging model of the hippopotamus. Ecological Modelling, 2004, 171, 127-138. | 2.5 | 38 |
| 97 | The Impact of Turtle Excluder Devices and Fisheries Closures on Loggerhead and Kemp's Ridley Strandings in the Western Gulf of Mexico. Conservation Biology, 2003, 17, 1089-1097. | 4.7 | 78 |
| 98 | ESTIMATING FISHERY BYCATCH AND EFFECTS ON A VULNERABLE SEABIRD POPULATION. , 2003, 13, 743-753. | | 121 |
| 99 | Validation of a rigorous track classification technique: identifying individual mountain lions. Biological Conservation, 2001, 99, 313-321. | 4.1 | 23 |
| 100 | Infanticide in the hippopotamus: evidence for polygynous ungulates. Ethology Ecology and Evolution, 1998, 10, 277-286. | 1.4 | 23 |
| 101 | Improved estimation of intrinsic growthr<sub>max</sub>for long-lived species: integrating matrix models and allometry. , 0, , 150611153552004. | | 3 |