

# Matthew E Watts

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6747207/publications.pdf>

Version: 2024-02-01

33  
papers

3,014  
citations

331670

21  
h-index

454955

30  
g-index

33  
all docs

33  
docs citations

33  
times ranked

4342  
citing authors

#	ARTICLE	IF	CITATIONS
1	Software for prioritizing conservation actions based on probabilistic information. <i>Conservation Biology</i> , 2021, 35, 1299-1308.	4.7	10
2	Using individual-based movement information to identify spatial conservation priorities for mobile species. <i>Conservation Biology</i> , 2019, 33, 1426-1437.	4.7	22
3	A habitat-based approach to predict impacts of marine protected areas on fishers. <i>Conservation Biology</i> , 2018, 32, 1096-1106.	4.7	14
4	Tax Shifting and Incentives for Biodiversity Conservation on Private Lands. <i>Conservation Letters</i> , 2018, 11, e12377.	5.7	14
5	Mixed policies give more options in multifunctional tropical forest landscapes. <i>Journal of Applied Ecology</i> , 2017, 54, 51-60.	4.0	57
6	On which targets should we compromise in conservation prioritization problems?. <i>Methods in Ecology and Evolution</i> , 2017, 8, 1858-1865.	5.2	3
7	Systematic Conservation Planning with Marxan. , 2017, , 211-227.		12
8	Improving spatial prioritisation for remote marine regions: optimising biodiversity conservation and sustainable development trade-offs. <i>Scientific Reports</i> , 2016, 6, 32029.	3.3	23
9	Solving conservation planning problems with integer linear programming. <i>Ecological Modelling</i> , 2016, 328, 14-22.	2.5	106
10	An open Web-based system for the analysis and sharing of animal tracking data. <i>Animal Biotelemetry</i> , 2015, 3, 1.	1.9	85
11	Using multivariate statistics to explore trade-offs among spatial planning scenarios. <i>Journal of Applied Ecology</i> , 2014, 51, 1504-1514.	4.0	30
12	Evaluating the influence of candidate terrestrial protected areas on coral reef condition in Fiji. <i>Marine Policy</i> , 2014, 44, 360-365.	3.2	32
13	OzTrack – E-Infrastructure to Support the Management, Analysis and Sharing of Animal Tracking Data. , 2013, , .		9
14	Tradeoffs in marine reserve design: habitat condition, representation, and socioeconomic costs. <i>Conservation Letters</i> , 2013, 6, 324-332.	5.7	42
15	V-Track: software for analysing and visualising animal movement from acoustic telemetry detections. <i>Marine and Freshwater Research</i> , 2012, 63, 815.	1.3	120
16	Short- and long-term movement patterns in the freshwater whipray ( <i>Himantura dalyensis</i> ) determined by the signal processing of passive acoustic telemetry data. <i>Marine and Freshwater Research</i> , 2012, 63, 341.	1.3	18
17	Forest conservation delivers highly variable coral reef conservation outcomes. <i>Ecological Applications</i> , 2012, 22, 1246-1256.	3.8	64
18	Informed opportunism for conservation planning in the Solomon Islands. <i>Conservation Letters</i> , 2011, 4, 38-46.	5.7	81

#	ARTICLE	IF	CITATIONS
19	Conservation planning under climate change: Toward accounting for uncertainty in predicted species distributions to increase confidence in conservation investments in space and time. <i>Biological Conservation</i> , 2011, 144, 2020-2030.	4.1	167
20	Planning for reserve adequacy in dynamic landscapes; maximizing future representation of vegetation communities under flood disturbance in the Pantanal wetland. <i>Diversity and Distributions</i> , 2011, 17, 297-310.	4.1	39
21	Using multivariate analysis to deliver conservation planning products that align with practitioner needs. <i>Ecography</i> , 2011, 34, 203-207.	4.5	21
22	An interoperable decision support tool for conservation planning. <i>Environmental Modelling and Software</i> , 2011, 26, 1434-1441.	4.5	41
23	Environmental and ecological factors influencing dive behaviour in the freshwater snake <i>Acrochordus arafurae</i> : a field-based telemetric study. <i>Marine and Freshwater Research</i> , 2010, 61, 560.	1.3	11
24	Influence of a Threatened Species Focus on Conservation Planning. <i>Conservation Biology</i> , 2010, 24, 441-449.	4.7	32
25	Estuarine crocodiles ride surface currents to facilitate long-distance travel. <i>Journal of Animal Ecology</i> , 2010, 79, 955-964.	2.8	72
26	Voting power and target-based site prioritization. <i>Biological Conservation</i> , 2010, 143, 1989-1997.	4.1	4
27	Spatial marine zoning for fisheries and conservation. <i>Frontiers in Ecology and the Environment</i> , 2010, 8, 349-353.	4.0	133
28	Marxan with Zones: Software for optimal conservation based land- and sea-use zoning. <i>Environmental Modelling and Software</i> , 2009, 24, 1513-1521.	4.5	436
29	Spatial conservation prioritization inclusive of wilderness quality: A case study of Australia's biodiversity. <i>Biological Conservation</i> , 2009, 142, 1282-1290.	4.1	51
30	Incorporating ecological and evolutionary processes into continental-scale conservation planning. <i>Ecological Applications</i> , 2009, 19, 206-217.	3.8	187
31	PLANNING FOR PERSISTENCE IN MARINE RESERVES: A QUESTION OF CATASTROPHIC IMPORTANCE. , 2008, 18, 670-680.		134
32	Conservation planning in a changing world. <i>Trends in Ecology and Evolution</i> , 2007, 22, 583-592.	8.7	842
33	Is maximizing protection the same as minimizing loss? Efficiency and retention as alternative measures of the effectiveness of proposed reserves. <i>Ecology Letters</i> , 2004, 7, 1035-1046.	6.4	102