

Matthias Wolff

List of Publications by Year in descending order

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53
papers

1,725
citations

279798

23
h-index

302126

39
g-index

53
all docs

53
docs citations

53
times ranked

1877
citing authors

#	ARTICLE	IF	CITATIONS
1	TropFishR : an R package for fisheries analysis with length-frequency data. <i>Methods in Ecology and Evolution</i> , 2017, 8, 1520-1527.	5.2	143
2	Sustainable Livelihoods Approach in tropical coastal and marine social-ecological systems: A review. <i>Marine Policy</i> , 2013, 42, 253-258.	3.2	106
3	Life-history, movement, and habitat use of <i>Scylla serrata</i> (Decapoda, Portunidae): current knowledge and future challenges. <i>Hydrobiologia</i> , 2016, 763, 5-21.	2.0	90
4	Feeding ecology of the mangrove crab <i>Ucides cordatus</i> (Ocypodidae): food choice, food quality and assimilation efficiency. <i>Marine Biology</i> , 2007, 151, 1665-1681.	1.5	87
5	Trophic modeling of the Northern Humboldt Current Ecosystem, Part I: Comparing trophic linkages under La Niña and El Niño conditions. <i>Progress in Oceanography</i> , 2008, 79, 352-365.	3.2	81
6	Activity patterns, feeding and burrowing behaviour of the crab <i>Ucides cordatus</i> (Ucididae) in a high intertidal mangrove forest in North Brazil. <i>Journal of Experimental Marine Biology and Ecology</i> , 2009, 374, 104-112.	1.5	79
7	Environmental variability and fisheries: what can models do?. <i>Reviews in Fish Biology and Fisheries</i> , 2008, 18, 273-299.	4.9	78
8	Carrying capacity simulations as a tool for ecosystem-based management of a scallop aquaculture system. <i>Ecological Modelling</i> , 2016, 331, 44-55.	2.5	70
9	Land use and land cover change affecting habitat distribution in the Segara Anakan lagoon, Java, Indonesia. <i>Regional Environmental Change</i> , 2009, 9, 235-243.	2.9	60
10	Trophic modeling of the Northern Humboldt Current Ecosystem, Part II: Elucidating ecosystem dynamics from 1995 to 2004 with a focus on the impact of ENSO. <i>Progress in Oceanography</i> , 2008, 79, 366-378.	3.2	59
11	Changes in trophic flow structure of Independence Bay (Peru) over an ENSO cycle. <i>Progress in Oceanography</i> , 2008, 79, 336-351.	3.2	51
12	Contextual factors influencing sustainable fisheries in Mexico. <i>Marine Policy</i> , 2011, 35, 343-350.	3.2	51
13	Climate variability and the Peruvian scallop fishery: the role of formal institutions in resilience building. <i>Climatic Change</i> , 2009, 94, 211-232.	3.6	39
14	What model suits ecosystem-based fisheries management? A plea for a structured modeling process. <i>Reviews in Fish Biology and Fisheries</i> , 2012, 22, 81-94.	4.9	36
15	Size structure and gear selectivity of target species in the multispecies multigear fishery of the Kenyan South Coast. <i>Ocean and Coastal Management</i> , 2016, 130, 95-106.	4.4	36
16	Trophic flow structure of the Danajon ecosystem (Central Philippines) and impacts of illegal and destructive fishing practices. <i>Journal of Marine Systems</i> , 2014, 139, 103-118.	2.1	35
17	Differences in food web structure of mangroves and freshwater marshes: evidence from stable isotope studies in the Southern Gulf of Mexico. <i>Wetlands Ecology and Management</i> , 2015, 23, 293-314.	1.5	32
18	From an open-access fishery to a regulated aquaculture business: the case of the most important Latin American bay scallop (<i>Argopecten purpuratus</i>). <i>Reviews in Aquaculture</i> , 2019, 11, 187-203.	9.0	32

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19	Interactions between the South American sea lion (<i>Otaria flavescens</i>) and the artisanal fishery off Coquimbo, northern Chile. <i>ICES Journal of Marine Science</i> , 2008, 65, 1739-1746.	2.5	26
20	Trophic and environmental drivers of the Sechura Bay Ecosystem (Peru) over an ENSO cycle. <i>Helgoland Marine Research</i> , 2008, 62, 15-32.	1.3	25
21	The Bolivar Channel Ecosystem of the Galapagos Marine Reserve: Energy flow structure and role of keystone groups. <i>Journal of Sea Research</i> , 2011, 66, 123-134.	1.6	25
22	Using Traditional Ecological Knowledge to Improve Holistic Fisheries Management: Transdisciplinary Modeling of a Lagoon Ecosystem of Southern Mexico. <i>Ecology and Society</i> , 2013, 18, .	2.3	25
23	Capacity building to achieve sustainable fisheries management in Mexico. <i>Ocean and Coastal Management</i> , 2011, 54, 731-741.	4.4	24
24	From sea sharing to sea sparing – Is there a paradigm shift in ocean management?. <i>Ocean and Coastal Management</i> , 2015, 116, 58-63.	4.4	24
25	Modeling trophic flows in the wettest mangroves of the world: the case of Bahía Málaga in the Colombian Pacific coast. <i>Hydrobiologia</i> , 2017, 803, 13-27.	2.0	24
26	Assessment of the stock status of small-scale and multi-gear fisheries resources in the tropical Eastern Pacific region. <i>Regional Studies in Marine Science</i> , 2018, 24, 311-323.	0.7	24
27	Scallop Fishery and Culture in Peru. <i>Developments in Aquaculture and Fisheries Science</i> , 2016, , 1089-1109.	1.3	23
28	Flood pulse induced changes in isotopic niche and resource utilization of consumers in a Mexican floodplain system. <i>Aquatic Sciences</i> , 2017, 79, 597-616.	1.5	23
29	Elucidating fishing effects in a large-predator dominated system: The case of Darwin and Wolf Islands (Galápagos). <i>Journal of Sea Research</i> , 2016, 107, 1-11.	1.6	21
30	Integrating the Concept of Resilience into an Ecosystem Approach to Bivalve Aquaculture Management. <i>Ecosystems</i> , 2017, 20, 1364-1382.	3.4	21
31	Holistic assessment of Chwaka Bay's multi-gear fishery – Using a trophic modeling approach. <i>Journal of Marine Systems</i> , 2018, 180, 265-278.	2.1	21
32	Live coral trade impacts on the mushroom coral <i>Heliofungia actiniformis</i> in Indonesia: Potential future management approaches. <i>Biological Conservation</i> , 2010, 143, 2722-2729.	4.1	20
33	Hábitos alimentarios de dos peces pelágicos <i>Thunnus albacares</i> y <i>Acanthocybium solandri</i> de la Reserva Marina de Galápagos. <i>Revista De Biología Marina Y Oceanografía</i> , 2012, 47, 01-11.	0.2	20
34	Deep-sea fish assemblages in the Colombian Caribbean Sea. <i>Fisheries Research</i> , 2012, 125-126, 87-98.	1.7	20
35	Implications of using small meshed gillnets for the sustainability of fish populations: a theoretical exploration based on three case studies. <i>Fisheries Management and Ecology</i> , 2015, 22, 379-387.	2.0	19
36	Evolving trends in the Kenyan artisanal reef fishery and its implications for fisheries management. <i>Ocean and Coastal Management</i> , 2015, 104, 36-44.	4.4	17

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37	Stock assessment of fishery target species in Lake Koka, Ethiopia. <i>Revista De Biología Tropical</i> , 2015, 63, 755.	0.4	17
38	Microhabitat use of early benthic stage mud crabs, <i>Scylla serrata</i> (Forskål, 1775), in eastern Australia. <i>Journal of Crustacean Biology</i> , 2014, 34, 604-610.	0.8	16
39	Assessing the effects of demersal fishing and conservation strategies of marine mammals over a Patagonian food web. <i>Ecological Modelling</i> , 2016, 331, 31-43.	2.5	16
40	Modeling trophic interactions and the impact of an introduced exotic carp species in the Rift Valley Lake Koka, Ethiopia. <i>Ecological Modelling</i> , 2018, 378, 26-36.	2.5	15
41	From adoption to implementation? An academic perspective on Sustainable Fisheries Management in a developing country. <i>Marine Policy</i> , 2015, 62, 252-260.	3.2	14
42	Effort reallocation of illegal fishing operations: A profitable scenario for the municipal fisheries of Danajon Bank, Central Philippines. <i>Ecological Modelling</i> , 2016, 331, 5-16.	2.5	14
43	Gear selectivity of fishery target resources in Lake Koka, Ethiopia: evaluation and management implications. <i>Hydrobiologia</i> , 2016, 765, 277-295.	2.0	13
44	Mass-balanced trophic and loop models of complex benthic systems in northern Chile (SE Pacific) to improve sustainable interventions: a comparative analysis. <i>Hydrobiologia</i> , 2008, 605, 1-10.	2.0	11
45	Toward Ecosystem-Based Assessment and Management of Small-Scale and Multi-Gear Fisheries: Insights From the Tropical Eastern Pacific. <i>Frontiers in Marine Science</i> , 2019, 6, .	2.5	11
46	Comparative growth and mortality of cultured Lion's Paw scallops (<i>Nodipecten subnodosus</i>) from Gulf of California and Pacific populations and their reciprocal transplants. <i>Aquaculture Research</i> , 2015, 46, 185-201.	1.8	8
47	Comparing an ecosystem approach to single-species stock assessment: The case of Gazi Bay, Kenya. <i>Journal of Marine Systems</i> , 2018, 184, 1-14.	2.1	6
48	Distribution, abundance and fishing potential of mega-invertebrates in the sub-euphotic zone (150â€“535) Tj ETQq0 0 0 rgBT /Overlock	0.7	5
49	Seasonal changes in water quality and fisheries of Tanbi Wetland National Park. <i>Regional Studies in Marine Science</i> , 2016, 8, 170-182.	0.7	4
50	Growth parameters of the invasive lionfish (<i>Pterois volitans</i>) in the Colombian Caribbean. <i>Regional Studies in Marine Science</i> , 2020, 38, 101362.	0.7	4
51	The Importance of Values in Predicting and Encouraging Environmental Behavior: Reflections From a Costa Rican Small-Scale Fishery. <i>Frontiers in Marine Science</i> , 2021, 8, .	2.5	2
52	Spatial distribution and size structure of the squat lobster <i>Agononida longipes</i> (A. Milne Edwards,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 <i>Journal of Aquatic Research</i> , 2019, 47, 147-155.	0.6	2
53	Steady State Models of Ecological Systems: EcoPath Approach to Mass-Balanced System Descriptions. , 2011, , 55-66.		0