

# Malte Willmes

## List of Publications by Year in descending order

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Version: 2024-02-01

35  
papers

789  
citations

623188

14  
h-index

525886

27  
g-index

44  
all docs

44  
docs citations

44  
times ranked

950  
citing authors

#	ARTICLE	IF	CITATIONS
1	Spatial Heterogeneity in Prey Availability, Feeding Success, and Dietary Selectivity for the Threatened Longfin Smelt. <i>Estuaries and Coasts</i> , 2022, 45, 1766-1779.	1.0	4
2	Diversity in Habitat Use by White Sturgeon Revealed Using Fin Ray Geochemistry. <i>Frontiers in Marine Science</i> , 2022, 9, .	1.2	1
3	A large-scale environmental strontium isotope baseline map of Portugal for archaeological and paleoecological provenance studies. <i>Journal of Archaeological Science</i> , 2022, 142, 105595.	1.2	13
4	Polygenic discrimination of migratory phenotypes in an estuarine forage fish. <i>G3: Genes, Genomes, Genetics</i> , 2022, 12, .	0.8	4
5	Geochemical Tools Identify the Origins of Chinook Salmon Returning to a Restored Creek. <i>Fisheries</i> , 2021, 46, 22-32.	0.6	9
6	Otolith-based approaches indicate strong effects of environmental variation on growth of a Critically Endangered estuarine fish. <i>Marine Ecology - Progress Series</i> , 2021, 676, 37-56.	0.9	11
7	Geologic variability of conodont strontium isotopic composition quantified by laser ablation multiple collection inductively coupled plasma mass spectrometry. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2021, 568, 110308.	1.0	5
8	Biogeochemical processes create distinct isotopic fingerprints to track floodplain rearing of juvenile salmon. <i>PLoS ONE</i> , 2021, 16, e0257444.	1.1	2
9	Experimental validation of otolith-based age and growth reconstructions across multiple life stages of a critically endangered estuarine fish. <i>PeerJ</i> , 2021, 9, e12280.	0.9	4
10	Newly discovered spawning and recruitment of threatened Longfin Smelt in restored and underexplored tidal wetlands. <i>Ecology</i> , 2020, 101, e02868.	1.5	15
11	Ontogenetic patterns in the calcification and element incorporation in fin rays of age-0 White Sturgeon. <i>Environmental Biology of Fishes</i> , 2020, 103, 1401-1418.	0.4	4
12	Sampling Plants and Malacofauna in <sup>87</sup> Sr/ <sup>86</sup> Sr Bioavailability Studies: Implications for Isoscape Mapping and Reconstructing of Past Mobility Patterns. <i>Frontiers in Ecology and Evolution</i> , 2020, 8, .	1.1	38
13	Silicon Valley's Threatened Longfin Smelt: Evidence of Spawning And Recruitment in A Restored Tidal Wetland. <i>Bulletin of the Ecological Society of America</i> , 2020, 101, e01628.	0.2	2
14	Bioavailable soil and rock strontium isotope data from Israel. <i>Earth System Science Data</i> , 2020, 12, 3641-3652.	3.7	7
15	Rocks, teeth, and tools: New insights into early Neanderthal mobility strategies in South-Eastern France from lithic reconstructions and strontium isotope analysis. <i>PLoS ONE</i> , 2019, 14, e0214925.	1.1	18
16	Back Cover Image. <i>Geoarchaeology - an International Journal</i> , 2019, 34, ii.	0.7	0
17	Calibrating temperature reconstructions from fish otolith oxygen isotope analysis for California's critically endangered Delta Smelt. <i>Rapid Communications in Mass Spectrometry</i> , 2019, 33, 1207-1220.	0.7	26
18	Who's been using my burial mound? Radiocarbon dating and isotopic tracing of human diet and mobility at the collective burial site, Le Tumulus des Sables, southwest France. <i>Journal of Archaeological Science: Reports</i> , 2019, 24, 955-966.	0.2	4

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19	A strontium isoscape of north-east Australia for human provenance and repatriation. <i>Geoarchaeology - an International Journal</i> , 2019, 34, 231-251.	0.7	28
20	Complex life histories discovered in a critically endangered fish. <i>Scientific Reports</i> , 2019, 9, 16772.	1.6	45
21	Fishery collapse, recovery, and the cryptic decline of wild salmon on a major California river. <i>Canadian Journal of Fisheries and Aquatic Sciences</i> , 2018, 75, 1836-1848.	0.7	22
22	Mapping of bioavailable strontium isotope ratios in France for archaeological provenance studies. <i>Applied Geochemistry</i> , 2018, 90, 75-86.	1.4	109
23	IsoFishR: An application for reproducible data reduction and analysis of strontium isotope ratios ( $^{87}\text{Sr}/^{86}\text{Sr}$ ) obtained via laser-ablation MC-ICP-MS. <i>PLoS ONE</i> , 2018, 13, e0204519.	1.1	15
24	A bioavailable strontium isoscape for Western Europe: A machine learning approach. <i>PLoS ONE</i> , 2018, 13, e0197386.	1.1	115
25	Validating Fin Ray Microchemistry as a Tool to Reconstruct the Migratory History of White Sturgeon. <i>Transactions of the American Fisheries Society</i> , 2017, 146, 844-857.	0.6	15
26	New Insights into Mesolithic Human Diet in the Mediterranean from Stable Isotope Analysis: The Sites of Campu Stefanu and Torre d'Aquila, Corsica. <i>International Journal of Osteoarchaeology</i> , 2017, 27, 707-714.	0.6	14
27	Improvement of laser ablation in situ micro-analysis to identify diagenetic alteration and measure strontium isotope ratios in fossil human teeth. <i>Journal of Archaeological Science</i> , 2016, 70, 102-116.	1.2	71
28	A comprehensive chronology of the Neanderthal site Moula-Guercy, Ardèche, France. <i>Journal of Archaeological Science: Reports</i> , 2016, 9, 309-319.	0.2	4
29	$^{87}\text{Sr}/^{86}\text{Sr}$ isotope ratio analysis by laser ablation MC-ICP-MS in scales, spines, and fin rays as a nonlethal alternative to otoliths for reconstructing fish life history. <i>Canadian Journal of Fisheries and Aquatic Sciences</i> , 2016, 73, 1852-1860.	0.7	23
30	The distribution of megablocks in the Ries crater, Germany: Remote sensing, field investigation, and statistical analyses. <i>Meteoritics and Planetary Science</i> , 2015, 50, 141-171.	0.7	22
31	The IRHUM (Isotopic Reconstruction of Human Migration) database – bioavailable strontium isotope ratios for geochemical fingerprinting in France. <i>Earth System Science Data</i> , 2014, 6, 117-122.	3.7	60
32	Laser ablation depth profiling of U-series and Sr isotopes in human fossils. <i>Journal of Archaeological Science</i> , 2013, 40, 2991-3000.	1.2	30
33	Surface age of the ice-dust mantle deposit in Malea Planum, Mars. <i>Planetary and Space Science</i> , 2012, 60, 199-206.	0.9	42
34	The Clever Strategies That Fishes Use to Survive in San Francisco's Dynamic Estuary. <i>Frontiers for Young Minds</i> , 0, 9, .	0.8	2
35	The Secrets in our Teeth. <i>Frontiers for Young Minds</i> , 0, 10, .	0.8	0