

Charles R Todd

List of Publications by Year in descending order

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Version: 2024-02-01

38
papers

1,205
citations

430874

18
h-index

377865

34
g-index

38
all docs

38
docs citations

38
times ranked

1376
citing authors

#	ARTICLE	IF	CITATIONS
1	Adaptive management: a synthesis of current understanding and effective application. <i>Ecological Management and Restoration</i> , 2004, 5, 177-182.	1.5	142
2	Rethinking length-based fisheries regulations: the value of protecting old and large fish with harvest slots. <i>Fish and Fisheries</i> , 2015, 16, 259-281.	5.3	138
3	Conserving koalas: A review of the contrasting regional trends, outlooks and policy challenges. <i>Biological Conservation</i> , 2015, 192, 226-236.	4.1	124
4	Use of expert knowledge to elicit population trends for the koala (<i>Phascolarctos cinereus</i>). <i>Diversity and Distributions</i> , 2016, 22, 249-262.	4.1	85
5	The impact of cold water releases on the critical period of post-spawning survival and its implications for Murray cod (<i>Maccullochella peelii peelii</i>): a case study of the Mitta Mitta River, southeastern Australia. <i>River Research and Applications</i> , 2005, 21, 1035-1052.	1.7	80
6	Modelling the impact and potential mitigation of cold water pollution on Murray cod populations downstream of Hume Dam, Australia. <i>River Research and Applications</i> , 2007, 23, 377-389.	1.7	58
7	Efficiency of electrofishing in turbid lowland rivers: implications for measuring temporal change in fish populations. <i>Canadian Journal of Fisheries and Aquatic Sciences</i> , 2014, 71, 878-886.	1.4	58
8	Who do you move? A stochastic population model to guide translocation strategies for an endangered freshwater fish in south-eastern Australia. <i>Ecological Modelling</i> , 2015, 311, 63-72.	2.5	54
9	Density-dependence uncertainty in population models for the conservation management of trout cod, <i>Maccullochella macquariensis</i> . <i>Ecological Modelling</i> , 2004, 171, 359-380.	2.5	45
10	Identifying the weakest link: simulating adaptive management of the reintroduction of a threatened fish. <i>Canadian Journal of Fisheries and Aquatic Sciences</i> , 2002, 59, 1709-1716.	1.4	42
11	Assessing reserve effectiveness: Application to a threatened species in a dynamic fire prone forest landscape. <i>Ecological Modelling</i> , 2016, 338, 90-100.	2.5	30
12	Reintroduction success of threatened Australian trout cod (<i>Maccullochella macquariensis</i>) based on growth and reproduction. <i>Marine and Freshwater Research</i> , 2012, 63, 598.	1.3	29
13	Modelling the effects of fertility control on koala forest dynamics. <i>Journal of Applied Ecology</i> , 2008, 45, 568-578.	4.0	28
14	A compendium of ecological knowledge for restoration of freshwater fishes in Australia. <i>Marine and Freshwater Research</i> , 2020, 71, 1391.	1.3	28
15	Lessons about extinction and translocation: models for eastern barred bandicoots (<i>Perameles gunnii</i>) at Woodlands Historic Park, Victoria, Australia. <i>Biological Conservation</i> , 2002, 106, 211-223.	4.1	26
16	Increased population size of fish in a lowland river following restoration of structural habitat. <i>Ecological Applications</i> , 2019, 29, e01882.	3.8	24
17	Recovery of the endangered trout cod, <i>Maccullochella macquariensis</i> : what have we achieved in more than 25 years?. <i>Marine and Freshwater Research</i> , 2013, 64, 822.	1.3	24
18	Generating unbiased correlated random survival rates for stochastic population models. <i>Ecological Modelling</i> , 2001, 144, 1-11.	2.5	23

#	ARTICLE	IF	CITATIONS
19	Forgotten fishes: What is the future for small threatened freshwater fish? Population risk assessment for southern pygmy perch, <i>Nannoperca australis</i> . Aquatic Conservation: Marine and Freshwater Ecosystems, 2017, 27, 1290-1300.	2.0	19
20	Using a Population Model to Inform the Management of River Flows and Invasive Carp (<i>Cyprinus</i>) Tj ETQq0 0 0 rgBTJ Overlock, 10 Tf 50	2.7	17
21	Structural uncertainty in stochastic population models: delayed development in the eastern barred bandicoot, <i>Perameles gunnii</i> . Ecological Modelling, 2001, 136, 237-254.	2.5	15
22	The future for managing recreational fisheries in the Murray-Darling Basin. Ecological Management and Restoration, 2014, 15, 75-81.	1.5	15
23	Integrating fishing and conservation in a risk framework: A stochastic population model to guide the proactive management of a threatened freshwater crayfish. Aquatic Conservation: Marine and Freshwater Ecosystems, 2018, 28, 954-968.	2.0	15
24	Linking flow attributes to recruitment to inform water management for an Australian freshwater fish with an equilibrium life-history strategy. Science of the Total Environment, 2021, 752, 141863.	8.0	15
25	Take the long way home: Minimal recovery in a K-selected freshwater crayfish impacted by significant population loss. Ecological Indicators, 2018, 89, 622-630.	6.3	13
26	Assessing the impacts of reservoir expansion using a population model for a threatened riverine fish. Ecological Indicators, 2017, 80, 204-214.	6.3	10
27	Differential responses by two closely related native fishes to restoration actions. Restoration Ecology, 2019, 27, 1463-1472.	2.9	9
28	What is needed to restore native fishes in Australia's Murray-Darling Basin?. Marine and Freshwater Research, 2020, 71, 1464.	1.3	9
29	Conservation implications of angler misidentification of an endangered fish. Aquatic Conservation: Marine and Freshwater Ecosystems, 2018, 28, 1396-1402.	2.0	5
30	Simulation of different fishery regulations to prevent population decline in a large freshwater invertebrate, the Murray crayfish (<i>Euastacus armatus</i>). Marine and Freshwater Research, 2020, 71, 962.	1.3	5
31	Assessing a Threatened Fish Species under Budgetary Constraints: Evaluating the Use of Existing Monitoring Data. North American Journal of Fisheries Management, 2019, 39, 315-327.	1.0	4
32	Combining capture-recapture data and known ages allows estimation of age-dependent survival rates. Ecology and Evolution, 2019, 9, 90-99.	1.9	3
33	Assessing risks to threatened crayfish populations from sex-based harvesting and differential encounter rates: A new indicator for reproductive state. Ecological Indicators, 2020, 118, 106661.	6.3	3
34	Testing the adaptive advantage of a threatened species over an invasive species using a stochastic population model. Journal of Environmental Management, 2020, 264, 110524.	7.8	3
35	A population model provides support for management decisions, enables ongoing research and reinforces strong partnerships to manage a threatened freshwater crayfish. Aquatic Conservation: Marine and Freshwater Ecosystems, 2020, 30, 1836-1840.	2.0	2
36	Long-term fertility control reduces overabundant koala populations and mitigates their impacts on food trees. Biological Conservation, 2021, 253, 108870.	4.1	2

#	ARTICLE	IF	CITATIONS
37	Assessing Outcomes of Environmental Flows for an Estuary-Dependent Fish Species using a Novel Stochastic Population Model Approach. <i>Estuaries and Coasts</i> , 2022, 45, 2040-2058.	2.2	2
38	Perspectives on the Definition of Fuzzy Sets: a Reply to Regan and Colyvan. <i>Conservation Biology</i> , 2000, 14, 1200-1201.	4.7	1