

Kai M A Chan

List of Publications by Year in descending order

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Version: 2024-02-01

147
papers

19,303
citations

50566

48
h-index

14779

131
g-index

204
all docs

204
docs citations

204
times ranked

19983
citing authors

#	ARTICLE	IF	CITATIONS
1	Acculturation as an ecosystem service? Urban natural space supports evolving relational values and identity in new female migrants. <i>People and Nature</i> , 2023, 5, 313-325.	1.7	5
2	Lived experiences of "peak water" in the high mountains of Nepal and Peru. <i>Climate and Development</i> , 2022, 14, 268-281.	2.2	7
3	Woody perennial polycultures in the U.S. Midwest enhance biodiversity and ecosystem functions. <i>Ecosphere</i> , 2022, 13, e03890.	1.0	10
4	An integrative framework for transformative social change: a case in global wildlife trade. <i>Sustainability Science</i> , 2022, 17, 171-189.	2.5	17
5	Local knowledge and relational values of Midwestern woody perennial polyculture farmers can inform tree-crop policies. <i>People and Nature</i> , 2022, 4, 180-200.	1.7	11
6	People and nature: The emerging signature of a relational journal. <i>People and Nature</i> , 2022, 4, 592-595.	1.7	3
7	Steller's sea cow uncertain history illustrates importance of ecological context when interpreting demographic histories from genomes. <i>Nature Communications</i> , 2022, 13, .	5.8	0
8	Reconnecting with the past and anticipating the future: A review of fisheries-derived cultural ecosystem services in pre-Hispanic Peru. <i>People and Nature</i> , 2021, 3, 129-147.	1.7	6
9	Avian cultural services peak in tropical wet forests. <i>Conservation Letters</i> , 2021, 14, e12763.	2.8	16
10	Identifying key ecosystem service providing areas to inform national-scale conservation planning. <i>Environmental Research Letters</i> , 2021, 16, 014038.	2.2	55
11	The ghost of a giant " Six hypotheses for how an extinct megaherbivore structured kelp forests across the North Pacific Rim. <i>Global Ecology and Biogeography</i> , 2021, 30, 2101-2118.	2.7	7
12	Measuring behavioral social learning in a conservation context: Chilean fishing communities. <i>Conservation Science and Practice</i> , 2021, 3, e336.	0.9	9
13	Leveraging support for conservation from ecotourists: can relational values play a role?. <i>Journal of Sustainable Tourism</i> , 2020, 28, 497-514.	5.7	22
14	Can avian functional traits predict cultural ecosystem services?. <i>People and Nature</i> , 2020, 2, 138-151.	1.7	28
15	Scientific shortcomings in environmental impact statements internationally. <i>People and Nature</i> , 2020, 2, 369-379.	1.7	24
16	Spatial Correlations Don't Predict Changes in Agricultural Ecosystem Services: A Canada-Wide Case Study. <i>Frontiers in Sustainable Food Systems</i> , 2020, 4, .	1.8	6
17	From needs to actions: prospects for planned adaptations in high mountain communities. <i>Climatic Change</i> , 2020, 163, 953-972.	1.7	6
18	Levers and leverage points for pathways to sustainability. <i>People and Nature</i> , 2020, 2, 693-717.	1.7	141

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19	The maturation of ecosystem services: Social and policy research expands, but whither biophysically informed valuation?. <i>People and Nature</i> , 2020, 2, 1021-1060.	1.7	47
20	A user-inspired framework and tool for restoring multifunctional landscapes: putting into practice stakeholder and scientific knowledge of landscape services. <i>Landscape Ecology</i> , 2020, 35, 2535-2548.	1.9	7
21	Octopus's garden under the blade: Boosting biodiversity increases willingness to pay for offshore wind in the United States. <i>Energy Research and Social Science</i> , 2020, 69, 101744.	3.0	16
22	Mapping cumulative impacts to coastal ecosystem services in British Columbia. <i>PLoS ONE</i> , 2020, 15, e0220092.	1.1	15
23	Cascading social-ecological costs and benefits triggered by a recovering keystone predator. <i>Science</i> , 2020, 368, 1243-1247.	6.0	52
24	A payment by any other name: Is Costa Rica's PES a payment for services or a support for stewards?. <i>World Development</i> , 2020, 129, 104900.	2.6	23
25	Perennial Staple Crops: Yields, Distribution, and Nutrition in the Global Food System. <i>Frontiers in Sustainable Food Systems</i> , 2020, 4, .	1.8	19
26	Mapping cumulative impacts to coastal ecosystem services in British Columbia. , 2020, 15, e0220092.		0
27	Mapping cumulative impacts to coastal ecosystem services in British Columbia. , 2020, 15, e0220092.		0
28	Mapping cumulative impacts to coastal ecosystem services in British Columbia. , 2020, 15, e0220092.		0
29	Mapping cumulative impacts to coastal ecosystem services in British Columbia. , 2020, 15, e0220092.		0
30	Mapping cumulative impacts to coastal ecosystem services in British Columbia. , 2020, 15, e0220092.		0
31	Mapping cumulative impacts to coastal ecosystem services in British Columbia. , 2020, 15, e0220092.		0
32	Why less complexity produces better forecasts: an independent data evaluation of kelp habitat models. <i>Ecography</i> , 2019, 42, 428-443.	2.1	34
33	He Ê»ike Ê»ana ia i ka pono (it is a recognizing of the right thing): how one indigenous worldview informs relational values and social values. <i>Sustainability Science</i> , 2019, 14, 1213-1232.	2.5	68
34	Response to Critique of "The Insignificance of Thresholds in Environmental Impact Assessment: An Illustrative Case Study in Canada" Environmental Management, 2019, 64, 133-137.	1.2	3
35	<i>People and Nature</i>"A journal of relational thinking. <i>People and Nature</i> , 2019, 1, 4-5.	1.7	12
36	Precipitation and tree cover gradients structure avian alpha diversity in North-western Costa Rica. <i>Diversity and Distributions</i> , 2019, 25, 1222-1233.	1.9	6

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37	Pervasive human-driven decline of life on Earth points to the need for transformative change. <i>Science</i> , 2019, 366, .	6.0	1,213
38	Evaluating ecosystem service trade-offs and synergies from slash-and-mulch agroforestry systems in El Salvador. <i>Ecological Indicators</i> , 2019, 105, 264-278.	2.6	40
39	Gone fishing? Intergenerational cultural shifts can undermine common property co-managed fisheries. <i>Marine Policy</i> , 2018, 90, 1-5.	1.5	23
40	Assessing nature's contributions to people. <i>Science</i> , 2018, 359, 270-272.	6.0	1,661
41	The Insignificance of Thresholds in Environmental Impact Assessment: An Illustrative Case Study in Canada. <i>Environmental Management</i> , 2018, 61, 1062-1071.	1.2	30
42	Bird Killer, Industrial Intruder or Clean Energy? Perceiving Risks to Ecosystem Services Due to an Offshore Wind Farm. <i>Ecological Economics</i> , 2018, 143, 111-129.	2.9	31
43	Wild Salmon Sustain the Effectiveness of Parasite Control on Salmon Farms: Conservation Implications from an Evolutionary Ecosystem Service. <i>Conservation Letters</i> , 2018, 11, e12395.	2.8	13
44	Agriculture erases climate-driven ðdiversity in Neotropical bird communities. <i>Global Change Biology</i> , 2018, 24, 338-349.	4.2	60
45	Caring for nature matters: a relational approach for understanding nature's contributions to human well-being. <i>Current Opinion in Environmental Sustainability</i> , 2018, 35, 22-29.	3.1	112
46	Editorial overview: Relational values: what are they, and what's the fuss about?. <i>Current Opinion in Environmental Sustainability</i> , 2018, 35, A1-A7.	3.1	276
47	Approaching human-animal relationships from multiple angles: A synthetic perspective. <i>Biological Conservation</i> , 2018, 224, 50-62.	1.9	35
48	Do correlated responses to multiple environmental changes exacerbate or mitigate species loss?. <i>Oikos</i> , 2018, 127, 1724-1734.	1.2	8
49	Valuation as destruction? The social effects of valuation processes in contested marine spaces. <i>Marine Policy</i> , 2018, 97, 170-178.	1.5	12
50	Mainstreaming the social sciences in conservation. <i>Conservation Biology</i> , 2017, 31, 56-66.	2.4	304
51	Nonnative Species in British Columbia Eelgrass Beds Spread via Shellfish Aquaculture and Stay for the Mild Climate. <i>Estuaries and Coasts</i> , 2017, 40, 187-199.	1.0	1
52	How Messaging Shapes Attitudes toward Sea Otters as a Species at Risk. <i>Human Dimensions of Wildlife</i> , 2017, 22, 142-156.	1.0	13
53	Ecosystem Services and Cultural Values as Building Blocks for 'The Good life'. A Case Study in the Community of RÅst, Lofoten Islands, Norway. <i>Ecological Economics</i> , 2017, 140, 166-176.	2.9	58
54	Conservation social science: Understanding and integrating human dimensions to improve conservation. <i>Biological Conservation</i> , 2017, 205, 93-108.	1.9	705

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55	Sustainability beyond city limits: can "greener" beef lighten a city's Ecological Footprint?. Sustainability Science, 2017, 12, 597-610.	2.5	7
56	Payments for Ecosystem Services: Rife With Problems and Potential" For Transformation Towards Sustainability. Ecological Economics, 2017, 140, 110-122.	2.9	116
57	Off-stage ecosystem service burdens: A blind spot for global sustainability. Environmental Research Letters, 2017, 12, 075001.	2.2	75
58	Mechanisms and risk of cumulative impacts to coastal ecosystem services: An expert elicitation approach. Journal of Environmental Management, 2017, 199, 229-241.	3.8	43
59	Will communities "open-up" to offshore wind? Lessons learned from New England islands in the United States. Energy Research and Social Science, 2017, 34, 13-26.	3.0	36
60	Ecosystem Services: Rapid Evolution and the Provision of Ecosystem Services. Trends in Ecology and Evolution, 2017, 32, 403-415.	4.2	54
61	Ecosystem Services. , 2017, , 39-78.		19
62	Predicting carbon benefits from climate-smart agriculture: High-resolution carbon mapping and uncertainty assessment in El Salvador. Journal of Environmental Management, 2017, 202, 287-298.	3.8	7
63	Contemporary Ecosystem Services: A Reply to Faith et al .. Trends in Ecology and Evolution, 2017, 32, 719-720.	4.2	1
64	Sea otters, social justice, and ecosystem"service perceptions in Clayoquot Sound, Canada. Conservation Biology, 2017, 31, 343-352.	2.4	16
65	5 Key Challenges and Solutions for Governing Complex Adaptive (Food) Systems. Sustainability, 2017, 9, 1594.	1.6	20
66	Group elicitation yield more consistent, yet more uncertain experts in understanding risks to ecosystem services in New Zealand bays. PLoS ONE, 2017, 12, e0182233.	1.1	18
67	Can Ecosystem Services Make Conservation Normal and Commonplace?. , 2017, , 225-252.		6
68	Making sense of environmental values: a typology of concepts. Ecology and Society, 2017, 22, .	1.0	114
69	Explicit Not Implicit Preferences Predict Conservation Intentions for Endangered Species and Biomes. PLoS ONE, 2017, 12, e0170973.	1.1	10
70	Relational values resonate broadly and differently than intrinsic or instrumental values, or the New Ecological Paradigm. PLoS ONE, 2017, 12, e0183962.	1.1	184
71	Supporting Risk Assessment: Accounting for Indirect Risk to Ecosystem Components. PLoS ONE, 2016, 11, e0162932.	1.1	4
72	An Economy for 2100. BioScience, 2016, 66, 522-524.	2.2	0

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73	Sustainability: Steeped in Values, Animated by Process, and Structured (but Not Dictated) by Experts. <i>BioScience</i> , 2016, 66, 790-791.	2.2	0
74	Why protect nature? Rethinking values and the environment. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 1462-1465.	3.3	1,074
75	Debunking trickle-down ecosystem services: The fallacy of omnipotent, homogeneous beneficiaries. <i>Ecological Economics</i> , 2016, 121, 175-180.	2.9	59
76	Managing Cultural Ecosystem Services for Sustainability. , 2016, , 343-358.		13
77	A protocol for eliciting nonmaterial values through a cultural ecosystem services frame. <i>Conservation Biology</i> , 2015, 29, 575-586.	2.4	144
78	Theories of the deep: combining salience and network analyses to produce mental model visualizations of a coastal British Columbia food web. <i>Ecology and Society</i> , 2015, 20, .	1.0	13
79	The IPBES Conceptual Framework “connecting nature and people. <i>Current Opinion in Environmental Sustainability</i> , 2015, 14, 1-16.	3.1	1,658
80	Leaps of Faith: How Implicit Assumptions Compromise the Utility of Ecosystem Models for Decision-making. <i>BioScience</i> , 2015, 65, 43-54.	2.2	30
81	From rational actor to efficient complexity manager: Exorcising the ghost of Homo economicus with a unified synthesis of cognition research. <i>Ecological Economics</i> , 2015, 114, 22-32.	2.9	76
82	Human impacts and ecosystem services: Insufficient research for trade-off evaluation. <i>Ecosystem Services</i> , 2015, 16, 112-120.	2.3	74
83	Spatial distribution of marine invasive species: environmental, demographic and vector drivers. <i>Diversity and Distributions</i> , 2014, 20, 824-836.	1.9	49
84	Ecological effect of a nonnative seagrass spreading in the Northeast Pacific: A review of <i>Zostera japonica</i> . <i>Ocean and Coastal Management</i> , 2014, 102, 375-382.	2.0	15
85	What matters and why? Ecosystem services and their bundled qualities. <i>Ecological Economics</i> , 2014, 107, 310-320.	2.9	132
86	A more social science: barriers and incentives for scientists engaging in policy. <i>Frontiers in Ecology and the Environment</i> , 2014, 12, 161-166.	1.9	49
87	Ecosystem Services and Beyond: Using Multiple Metaphors to Understand Human-Environment Relationships. <i>BioScience</i> , 2013, 63, 536-546.	2.2	232
88	The Challenges of Incorporating Cultural Ecosystem Services into Environmental Assessment. <i>Ambio</i> , 2013, 42, 675-684.	2.8	201
89	Ecosystem services and ethics. <i>Ecological Economics</i> , 2013, 93, 260-268.	2.9	303
90	Culture, intangibles and metrics in environmental management. <i>Journal of Environmental Management</i> , 2013, 117, 103-114.	3.8	188

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91	Humans and Nature: How Knowing and Experiencing Nature Affect Well-Being. Annual Review of Environment and Resources, 2013, 38, 473-502.	5.6	448
92	A social-ecological approach to conservation planning: embedding social considerations. Frontiers in Ecology and the Environment, 2013, 11, 194-202.	1.9	419
93	Justice, Equity and Biodiversity. , 2013, , 434-441.		15
94	Engaging Multiple Disciplines in Ecosystem Services Research and Assessment. BioScience, 2013, 63, 913-914.	2.2	1
95	Sea Otters Homogenize Mussel Beds and Reduce Habitat Provisioning in a Rocky Intertidal Ecosystem. PLoS ONE, 2013, 8, e65435.	1.1	22
96	Trading green backs for green crabs: evaluating the commercial shellfish harvest at risk from European green crab invasion. F1000Research, 2013, 2, 66.	0.8	1
97	Modeling benefits from nature: using ecosystem services to inform coastal and marine spatial planning. International Journal of Biodiversity Science, Ecosystem Services & Management, 2012, 8, 107-121.	2.9	217
98	Reply to Kirchhoff: Cultural values and ecosystem services. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, .	3.3	10
99	Identifying spatial priorities for protecting ecosystem services. F1000Research, 2012, 1, 17.	0.8	41
100	Contributions of cultural services to the ecosystem services agenda. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 8812-8819.	3.3	1,079
101	Navigating coastal values: Participatory mapping of ecosystem services for spatial planning. Ecological Economics, 2012, 82, 104-113.	2.9	255
102	Ethical Considerations in On-Ground Applications of the Ecosystem Services Concept. BioScience, 2012, 62, 1020-1029.	2.2	120
103	Where are Cultural and Social in Ecosystem Services? A Framework for Constructive Engagement. BioScience, 2012, 62, 744-756.	2.2	796
104	Rethinking ecosystem services to better address and navigate cultural values. Ecological Economics, 2012, 74, 8-18.	2.9	1,111
105	Quantifying potential propagule pressure of aquatic invasive species from the commercial shipping industry in Canada. Marine Pollution Bulletin, 2012, 64, 295-302.	2.3	35
106	An Atlantic infaunal engineer is established in the Northeast Pacific: Clymenella torquata (Polychaeta: Tj ETQq0 0 0 rgBT /Overlock 10 T	1.2	5
107	Catching the Right Wave: Evaluating Wave Energy Resources and Potential Compatibility with Existing Marine and Coastal Uses. PLoS ONE, 2012, 7, e47598.	1.1	43
108	Making science relevant to marine ecosystem-based management. Biological Conservation, 2011, 144, 670-671.	1.9	4

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109	Barriers and Incentives to Engagement in Public Policy and Science-based Advocacy. Bulletin of the Ecological Society of America, 2011, 92, 276-280.	0.2	3
110	Ethical Extensionism under Uncertainty of Sentience: Duties to Non-Human Organisms without Drawing a Line. Environmental Values, 2011, 20, 323-346.	0.7	15
111	Ecosystem Services in Conservation Planning: Targeted Benefits vs. Co-Benefits or Costs?. PLoS ONE, 2011, 6, e24378.	1.1	96
112	Representing mediating effects and species reintroductions in Ecopath with Ecosim. Ecological Modelling, 2011, 222, 1569-1579.	1.2	32
113	Structuring decision-making for ecosystem-based management. Marine Policy, 2011, 35, 575-583.	1.5	64
114	Cultural services and non-use values. , 2011, , 206-228.		83
115	Characterizing changes in marine ecosystem services. F1000 Biology Reports, 2010, 2, 54.	4.0	32
116	Integrative propositions for adapting conservation policy to the impacts of climate change. Global Environmental Change, 2010, 20, 351-362.	3.6	27
117	The roles of people in conservation. , 2010, , 262-283.		7
118	Climate change and biodiversity conservation: impacts, adaptation strategies and future research directions. F1000 Biology Reports, 2009, 1, 16.	4.0	6
119	Leadership: a New Frontier in Conservation Science. Conservation Biology, 2009, 23, 879-886.	2.4	72
120	Modeling multiple ecosystem services, biodiversity conservation, commodity production, and tradeoffs at landscape scales. Frontiers in Ecology and the Environment, 2009, 7, 4-11.	1.9	1,809
121	Protecting ecosystem services and biodiversity in the world's watersheds. Conservation Letters, 2009, 2, 179-188.	2.8	82
122	Conservation: in a rut, we need rut-inspired solutions. Nature, 2008, 451, 127-127.	13.7	3
123	Value and Advocacy in Conservation Biology: Crisis Discipline or Discipline in Crisis?. Conservation Biology, 2008, 22, 1-3.	2.4	43
124	Where can tigers persist in the future? A landscape-scale, density-based population model for the Indian subcontinent. Biological Conservation, 2008, 141, 67-77.	1.9	56
125	The payoff of conservation investments in tropical countryside. Proceedings of the National Academy of Sciences of the United States of America, 2008, 105, 19342-19347.	3.3	19
126	SATELLITE DETECTION OF BIRD COMMUNITIES IN TROPICAL COUNTRYSIDE. , 2007, 17, 1499-1510.		19

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127	When Agendas Collide: Human Welfare and Biological Conservation. <i>Conservation Biology</i> , 2007, 21, 59-68.	2.4	245
128	Conservation Resentment Dissected. <i>Conservation Biology</i> , 2007, 21, 1380-1382.	2.4	0
129	Ecosystemâ€™Service Science and the Way Forward for Conservation. <i>Conservation Biology</i> , 2007, 21, 1383-1384.	2.4	136
130	Conservation Planning for Ecosystem Services. <i>PLoS Biology</i> , 2006, 4, e379.	2.6	804
131	Testing the importance of patch scale on forest birds. <i>Oikos</i> , 2005, 111, 606-610.	1.2	6
132	LEAKY PREZYGOTIC ISOLATION AND POROUS GENOMES: RAPID INTROGRESSION OF MATERNALLY INHERITED DNA. <i>Evolution; International Journal of Organic Evolution</i> , 2005, 59, 720-729.	1.1	265
133	Human Diets and Animal Welfare: the Illogic of the Larder. <i>Journal of Agricultural and Environmental Ethics</i> , 2005, 18, 579-594.	0.9	30
134	Protecting Science from Abuse Requires a Broader Form of Outreach. <i>PLoS Biology</i> , 2005, 3, e218.	2.6	6
135	LEAKY PREZYGOTIC ISOLATION AND POROUS GENOMES: RAPID INTROGRESSION OF MATERNALLY INHERITED DNA. <i>Evolution; International Journal of Organic Evolution</i> , 2005, 59, 720.	1.1	13
136	SYMMETREE: whole-tree analysis of differential diversification rates. <i>Bioinformatics</i> , 2005, 21, 1709-1710.	1.8	105
137	The Death of Our Planetâ€™s Species. <i>Environmental Ethics</i> , 2005, 27, 433-436.	0.2	0
138	Leaky prezygotic isolation and porous genomes: rapid introgression of maternally inherited DNA. <i>Evolution; International Journal of Organic Evolution</i> , 2005, 59, 720-9.	1.1	71
139	The Golden Rule and the Potentiality Principle: Future Persons and Contingent Interests. <i>Journal of Applied Philosophy</i> , 2004, 21, 33-42.	0.7	2
140	Concern is more than just â€™ruffled feathersâ€™. <i>Nature</i> , 2004, 428, 255-255.	13.7	1
141	Scientists must conquer reluctance to speak out. <i>Nature</i> , 2004, 431, 1036-1036.	13.7	4
142	Detecting Diversification Rate Variation in Supertrees. <i>Computational Biology</i> , 2004, , 487-533.	0.1	79
143	Intransitivity and Future Generations: Debunking Parfit's Mere Addition Paradox. <i>Journal of Applied Philosophy</i> , 2003, 20, 187-200.	0.7	4
144	Whole-Tree Methods for Detecting Differential Diversification Rates. <i>Systematic Biology</i> , 2002, 51, 855-865.	2.7	96

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145	Accounting for Mode of Speciation Increases Power and Realism of Tests of Phylogenetic Asymmetry. American Naturalist, 1999, 153, 332-346.	1.0	20
146	Accounting for Mode of Speciation Increases Power and Realism of Tests of Phylogenetic Asymmetry. American Naturalist, 1999, 153, 332.	1.0	2
147	Populations as "Species-in-Waiting"?. Science, 1998, 280, 2027g-2027.	6.0	1