Robert Costanza

List of Publications by Year
in descending order

304 papers	69,585 citations	3726 89 h-index	693 253 g-index
348 all docs	348 docs citations	348 times ranked	43727 citing authors

#	Article	IF	Citations
1	The value of the world's ecosystem services and natural capital. Nature, 1997, 387, 253-260.	13.7	15,321
2	A safe operating space for humanity. Nature, 2009, 461, 472-475.	13.7	8,638
3	Changes in the global value of ecosystem services. Global Environmental Change, 2014, 26, 152-158.	3.6	4,101
4	Planetary Boundaries: Exploring the Safe Operating Space for Humanity. Ecology and Society, 2009, 14, .	1.0	3,867
5	Global estimates of the value of ecosystems and their services in monetary units. Ecosystem Services, 2012, 1, 50-61.	2.3	1,801
6	Twenty years of ecosystem services: How far have we come and how far do we still need to go?. Ecosystem Services, 2017, 28, 1-16.	2.3	1,665
7	Economic Growth, Carrying Capacity, and the Environment. Science, 1995, 268, 520-521.	6.0	1,435
8	Natural Capital and Sustainable Development. Conservation Biology, 1992, 6, 37-46.	2.4	1,194
9	Economic Reasons for Conserving Wild Nature. Science, 2002, 297, 950-953.	6.0	1,190
10	Urban Ecological Systems: Linking Terrestrial Ecological, Physical, and Socioeconomic Components of Metropolitan Areas. Annual Review of Ecology, Evolution, and Systematics, 2001, 32, 127-157.	6.7	1,136
11	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
12	The value of the world's ecosystem services and natural capital. Ecological Economics, 1998, 25, 3-15.	2.9	860
13	Economic and ecological concepts for valuing ecosystem services. Ecological Economics, 2002, 41, 375-392.	2.9	824
14	Global mapping of ecosystem services and conservation priorities. Proceedings of the National Academy of Sciences of the United States of America, 2008, 105, 9495-9500.	3.3	823
15	Mapping ecosystem services for policy support and decision making in the European Union. Ecosystem Services, 2012, 1, 31-39.	2.3	732
16	Quality of life: An approach integrating opportunities, human needs, and subjective well-being. Ecological Economics, 2007, 61, 267-276.	2.9	672
17	Energy and the U.S. Economy: A Biophysical Perspective. Science, 1984, 225, 890-897.	6.0	664
18	Assessing ecosystem health. Trends in Ecology and Evolution, 1998, 13, 397-402.	4.2	640

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19	Modelling and measuring sustainable wellbeing in connection with the UN Sustainable Development Goals. Ecological Economics, 2016, 130, 350-355.	2.9	587
20	Embodied Energy and Economic Valuation. Science, 1980, 210, 1219-1224.	6.0	581
21	Beyond GDP: Measuring and achieving global genuine progress. Ecological Economics, 2013, 93, 57-68.	2.9	550
22	The Value of Coastal Wetlands for Hurricane Protection. Ambio, 2008, 37, 241-248.	2.8	528
23	Payments for ecosystem services: From local to global. Ecological Economics, 2010, 69, 2060-2068.	2.9	527
24	Ecosystem services: Multiple classification systems are needed. Biological Conservation, 2008, 141, 350-352.	1.9	523
25	Economic growth, carrying capacity, and the environment. Ecological Economics, 1995, 15, 91-95.	2.9	521
26	Development: Time to leave GDP behind. Nature, 2014, 505, 283-285.	13.7	515
27	Modeling Complex Ecological Economic Systems. BioScience, 1993, 43, 545-555.	2.2	435
28	Defining and predicting sustainability. Ecological Economics, 1995, 15, 193-196.	2.9	386
29	Global estimates of market and non-market values derived from nighttime satellite imagery, land cover, and ecosystem service valuation. Ecological Economics, 2002, 41, 509-527.	2.9	376
30	Global Conservation of Biodiversity and Ecosystem Services. BioScience, 2007, 57, 868-873.	2.2	323
31	Overcoming systemic roadblocks to sustainability: The evolutionary redesign of worldviews, institutions, and technologies. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, 2483-2489.	3.3	309
32	What is ecological economics?. Ecological Economics, 1989, 1, 1-7.	2.9	305
33	Linking Ecology and Economics for Ecosystem Management. BioScience, 2006, 56, 121.	2.2	305
34	Is Decoupling GDP Growth from Environmental Impact Possible?. PLoS ONE, 2016, 11, e0164733.	1.1	292
35	Using Dynamic Modeling to Scope Environmental Problems and Build Consensus. Environmental Management, 1998, 22, 183-195.	1.2	291
36	Valuation and management of wetland ecosystems. Ecological Economics, 1989, 1, 335-361.	2.9	283

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37	What is a healthy ecosystem?. , 1999, 33, 105-115.		276
38	Complex systems and valuation. Ecological Economics, 2002, 41, 409-420.	2.9	264
39	Valuing ecosystem services. Annals of the New York Academy of Sciences, 2010, 1185, 54-78.	1.8	256
40	Modeling the dynamics of the integrated earth system and the value of global ecosystem services using the GUMBO model. Ecological Economics, 2002, 41, 529-560.	2.9	255
41	Ecosystem health and ecological engineering. Ecological Engineering, 2012, 45, 24-29.	1.6	254
42	Sustainability or Collapse: What Can We Learn from Integrating the History of Humans and the Rest of Nature?. Ambio, 2007, 36, 522-527.	2.8	253
43	The evolution of preferences. Ecological Economics, 1998, 24, 193-211.	2.9	251
44	A review of methods, data, and models to assess changes in the value of ecosystem services from land degradation and restoration. Ecological Modelling, 2016, 319, 190-207.	1.2	247
45	The role of human, social, built, and natural capital in explaining life satisfaction at the country level: Toward a National Well-Being Index (NWI). Ecological Economics, 2006, 58, 119-133.	2.9	244
46	Biodiversity and ecosystem services: A multi-scale empirical study of the relationship between species richness and net primary production. Ecological Economics, 2007, 61, 478-491.	2.9	243
47	Principles for Sustainable Governance of the Oceans. , 1998, 281, 198-199.		238
48	The value of ecosystem services: putting the issues in perspective. Ecological Economics, 1998, 25, 67-72.	2.9	229
49	Issues in ecosystem valuation: improving information for decision making. Ecological Economics, 1995, 14, 73-90.	2.9	226
50	The ecological economics of land degradation: Impacts on ecosystem service values. Ecological Economics, 2016, 129, 182-192.	2.9	226
51	Sustainable urban systems: Co-design and framing for transformation. Ambio, 2018, 47, 57-77.	2.8	213
52	Modeling Coastal Landscape Dynamics. BioScience, 1990, 40, 91-107.	2.2	212
53	The ecological, economic, and social importance of the oceans. Ecological Economics, 1999, 31, 199-213.	2.9	207
54	Get the science right when paying for nature's services. Science, 2015, 347, 1206-1207.	6.0	206

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55	The future value of ecosystem services: Global scenarios and national implications. Ecosystem Services, 2017, 26, 289-301.	2.3	204
56	ENVIRONMENT: Can We Defy Nature's End?. Science, 2001, 293, 2207-2208.	6.0	197
57	Model goodness of fit: A multiple resolution procedure. Ecological Modelling, 1989, 47, 199-215.	1.2	194
58	Social Goals and the Valuation of Ecosystem Services. Ecosystems, 2000, 3, 4-10.	1.6	194
59	New interventions are needed to save coral reefs. Nature Ecology and Evolution, 2017, 1, 1420-1422.	3.4	182
60	Solutions for sustaining natural capital and ecosystem services. Ecological Indicators, 2012, 21, 1-6.	2.6	180
61	The UN Sustainable Development Goals and the dynamics of wellâ€being. Frontiers in Ecology and the Environment, 2016, 14, 59-59.	1.9	172
62	The Value of Producing Food, Energy, and Ecosystem Services within an Agro-Ecosystem. Ambio, 2009, 38, 186-193.	2.8	166
63	Valuing natural capital and ecosystem services toward the goals of efficiency, fairness, and sustainability. Ecosystem Services, 2020, 43, 101096.	2.3	163
64	Social Traps and Environmental Policy. BioScience, 1987, 37, 407-412.	2.2	162
65	The 4P Approach to Dealing with Scientific Uncertainty. Environment, 1992, 34, 12-42.	0.8	153
66	Ecological economic modeling and valuation of ecosystems. Ecological Economics, 1995, 14, 143-159.	2.9	143
67	Methods to evaluate the performance of spatial simulation models. Ecological Modelling, 1989, 48, 1-18.	1.2	139
68	Articulation, accuracy and effectiveness of mathematical models: A review of freshwater wetland applications. Ecological Modelling, 1985, 27, 45-68.	1.2	130
69	Development of a general ecosystem model for a range of scales and ecosystems. Ecological Modelling, 1996, 88, 263-295.	1.2	122
70	Ecosystem Health: The Concept, the ISEH, and the Important Tasks Ahead. EcoHealth, 1999, 5, 82-90.	0.2	122
71	The authorship structure of â€œecosystem servicesâ€•as a transdisciplinary field of scholarship. Ecosystem Services, 2012, 1, 16-25.	2.3	122
72	Valuing New Jerseyâ€™s Ecosystem Services and Natural Capital: A Spatially Explicit Benefit Transfer Approach. Environmental Management, 2010, 45, 1271-1285.	1.2	121

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73	A flexible assurance bonding system for improved environmental management. Ecological Economics, 1990, 2, 57-75.	2.9	120
74	Patuxent landscape model: integrated ecological economic modeling of a watershed. Environmental Modelling and Software, 1999, 14, 473-491.	1.9	120
75	Embodied energy and economic value in the United States economy: 1963, 1967 and 1972. Resources and Energy, 1984, 6, 129-163.	0.4	119
76	Salt Marsh Zonal Migration and Ecosystem Service Change in Response to Global Sea Level Rise: A Case Study from an Urban Region. Ecology and Society, 2010, 15, .	1.0	116
77	Ecological Economics: Reintegrating the Study of Humans and Nature. , 1996, 6, 978-990.		115
78	INTEGRATED ECOLOGICAL ECONOMIC MODELING OF THE PATUXENT RIVER WATERSHED, MARYLAND. Ecological Monographs, 2002, 72, 203-231.	2.4	115
79	Urban ecosystem services: tree diversity and stability of tropospheric ozone removal. Ecological Applications, 2012, 22, 349-360.	1.8	115
80	The Value of Ecosystem Services from Giant Panda Reserves. Current Biology, 2018, 28, 2174-2180.e7.	1.8	112
81	Resolution and predictability: An approach to the scaling problem. Landscape Ecology, 1994, 9, 47-57.	1.9	108
82	A new vision for New Orleans and the Mississippi delta: applying ecological economics and ecological engineering. Frontiers in Ecology and the Environment, 2006, 4, 465-472.	1.9	108
83	Managing Our Environmental Portfolio. BioScience, 2000, 50, 149.	2.2	106
84	Trade, environment and development: the issues in perspective. Ecological Economics, 1994, 9, 1-12.	2.9	104
85	An initial estimate of the value of ecosystem services in Bhutan. Ecosystem Services, 2013, 3, e11-e21.	2.3	103
86	Future makers or future takers? A scenario analysis of climate change and the Great Barrier Reef. Global Environmental Change, 2011, 21, 876-893.	3.6	102
87	Visions of Alternative (Unpredictable) Futures and Their Use in Policy Analysis. Ecology and Society, 2000, 4, .	0.9	99
88	An ecological economic simulation model of mountain fynbos ecosystems. Ecological Economics, 1997, 22, 155-169.	2.9	97
89	Toward an ecological economics. Ecological Modelling, 1987, 38, 1-7.	1.2	95
90	Visions, Values, Valuation, and the Need for an Ecological Economics. BioScience, 2001, 51, 459.	2.2	92

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91	Dynamic spatial simulation modeling of coastal wetland habitat succession. Ecological Modelling, 1985, 29, 261-281.	1.2	91
92	Ecological economics and sustainable governance of the oceans. Ecological Economics, 1999, 31, 171-187.	2.9	91
93	Scale misperceptions and the spatial dynamics of a socialâ€“ecological system. Ecological Economics, 1999, 31, 243-257.	2.9	88
94	Mainstreaming ecosystem services into EU policy. Current Opinion in Environmental Sustainability, 2013, 5, 128-134.	3.1	85
95	Valuing ecological systems and services. F1000 Biology Reports, 2011, 3, 14.	4.0	84
96	History of Urbanization and the Missing Ecology. , 2013, , 13-30.		81
97	Coastal Louisiana recent land loss and canal impacts. Environmental Management, 1983, 7, 433-442.	1.2	80
98	A language for modular spatio-temporal simulation. Ecological Modelling, 1997, 103, 105-113.	1.2	79
99	Estimates of the Genuine Progress Indicator (GPI) for Vermont, Chittenden County and Burlington, from 1950 to 2000. Ecological Economics, 2004, 51, 139-155.	2.9	76
100	The Development of Dynamic Spatial Models for Landscape Ecology: A Review and Prognosis. Ecological Studies, 1991, , 239-288.	0.4	76
101	Modular ecosystem modeling. Environmental Modelling and Software, 2004, 19, 285-304.	1.9	75
102	Nature: ecosystems without commodifying them. Nature, 2006, 443, 749-749.	13.7	75
103	The economic value of ecosystem services in the Great Barrier Reef: our state of knowledge. Annals of the New York Academy of Sciences, 2011, 1219, 113-133.	1.8	75
104	Economic growth, carrying capacity, and the environment. Environment and Development Economics, 1996, 1, 104-110.	1.3	74
105	Quantifying the trends expected in developing ecosystems. Ecological Modelling, 1998, 112, 1-22.	1.2	73
106	A vision of the future of science: reintegrating the study of humans and the rest of nature. Futures, 2003, 35, 651-671.	1.4	71
107	Influential publications in ecological economics: a citation analysis. Ecological Economics, 2004, 50, 261-292.	2.9	71
108	Energy Returns on Ethanol Production. Science, 2006, 312, 1746-1748.	6.0	71

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109	A summary of ISEW and GPI studies at multiple scales and new estimates for Baltimore City, Baltimore County, and the State of Maryland. Ecological Economics, 2011, 70, 1972-1980.	2.9	71
110	Tradeoff analysis between electricity generation and ecosystem services in the Lower Mekong Basin. Ecosystem Services, 2018, 30, 27-35.	2.3	71
111	The contribution of built, human, social and natural capital to quality of life in intentional and unintentional communities. Ecological Economics, 2006, 59, 13-23.	2.9	70
112	Lake-wetland ecosystem services modeling and valuation: Progress, gaps and future directions. Ecosystem Services, 2018, 33, 19-28.	2.3	68
113	The value of ecosystem services. Ecological Economics, 1998, 25, 1-2.	2.9	66
114	Ecosystems and indigenous well-being: An integrated framework. Global Ecology and Conservation, 2015, 4, 197-206.	1.0	63
115	Modelling ecological and economic systems with STELLA: Part II. Ecological Modelling, 1998, 112, 81-84.	1.2	59
116	Developing an Integrated History and future of People on Earth (IHOPE). Current Opinion in Environmental Sustainability, 2012, 4, 106-114.	3.1	59
117	Toward an Integrated History to Guide the Future. Ecology and Society, 2011, 16, .	1.0	58
118	The use of subjective indicators to assess how natural and social capital support residentsâ€™ quality of life in a small volcanic island. Ecological Indicators, 2013, 24, 609-620.	2.6	58
119	Creating an Earth Atmospheric Trust. Science, 2008, 319, 724-724.	6.0	57
120	Economic Growth, Carrying Capacity, and the Environment. , 1996, 6, 13-15.		56
121	Overcoming societal addictions: What can we learn from individual therapies?. Ecological Economics, 2017, 131, 543-550.	2.9	55
122	Wellbeing economy: An effective paradigm to mainstream post-growth policies?. Ecological Economics, 2022, 192, 107261.	2.9	55
123	The production and allocation of information as a good that is enhanced with increased use. Ecological Economics, 2010, 69, 1344-1354.	2.9	54
124	Assessing and communicating data quality in policy-relevant research. Environmental Management, 1992, 16, 121-131.	1.2	53
125	Modeling Complex Ecological Economic Systems: Toward an Evolutionary, Dynamic Understanding of People and Nature. , 1993, , 148-163.		53
126	Humanâ€“ecosystem interactions: a dynamic integrated model. Ecological Economics, 1999, 31, 227-242.	2.9	50

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127	Simulation games that integrate research, entertainment, and learning around ecosystem services. Ecosystem Services, 2014, 10, 195-201.	2.3	50
128	Navigating the Perfect Storm: Research Strategies for Socialecological Systems in a Rapidly Evolving World. Environmental Management, 2012, 49, 767-775.	1.2	47
129	Design of multi-paradigm integrating modelling tools for ecological research. Environmental Modelling and Software, 2000, 15, 169-177.	1.9	46
130	Significance and value of non-traded ecosystem services on farmland. PeerJ, 2015, 3, e762.	0.9	46
131	Economic growth, carrying capacity, and the environment. Ecological Economics, 1995, 15, 89-90.	2.9	44
132	Globalization and the Sustainability of Human Health. BioScience, 1999, 49, 205.	2.2	44
133	SPECIAL SECTION: LAND USE OPTIONS IN DRY TROPICAL WOODLAND ECOSYSTEMS IN ZIMBABWE:. Ecological Economics, 2000, 33, 341-351.	2.9	44
134	Perceived credibility of Internet encyclopedias. Computers and Education, 2011, 56, 659-667.	5.1	44
135	The value of ecosystem services obtained from the protected forest of Cambodia: The case of Veun Sai-Siem Pang National Park. Ecosystem Services, 2017, 26, 27-36.	2.3	43
136	Spatial ecosystem modelling using parallel processors. Ecological Modelling, 1991, 58, 159-183.	1.2	42
137	Surface water flow in landscape models: 2. Patuxent watershed case study. Ecological Modelling, 1999, 119, 211-230.	1.2	42
138	Overcoming the Myths of Mainstream Economics to Enable a New Wellbeing Economy. Sustainability, 2019, 11, 4374.	1.6	42
139	Ecological economics: A research agenda. Structural Change and Economic Dynamics, 1991, 2, 335-357.	2.1	40
140	The global value of coastal wetlands for storm protection. Global Environmental Change, 2021, 70, 102328.	3.6	40
141	Stewardship for a â€œFullâ€•World. Current History, 2008, 107, 30-35.	0.4	39
142	Developing Ecological Research That is Relevant for Achieving Sustainability. Ecological Applications, 1993, 3, 579-581.	1.8	38
143	Market and nonmarket values of the Georgia landscape. Environmental Management, 1988, 12, 209-217.	1.2	37
144	Toward better measurement of sustainable development and wellbeing: A small number of SDG indicators reliably predict life satisfaction. Sustainable Development, 2022, 30, 139-148.	6.9	37

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145	Simulation Modeling on the Macintosh Using STELLA. BioScience, 1987, 37, 129-132.	2.2	36
146	Modelling coastal marsh stability in response to sea level rise: a case study in coastal Louisiana, USA. Ecological Modelling, 1992, 64, 47-64.	1.2	36
147	Objective and Subjective Indicators of Life Satisfaction in Australia: How Well Do People Perceive What Supports a Good Life?. Ecological Economics, 2018, 154, 361-372.	2.9	36
148	Designing an integrated knowledge base to support ecosystem services valuation. Ecological Economics, 2002, 41, 445-456.	2.9	35
149	Social goals and the valuation of natural capital. Environmental Monitoring and Assessment, 2003, 86, 19-28.	1.3	35
150	Challenges for valuing ecosystem services from an Indigenous estate in northern Australia. Ecosystem Services, 2017, 25, 167-178.	2.3	35
151	Ecological economics in 2049: Getting beyond the argument culture to the world we all want. Ecological Economics, 2020, 168, 106484.	2.9	35
152	Moving beyond evidenceâ€free environmental policy. Frontiers in Ecology and the Environment, 2015, 13, 441-448.	1.9	34
153	The interactions between livelihood capitals and access of local communities to the forest provisioning services of the Sundarbans Mangrove Forest, Bangladesh. Ecosystem Services, 2018, 32, 41-49.	2.3	34
154	Ecosystem health, ecosystem services, and the wellâ€being of humans and the rest of nature. Global Change Biology, 2022, 28, 5027-5040.	4.2	34
155	Measures of energy cost and value in ecosystems. Journal of Environmental Economics and Management, 1986, 13, 391-401.	2.1	33
156	Influential publications in ecological economics revisited. Ecological Economics, 2016, 123, 68-76.	2.9	33
157	Making the hidden visible: Economic valuation of tiger reserves in India. Ecosystem Services, 2017, 26, 236-244.	2.3	33
158	Watershed management and the Web. Journal of Environmental Management, 1999, 56, 231-245.	3.8	32
159	Developing a systematic â€œscience of the pastâ€•to create our future. Global Environmental Change, 2010, 20, 426-427.	3.6	32
160	Understanding the pathways from biodiversity to agro-ecological outcomes: A new, interactive approach. Agriculture, Ecosystems and Environment, 2020, 301, 107053.	2.5	32
161	Financial incentives for large-scale wetland restoration: Beyond markets to common asset trusts. One Earth, 2021, 4, 937-950.	3.6	32
162	Envisioning shared goals for humanity: a detailed, shared vision of a sustainable and desirable USA in 2100. Ecological Economics, 2002, 43, 245-259.	2.9	31

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163	Hydropower development in the lower Mekong basin: alternative approaches to deal with uncertainty. Regional Environmental Change, 2013, 13, 3-15.	1.4	31
164	The value of Chinaâ€™s coastal wetlands and seawalls for storm protection. Ecosystem Services, 2019, 36, 100905.	2.3	31
165	The first decade of Ecological Economics. Ecological Economics, 1999, 28, 1-9.	2.9	30
166	Envisioning helps promote sustainability in academia. International Journal of Sustainability in Higher Education, 2009, 10, 343-353.	1.6	30
167	Artificial modifications of the coast in response to theDeepwater Horizonoil spill: quick solutions or long-term liabilities?. Frontiers in Ecology and the Environment, 2012, 10, 44-49.	1.9	30
168	Australia's Genuine Progress Indicator Revisited (1962â€“2013). Ecological Economics, 2019, 158, 1-10.	2.9	30
169	A new approach to the problem of overlapping values: A case study in Australia×³s Great Barrier Reef. Ecosystem Services, 2014, 10, 61-78.	2.3	29
170	Energy intensities, interdependence, and value in ecological systems: A linear programming approach. Journal of Theoretical Biology, 1984, 106, 41-57.	0.8	28
171	Evaluation of social externalities in regional communities affected by coal seam gas projects: A case study from Southeast Queensland. Ecological Economics, 2017, 131, 300-311.	2.9	28
172	A state-wide economic assessment of coastal and marine ecosystem services to inform sustainable development policies in the Northern Territory, Australia. Marine Policy, 2019, 107, 103595.	1.5	28
173	Surface water flow in landscape models:. Ecological Modelling, 1998, 108, 131-144.	1.2	27
174	The Vermont Common Assets Trust: An institution for sustainable, just and efficient resource allocation. Ecological Economics, 2015, 109, 71-79.	2.9	27
175	Application of capability approach to assess the role of ecosystem services in the well-being of Indigenous Australians. Global Ecology and Conservation, 2015, 4, 445-458.	1.0	25
176	Future scenarios for the value of ecosystem services in Latin America and the Caribbean to 2050. Current Research in Environmental Sustainability, 2020, 2, 100008.	1.7	25
177	Ecosystem services valuation in China. Ecological Economics, 2010, 69, 1387-1388.	2.9	24
178	Natural Capital and Human Economic Survival, Second Edition. Ecological Economics, 1999, , .	0.0	24
179	A general accounting framework for ecological systems: A functional taxonomy for connectivist ecology. Theoretical Population Biology, 1991, 40, 78-104.	0.5	23
180	Value Theory and Energy. , 2004, , 337-346.		22

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181	Ecosystem Services and Environmental Governance: Comparing China and the U.S.. Asia and the Pacific Policy Studies, 2014, 1, 160-170.	0.6	21
182	Valuing marine restoration beyond the â€˜too small and too expensiveâ€™. Trends in Ecology and Evolution, 2021, 36, 968-971.	4.2	20
183	Assessing the value of ecosystem services delivered by prescribed fire management in Australian tropical savannas. Ecosystem Services, 2021, 51, 101343.	2.3	20
184	A decision model for financial assurance instruments in the upstream petroleum sector. Energy Policy, 2004, 32, 1173-1184.	4.2	19
185	Thinking broadly about costs and benefits in ecological management. Integrated Environmental Assessment and Management, 2006, 2, 166-173.	1.6	19
186	Scenario planning including ecosystem services for a coastal region in South Australia. Ecosystem Services, 2018, 31, 194-207.	2.3	19
187	Is China's coastal engineered defences valuable for storm protection?. Science of the Total Environment, 2019, 657, 103-107.	3.9	19
188	Estimates of the Genuine Progress Indicator (GPI) for Oregon from 1960â€“2010 and recommendations for a comprehensive shareholder's report. Ecological Economics, 2015, 119, 1-7.	2.9	18
189	Pluralistic discounting recognizing different capital contributions: An example estimating the net present value of global ecosystem services. Ecological Economics, 2021, 183, 106961.	2.9	18
190	A Vision of the Future of Science: Reintegrating of the Study of Humans and the Rest of Nature. , 2014, , 3-24.		18
191	An experimental analysis of the effectiveness of an environmental assurance bonding system on player behavior in a simulated firm. Ecological Economics, 1994, 11, 213-226.	2.9	16
192	Logical Interrelations between Four Sustainability Parameters: Stability, Continuation, Longevity, and Health. EcoHealth, 1997, 3, 136-142.	0.2	16
193	Mainstreaming indigenous and local communitiesâ€™ connections with nature for policy decision-making. Global Ecology and Conservation, 2019, 19, e00668.	1.0	16
194	Economic valuation of the ecosystem services provided by the mangroves of the Gulf of Nicoya using a hybrid methodology. Ecosystem Services, 2021, 49, 101258.	2.3	16
195	Non-spatial calibrations of a general unit model for ecosystem simulations. Ecological Modelling, 2001, 146, 17-32.	1.2	15
196	The Future of Ecosystem Services in Asia and the Pacific. Asia and the Pacific Policy Studies, 2016, 3, 389-404.	0.6	15
197	Dealing with the â€œMixed Unitsâ€•Problem in Ecosystem Network Analysis. , 1989, , 90-115.		15
198	An approach to modelling the dynamics of evolutionary self-organization. Ecological Modelling, 1993, 69, 149-161.	1.2	14

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199	TEEB emerging at the country level: Challenges and opportunities. Ecosystem Services, 2015, 14, 37-44.	2.3	14
200	Trump: a confluence of tipping points?. Nature, 2017, 542, 295-295.	13.7	14
201	A public opinion survey of four future scenarios for Australia in 2050. Futures, 2019, 107, 119-132.	1.4	14
202	Sustainable Trade: A New Paradigm for World Welfare. Environment, 1995, 37, 16-44.	0.8	13
203	Patuxent landscape model: 1. Hydrological model development. Water Resources, 2007, 34, 163-170.	0.3	13
204	Common asset trusts to effectively steward natural capital and ecosystem services at multiple scales. Journal of Environmental Management, 2021, 280, 111801.	3.8	13
205	The net-energy yield of nuclear power. Energy, 1988, 13, 73-81.	4.5	12
206	Applying the Patuxent Landscape Unit Model to human dominated ecosystems: the case of agriculture. Ecological Modelling, 2003, 159, 161-177.	1.2	12
207	MODELING SPATIAL AND TEMPORAL SUCCESSION IN THE ATCHAFALAYA/TERREBONNE MARSH/ESTUARINE COMPLEX IN SOUTH LOUISIANA. , 1986, , 387-404.		12
208	Building a Sustainable and Desirable Economy-in-Society-in-Nature. , 2013, , 126-142.		12
209	The costs of increasing precision for ecosystem services valuation studies. Ecological Indicators, 2022, 135, 108551.	2.6	12
210	Land use trade-offs in China's protected areas from the perspective of accounting values of ecosystem services. Journal of Environmental Management, 2022, 315, 115178.	3.8	12
211	Review Essay: The Nuclear Arms Race and the Theory of Social Traps. Journal of Peace Research, 1984, 21, 79-86.	1.5	10
212	Development and Application of the Everglades Landscape Model. , 2004, , 143-171.		10
213	Regional commitment to reducing emissions. Nature, 2005, 438, 301-302.	13.7	10
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