Klaus Hubacek

List of Publications by Year
in descending order

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239 papers	27,778 citations	4960 84 h-index	6471 157 g-index
251 all docs	251 docs citations	251 times ranked	18015 citing authors

#	Article	IF	Citations
1	Who's in and why? A typology of stakeholder analysis methods for natural resource management. Journal of Environmental Management, 2009, 90, 1933-1949.	7.8	1,503
2	Reduced carbon emission estimates from fossil fuel combustion and cement production in China. Nature, 2015, 524, 335-338.	27.8	1,185
3	Chinese CO2 emission flows have reversed since the global financial crisis. Nature Communications, 2017, 8, 1712.	12.8	678
4	Stakeholder Analysis and Social Network Analysis in Natural Resource Management. Society and Natural Resources, 2009, 22, 501-518.	1.9	662
5	Outsourcing CO ₂ within China. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 11654-11659.	7.1	533
6	China CO2 emission accounts 2016â€“2017. Scientific Data, 2020, 7, 54.	5.3	527
7	The drivers of Chinese CO2 emissions from 1980 to 2030. Global Environmental Change, 2008, 18, 626-634.	7.8	523
8	Global supply-chain effects of COVID-19 control measures. Nature Human Behaviour, 2020, 4, 577-587.	12.0	521
9	The contribution of Chinese exports to climate change. Energy Policy, 2008, 36, 3572-3577.	8.8	505
10	China's Growing CO₂ EmissionsA Race between Increasing Consumption and Efficiency Gains. Environmental Science & Technology, 2007, 41, 5939-5944.	10.0	489
11	The gigatonne gap in Chinaâ€™s carbon dioxide inventories. Nature Climate Change, 2012, 2, 672-675.	18.8	477
12	Unpacking “Participation” in the Adaptive Management of Social–ecological Systems: a Critical Review. Ecology and Society, 2006, 11, .	2.3	444
13	INPUTâ€“OUTPUT ANALYSIS AND CARBON FOOTPRINTING: AN OVERVIEW OF APPLICATIONS. Economic Systems Research, 2009, 21, 187-216.	2.7	436
14	A review of trends and drivers of greenhouse gas emissions by sector from 1990 to 2018. Environmental Research Letters, 2021, 16, 073005.	5.2	421
15	Physical and virtual water transfers for regional water stress alleviation in China. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 1031-1035.	7.1	392
16	Carbon footprints of cities and other human settlements in the UK. Environmental Research Letters, 2013, 8, 035039.	5.2	355
17	The role of expert opinion in environmental modelling. Environmental Modelling and Software, 2012, 36, 4-18.	4.5	350
18	Shock Waves: Managing the Impacts of Climate Change on Poverty. , 2016, , .		331

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19	Assessment of regional trade and virtual water flows in China. Ecological Economics, 2007, 61, 159-170.	5.7	320
20	Journey to world top emitter: An analysis of the driving forces of China's recent CO₂ emissions surge. Geophysical Research Letters, 2009, 36, .	4.0	317
21	Tele-connecting local consumption to global land use. Global Environmental Change, 2013, 23, 1178-1186.	7.8	302
22	Environmental implications of urbanization and lifestyle change in China: Ecological and Water Footprints. Journal of Cleaner Production, 2009, 17, 1241-1248.	9.3	299
23	Drivers of the US CO2 emissions 1997â€“2013. Nature Communications, 2015, 6, 7714.	12.8	296
24	A â€œCarbonizing Dragonâ€• Chinaâ€™s Fast Growing CO₂ Emissions Revisited. Environmental Science & Technology, 2011, 45, 9144-9153.	10.0	295
25	The Impact of Social Factors and Consumer Behavior on Carbon Dioxide Emissions in the United Kingdom. Journal of Industrial Ecology, 2010, 14, 50-72.	5.5	288
26	COMPARISON OF BOTTOM-UP AND TOP-DOWN APPROACHES TO CALCULATING THE WATER FOOTPRINTS OF NATIONS. Economic Systems Research, 2011, 23, 371-385.	2.7	288
27	The characteristics and drivers of fine particulate matter (PM2.5) distribution in China. Journal of Cleaner Production, 2017, 142, 1800-1809.	9.3	287
28	City-level climate change mitigation in China. Science Advances, 2018, 4, eaaq0390.	10.3	287
29	Assessment to China's Recent Emission Pattern Shifts. Earth's Future, 2021, 9, e2021EF002241.	6.3	266
30	Tools and methods in participatory modeling: Selecting the right tool for the job. Environmental Modelling and Software, 2018, 109, 232-255.	4.5	257
31	Assessing regional virtual water flows and water footprints in the Yellow River Basin, China: A consumption based approach. Applied Geography, 2012, 32, 691-701.	3.7	256
32	Virtual Scarce Water in China. Environmental Science & Technology, 2014, 48, 7704-7713.	10.0	251
33	Consumption-based CO2 accounting of China's megacities: The case of Beijing, Tianjin, Shanghai and Chongqing. Ecological Indicators, 2014, 47, 26-31.	6.3	236
34	The physical economy of the European Union: Cross-country comparison and determinants of material consumption. Ecological Economics, 2006, 58, 676-698.	5.7	232
35	Environmental change in moorland landscapes. Earth-Science Reviews, 2007, 82, 75-100.	9.1	229
36	The energy and water nexus in Chinese electricity production: A hybrid life cycle analysis. Renewable and Sustainable Energy Reviews, 2014, 39, 342-355.	16.4	229

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37	Economic development and converging household carbon footprints in China. Nature Sustainability, 2020, 3, 529-537.	23.7	224
38	Targeted opportunities to address the climateâ€“trade dilemma in China. Nature Climate Change, 2016, 6, 201-206.	18.8	206
39	Analyzing Drivers of Regional Carbon Dioxide Emissions for China. Journal of Industrial Ecology, 2012, 16, 600-611.	5.5	205
40	Applying physical inputâ€“output analysis to estimate land appropriation (ecological footprints) of international trade activities. Ecological Economics, 2003, 44, 137-151.	5.7	199
41	Global urban expansion offsets climate-driven increases in terrestrial net primary productivity. Nature Communications, 2019, 10, 5558.	12.8	198
42	Vulnerability of fishery-based livelihoods to the impacts of climate variability and change: insights from coastal Bangladesh. Regional Environmental Change, 2014, 14, 281-294.	2.9	197
43	The Water-Energy-Food Nexus in East Asia: A tele-connected value chain analysis using inter-regional input-output analysis. Applied Energy, 2018, 210, 550-567.	10.1	194
44	Global patterns of ecologically unequal exchange: Implications for sustainability in the 21st century. Ecological Economics, 2021, 179, 106824.	5.7	194
45	Tracing CO2 emissions in global value chains. Energy Economics, 2018, 73, 24-42.	12.1	192
46	Assessing regional and global water footprints for the UK. Ecological Economics, 2010, 69, 1140-1147.	5.7	190
47	Lifestyles, technology and CO2 emissions in China: A regional comparative analysis. Ecological Economics, 2009, 69, 145-154.	5.7	189
48	The Impacts of Household Consumption and Options for Change. Journal of Industrial Ecology, 2010, 14, 13-30.	5.5	189
49	Combining analytical frameworks to assess livelihood vulnerability to climate change and analyse adaptation options. Ecological Economics, 2013, 94, 66-77.	5.7	179
50	Changing lifestyles and consumption patterns in developing countries: A scenario analysis for China and India. Futures, 2007, 39, 1084-1096.	2.5	173
51	Poverty eradication in a carbon constrained world. Nature Communications, 2017, 8, 912.	12.8	171
52	Global carbon inequality. Energy, Ecology and Environment, 2017, 2, 361-369.	3.9	167
53	Participatory scenario development for environmental management: A methodological framework illustrated with experience from the UK uplands. Journal of Environmental Management, 2013, 128, 345-362.	7.8	166
54	Learning from Doing Participatory Rural Research: Lessons from the Peak District National Park. Journal of Agricultural Economics, 2006, 57, 259-275.	3.5	158

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55	Determinants of stagnating carbon intensity in China. Nature Climate Change, 2014, 4, 1017-1023.	18.8	157
56	Revealing Environmental Inequality Hidden in Chinaâ€™s Inter-regional Trade. Environmental Science & Technology, 2018, 52, 7171-7181.	10.0	155
57	Chinaâ€™s inter-regional spillover of carbon emissions and domestic supply chains. Energy Policy, 2013, 61, 1305-1321.	8.8	152
58	Energy-water nexus of wind power in China: The balancing act between CO2 emissions and water consumption. Energy Policy, 2012, 45, 440-448.	8.8	146
59	Measuring the environmental sustainability performance of global supply chains: A multi-regional input-output analysis for carbon, sulphur oxide and water footprints. Journal of Environmental Management, 2017, 187, 571-585.	7.8	146
60	The environmental impacts of rapidly changing diets and their nutritional quality in China. Nature Sustainability, 2018, 1, 122-127.	23.7	146
61	Distributional effects of carbon taxation. Applied Energy, 2016, 184, 1123-1131.	10.1	137
62	Impacts of COVID-19 and fiscal stimuli on global emissions and the Paris Agreement. Nature Climate Change, 2021, 11, 200-206.	18.8	129
63	Clean air for some: Unintended spillover effects of regional air pollution policies. Science Advances, 2019, 5, eaav4707.	10.3	126
64	Assessing Vulnerability to Climate Change in Dryland Livelihood Systems: Conceptual Challenges and Interdisciplinary Solutions. Ecology and Society, 2011, 16, .	2.3	124
65	Unequal Exchange of Air Pollution and Economic Benefits Embodied in Chinaâ€™s Exports. Environmental Science & Technology, 2018, 52, 3888-3898.	10.0	124
66	A scenario analysis of China's land use and land cover change: incorporating biophysical information into inputâ€“output modeling. Structural Change and Economic Dynamics, 2001, 12, 367-397.	4.5	123
67	If you have a hammer everything looks like a nail: traditional versus participatory model building. Interdisciplinary Science Reviews, 2007, 32, 263-282.	1.4	121
68	Drivers of CO2 emissions in the former Soviet Union: A country level IPAT analysis from 1990 to 2010. Energy, 2013, 59, 743-753.	8.8	117
69	Impacts of poverty alleviation on national and global carbon emissions. Nature Sustainability, 2022, 5, 311-320.	23.7	116
70	Ecological Network Analysis for Carbon Metabolism of Eco-industrial Parks: A Case Study of a Typical Eco-industrial Park in Beijing. Environmental Science & Technology, 2015, 49, 7254-7264.	10.0	113
71	Limits and barriers to adaptation to climate variability and change in Bangladeshi coastal fishing communities. Marine Policy, 2014, 43, 208-216.	3.2	112
72	A new and integrated hydro-economic accounting and analytical framework for water resources: A case study for North China. Journal of Environmental Management, 2008, 88, 1300-1313.	7.8	111

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73	Is small beautiful? A multicriteria assessment of small-scale energy technology applications in local governments. Energy Policy, 2007, 35, 6402-6412.	8.8	110
74	Household carbon footprints in the Baltic States: A global multi-regional inputâ€“output analysis from 1995 to 2011. Applied Energy, 2017, 189, 780-788.	10.1	109
75	CO2 emission clusters within global supply chain networks: Implications for climate change mitigation. Global Environmental Change, 2015, 35, 486-496.	7.8	106
76	Drivers of virtual water flows on regional water scarcity in China. Journal of Cleaner Production, 2019, 207, 1112-1122.	9.3	106
77	Lifting Chinaâ€™s Water Spell. Environmental Science & Technology, 2014, 48, 11048-11056.	10.0	105
78	Chinese cities exhibit varying degrees of decoupling of economic growth and CO2 emissions between 2005 and 2015. One Earth, 2021, 4, 124-134.	6.8	103
79	Driving forces of CO2 emissions in the G20 countries: An index decomposition analysis from 1971 to 2010. Ecological Informatics, 2015, 26, 93-100.	5.2	102
80	Spatial spillover effects in determining China's regional CO 2 emissions growth: 2007â€“2010. Energy Economics, 2017, 63, 161-173.	12.1	98
81	Modeling Sustainability: Population, Inequality, Consumption, and Bidirectional Coupling of the Earth and Human Systems. National Science Review, 2016, 3, nww081.	9.5	96
82	The Right Connections: How do Social Networks Lubricate the Machinery of Natural Resource Governance?. Ecology and Society, 2010, 15, .	2.3	95
83	Burden shifting of water quantity and quality stress from megacity <scp>S</scp>hanghai. Water Resources Research, 2016, 52, 6916-6927.	4.2	92
84	Competing Structure, Competing Views: The Role of Formal and Informal Social Structures in Shaping Stakeholder Perceptions. Ecology and Society, 2010, 15, .	2.3	91
85	Social science perspectives on drivers of and responses to global climate change. Wiley Interdisciplinary Reviews: Climate Change, 2019, 10, e554.	8.1	91
86	The environmental effect of car-free housing: A case in Vienna. Ecological Economics, 2008, 65, 516-530.	5.7	89
87	Distributional Effects of Climate Change Taxation: The Case of the UK. Environmental Science & Technology, 2010, 44, 3670-3676.	10.0	89
88	Explaining virtual water trade: A spatial-temporal analysis of the comparative advantage of land, labor and water in China. Water Research, 2019, 153, 304-314.	11.3	89
89	Changing concepts of â€˜landâ€™ in economic theory: From single to multi-disciplinary approaches. Ecological Economics, 2006, 56, 5-27.	5.7	86
90	â€˜Whoâ€™s in the Network?â€™ When Stakeholders Influence Data Analysis. Systemic Practice and Action Research, 2008, 21, 443-458.	1.7	82

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91	Evaluating farmersâ€™ likely participation in a payment programme for water quality protection in the UK uplands. Regional Environmental Change, 2013, 13, 633-647.	2.9	81
92	The future of the uplands. Land Use Policy, 2009, 26, S204-S216.	5.6	80
93	Teleconnecting Consumption to Environmental Impacts at Multiple Spatial Scales. Journal of Industrial Ecology, 2014, 18, 7-9.	5.5	79
94	Comparing apples and oranges: Some confusion about using and interpreting physical trade matrices versus multi-regional inputâ€“output analysis. Land Use Policy, 2016, 50, 194-201.	5.6	79
95	A hydro-economic MRIO analysis of the Haihe River Basin's water footprint and water stress. Ecological Modelling, 2015, 318, 157-167.	2.5	78
96	Drivers of greenhouse gas emissions in the Baltic States: A structural decomposition analysis. Ecological Economics, 2014, 98, 22-28.	5.7	77
97	China's unequal ecological exchange. Ecological Indicators, 2014, 47, 156-163.	6.3	76
98	Analysis of spatial patterns of urban growth across South Asia using DMSP-OLS nighttime lights data. Applied Geography, 2015, 63, 292-303.	3.7	75
99	Purpose, processes, partnerships, and products: four Ps to advance participatory socioâ€environmental modeling. Ecological Applications, 2018, 28, 46-61.	3.8	74
100	Changing Lifestyles Towards a Low Carbon Economy: An IPAT Analysis for China. Energies, 2012, 5, 22-31.	3.1	72
101	Anticipating and Managing Future Trade-offs and Complementarities between Ecosystem Services. Ecology and Society, 2013, 18, .	2.3	70
102	The Economic Gains and Environmental Losses of US Consumption: A World-Systems and Input-Output Approach. Social Forces, 2014, 93, 405-428.	1.3	66
103	What to expect from a greater geographic dispersion of wind farms?â€”A risk portfolio approach. Energy Policy, 2007, 35, 3999-4008.	8.8	64
104	Spatially Explicit Analysis of Water Footprints in the UK. Water (Switzerland), 2011, 3, 47-63.	2.7	64
105	Afforestation, agricultural abandonment and intensification: Competing trajectories in semi-arid Mediterranean agro-ecosystems. Agriculture, Ecosystems and Environment, 2012, 159, 90-104.	5.3	64
106	Twelve Questions for the Participatory Modeling Community. Earth's Future, 2018, 6, 1046-1057.	6.3	63
107	Economic and Societal Changes in China and their Effects onWater Use A Scenario Analysis. Journal of Industrial Ecology, 2008, 9, 187-200.	5.5	62
108	Role of Motor Vehicle Lifetime Extension in Climate Change Policy. Environmental Science & Technology, 2011, 45, 1184-1191.	10.0	62

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109	Four system boundaries for carbon accounts. Ecological Modelling, 2015, 318, 118-125.	2.5	62
110	â€˜Made in Chinaâ€™: A reevaluation of embodied CO2 emissions in Chinese exports using firm heterogeneity information. Applied Energy, 2016, 184, 1106-1113.	10.1	62
111	Physical and virtual carbon metabolism of global cities. Nature Communications, 2020, 11, 182.	12.8	62
112	KNOWLEDGE MANAGEMENT FOR LAND DEGRADATION MONITORING AND ASSESSMENT: AN ANALYSIS OF CONTEMPORARY THINKING. Land Degradation and Development, 2013, 24, 307-322.	3.9	61
113	Economic vulnerability to Peak Oil. Global Environmental Change, 2013, 23, 1424-1433.	7.8	60
114	Household carbon inequality in the U.S.. Journal of Cleaner Production, 2021, 278, 123994.	9.3	60
115	More than half of Chinaâ€™s CO2 emissions are from micro, small and medium-sized enterprises. Applied Energy, 2018, 230, 712-725.	10.1	59
116	COMPILATION AND APPLICATIONS OF IDE-JETRO'S INTERNATIONAL INPUTâ€“OUTPUT TABLES. Economic Systems Research, 2013, 25, 122-142.	2.7	58
117	Sustainable Consumption and Production. Journal of Industrial Ecology, 2010, 14, 1-3.	5.5	57
118	Wind power in China â€“ Dream or reality?. Energy, 2012, 37, 51-60.	8.8	56
119	Global Implications of China's Future Food Consumption. Journal of Industrial Ecology, 2016, 20, 593-602.	5.5	56
120	Modeling the carbon consequences of pro-environmental consumer behavior. Applied Energy, 2016, 184, 1207-1216.	10.1	55
121	The land-water nexus of biofuel production in Brazil: Analysis of synergies and trade-offs using a multiregional input-output model. Journal of Cleaner Production, 2019, 214, 52-61.	9.3	55
122	Tension of Agricultural Land and Water Use in Chinaâ€™s Trade: Tele-Connections, Hidden Drivers and Potential Solutions. Environmental Science & Technology, 2020, 54, 5365-5375.	10.0	55
123	Better cars or older cars?: Assessing CO2 emission reduction potential of passenger vehicle replacement programs. Global Environmental Change, 2013, 23, 1807-1818.	7.8	53
124	Underlying and proximate driving causes of land use change in district Swat, Pakistan. Land Use Policy, 2013, 34, 146-157.	5.6	53
125	Carbon implications of Chinaâ€™s urbanization. Energy, Ecology and Environment, 2016, 1, 39-44.	3.9	53
126	Energyscapes: Linking the energy system and ecosystem services in real landscapes. Biomass and Bioenergy, 2013, 55, 17-26.	5.7	51

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127	Evidence of decoupling consumption-based CO2 emissions from economic growth. Advances in Applied Energy, 2021, 4, 100074.	13.2	51
128	Reducing Carbon Footprint Inequality of Household Consumption in Rural Areas: Analysis from Five Representative Provinces in China. Environmental Science & Technology, 2021, 55, 11511-11520.	10.0	50
129	Spatial and temporal dynamics of land use pattern in District Swat, Hindu Kush Himalayan region of Pakistan. Applied Geography, 2011, 31, 820-828.	3.7	49
130	Farmer typology, future scenarios and the implications for ecosystem service provision: a case study from south-eastern Spain. Regional Environmental Change, 2013, 13, 601-614.	2.9	49
131	A sequential inputâ€“output framework to analyze the economic and environmental implications of energy policies: Gas taxes and fuel subsidies. Applied Energy, 2016, 184, 830-839.	10.1	49
132	Managing the distributional effects of energy taxes and subsidy removal in Latin America and the Caribbean. Applied Energy, 2018, 225, 424-436.	10.1	49
133	Carbon and health implications of trade restrictions. Nature Communications, 2019, 10, 4947.	12.8	49
134	Cash transfers for pro-poor carbon taxes in Latin America and the Caribbean. Nature Sustainability, 2019, 2, 941-948.	23.7	49
135	Alternative Approaches of Physical Inputâ€“Output Analysis to Estimate Primary Material Inputs of Production and Consumption Activities. Economic Systems Research, 2004, 16, 301-310.	2.7	48
136	Material implication of Chile's economic growth: Combining material flow accounting (MFA) and structural decomposition analysis (SDA). Ecological Economics, 2008, 65, 136-144.	5.7	48
137	A Review of Water Stress and Water Footprint Accounting. Water (Switzerland), 2021, 13, 201.	2.7	48
138	Assessing the suitability of inputâ€“output analysis for enhancing our understanding of potential economic effects of Peak Oil. Energy, 2009, 34, 284-290.	8.8	46
139	From Polluter Pays to Provider Gets: Distribution of Rights and Costs under Payments for Ecosystem Services. Ecology and Society, 2013, 18, .	2.3	45
140	Provincial air pollution responsibility and environmental tax of China based on interregional linkage indicators. Journal of Cleaner Production, 2019, 235, 337-347.	9.3	44
141	Quantifying economic-social-environmental trade-offs and synergies of water-supply constraints: An application to the capital region of China. Water Research, 2021, 195, 116986.	11.3	44
142	Could Payments for Ecosystem Services Create an "Ecosystem Service Curse"?. Ecology and Society, 2013, 18, .	2.3	43
143	An empirical analysis of the environmental Kuznets curve for water pollution in India. International Journal of Global Environmental Issues, 2009, 9, 50.	0.1	42
144	Environmental impacts of dietary quality improvement in China. Journal of Environmental Management, 2019, 240, 518-526.	7.8	42

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145	Urban carbon footprints across scale: Important considerations for choosing system boundaries. Applied Energy, 2020, 259, 114201.	10.1	39
146	Migrating to tackle climate variability and change? Insights from coastal fishing communities in Bangladesh. Climatic Change, 2014, 124, 733-746.	3.6	38
147	Household carbon and energy inequality in Latin American and Caribbean countries. Journal of Environmental Management, 2020, 273, 110979.	7.8	38
148	Learning from Experiences in Adaptive Action Research: a Critical Comparison of two Case Studies Applying Participatory Scenario Development and Modelling Approaches. Environmental Policy and Governance, 2011, 21, 433-453.	3.7	36
149	Modelling land use change across elevation gradients in district Swat, Pakistan. Regional Environmental Change, 2013, 13, 567-581.	2.9	36
150	Greenhouse gas emissions from municipal wastewater treatment facilities in China from 2006 to 2019. Scientific Data, 2022, 9, .	5.3	36
151	Can government transfers make energy subsidy reform socially acceptable? A case study on Ecuador. Energy Policy, 2020, 137, 111120.	8.8	35
152	Implications of COVID-19 lockdowns on surface passenger mobility and related CO2 emission changes in Europe. Applied Energy, 2021, 300, 117396.	10.1	34
153	Agricultural land displacement and undernourishment. Journal of Cleaner Production, 2017, 161, 619-628.	9.3	33
154	Distributional impact of carbon pricing in Chinese provinces. Energy Economics, 2019, 81, 327-340.	12.1	33
155	Drivers toward a Low-Carbon Electricity System in Chinaâ€™s Provinces. Environmental Science & Technology, 2020, 54, 5774-5782.	10.0	33
156	Uncovering the spatially distant feedback loops of global trade: A network and input-output approach. Science of the Total Environment, 2017, 586, 401-408.	8.0	31
157	Environmental taxation and regional inequality in China. Science Bulletin, 2019, 64, 1691-1699.	9.0	31
158	Analysis of China's urban household indirect carbon emissions drivers under the background of population aging. Structural Change and Economic Dynamics, 2022, 60, 114-125.	4.5	31
159	Using scenarios to explore UK upland futures. Futures, 2009, 41, 619-630.	2.5	29
160	Challenges faced when energy meets water: CO2 and water implications of power generation in inner Mongolia of China. Renewable and Sustainable Energy Reviews, 2015, 45, 419-430.	16.4	29
161	Drivers of U.S. toxicological footprints trajectory 1998â€“2013. Scientific Reports, 2016, 6, 39514.	3.3	29
162	Managing the mitigation: Analysis of the effectiveness of target-based policies on China's provincial carbon emission and transfer. Energy Policy, 2021, 151, 112189.	8.8	29

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163	Modelling the coupled dynamics of moorland management and upland vegetation. Journal of Applied Ecology, 2009, 46, 278-288.	4.0	28
164	Drivers of illegal resource extraction: An analysis of Bardia National Park, Nepal. Journal of Environmental Management, 2011, 92, 156-164.	7.8	28
165	Analysis of CO2 transfer processes involved in global trade based on ecological network analysis. Applied Energy, 2019, 233-234, 576-583.	10.1	28
166	The effect of industrialization and globalization on domestic land-use: A global resource footprint perspective. Global Environmental Change, 2021, 69, 102311.	7.8	27
167	Beyond the simple material balance: a reply to Sangwon Suh's note on physical inputâ€“output analysis. Ecological Economics, 2004, 48, 19-22.	5.7	26
168	Linking Local Consumption to Global Impacts. Journal of Industrial Ecology, 2016, 20, 382-386.	5.5	26
169	Decarbonizing Chinaâ€™s Urban Agglomerations. Annals of the American Association of Geographers, 2019, 109, 266-285.	2.2	26
170	Decline of net SO2 emission intensity in China's thermal power generation: Decomposition and attribution analysis. Science of the Total Environment, 2020, 719, 137367.	8.0	26
171	Environmental Impact Assessment, ecosystems services and the case of energy crops in England. Journal of Environmental Planning and Management, 2012, 55, 369-385.	4.5	24
172	Linking social expenditures to household lifestyles. Futures, 2003, 35, 61-74.	2.5	23
173	Uncovering the Green, Blue, and Grey Water Footprint and Virtual Water of Biofuel Production in Brazil: A Nexus Perspective. Sustainability, 2017, 9, 2049.	3.2	23
174	THE EMISSIONS REDUCTION EFFECT AND ECONOMIC IMPACT OF AN ENERGY TAX VS. A CARBON TAX IN CHINA: A DYNAMIC CGE MODEL ANALYSIS. Singapore Economic Review, 2018, 63, 339-387.	1.7	23
175	Shifts towards healthy diets in the US can reduce environmental impacts but would be unaffordable for poorer minorities. Nature Food, 2021, 2, 664-672.	14.0	23
176	Future generations: Economic, legal and institutional aspects. Futures, 2008, 40, 413-423.	2.5	22
177	Property rights in UK uplands and the implications for policy and management. Ecological Economics, 2010, 69, 1355-1363.	5.7	22
178	Effects of China's Economic Growth. Science, 2010, 328, 824-825.	12.6	22
179	Eliminating Indirect Energy Subsidies in Ukraine: Estimation of Environmental and Socioeconomic Effects Using Inputâ€“Output Modeling. Journal of Economic Structures, 2013, 2, .	1.6	22
180	Enhancing socio-ecological resilience in coastal regions through collaborative science, knowledge exchange and social networks: a case study of the Deal Island Peninsula, USA. Socio-Ecological Practice Research, 2019, 1, 109-123.	1.9	22

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181	Try, try again: Lessons learned from success and failure in participatory modeling. Elementa, 2019, 7, .	3.2	22
182	Combining social network approaches with social theories to improve understanding of natural resource governance. , 0, , 44-72.		21
183	A costâ€"benefit analysis of the environmental taxation policy in China: A frontier analysisâ€based environmentally extended inputâ€"output optimization method. Journal of Industrial Ecology, 2020, 24, 564-576.	5.5	21
184	Decomposition and attribution analysis for assessing the progress in decoupling industrial development from wastewater discharge in China. Journal of Cleaner Production, 2020, 266, 121789.	9.3	21
185	Unequal household carbon footprints in the peak-and-decline pattern of U.S. greenhouse gas emissions. Journal of Cleaner Production, 2022, 368, 132650.	9.3	21
186	From poverty trap to ecosystem service curse. Sustainability Science, 2016, 11, 903-907.	4.9	20
187	Countermeasures against economic crisis from COVID-19 pandemic in China: An analysis of effectiveness and trade-offs. Structural Change and Economic Dynamics, 2021, 59, 482-495.	4.5	20
188	Public preferences for production of local and global ecosystem services. Regional Environmental Change, 2013, 13, 649-659.	2.9	19
189	Developing a conceptual framework for the attitudeâ€"intentionâ€"behaviour links driving illegal resource extraction in Bardia National Park, Nepal. Ecological Economics, 2015, 117, 129-139.	5.7	19
190	PRODUCTION SHARING, DEMAND SPILLOVERS AND CO₂ EMISSIONS: THE CASE OF CHINESE REGIONS IN GLOBAL VALUE CHAINS. Singapore Economic Review, 2018, 63, 275-293.	1.7	19
191	China can offer domestic emission cap-and-trade in post 2012. Environmental Science & Technology, 2010, 44, 5327-5327.	10.0	17
192	Virtual flows of aquatic heavy metal emissions and associated risk in China. Journal of Environmental Management, 2019, 249, 109400.	7.8	17
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