

Daniel D Moran

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

70
papers

6,328
citations

36
h-index

74
g-index

74
ext. papers

7,645
ext. citations

7.5
avg, IF

6.21
L-index

#	Paper	IF	Citations
70	Greenhouse gas emissions from global cities under SSP/RCP scenarios, 1990 to 2100. <i>Global Environmental Change</i> , 2022 , 73, 102478	10.1	7
69	Estimating CO ₂ emissions for 108 000 European cities. <i>Earth System Science Data</i> , 2022 , 14, 845-864	10.5	1
68	Ageing society in developed countries challenges carbon mitigation. <i>Nature Climate Change</i> , 2022 , 12, 241-248	21.4	3
67	CO embodied in trade: trends and fossil fuel drivers. <i>Environmental Science and Pollution Research</i> , 2021 , 28, 27712-27730	5.1	3
66	Time to rethink trophic levels in aquaculture policy. <i>Reviews in Aquaculture</i> , 2021 , 13, 1583	8.9	9
65	Quantifying Europe's biodiversity footprints and the role of urbanization and income. <i>Global Sustainability</i> , 2020 , 3,	5.4	9
64	Spatial variation in household consumption-based carbon emission inventories for 1200 Japanese cities. <i>Environmental Research Letters</i> , 2020 , 15, 114053	6.2	15
63	From Satellite to Supply Chain: New Approaches Connect Earth Observation to Economic Decisions. <i>One Earth</i> , 2020 , 3, 5-8	8.1	10
62	Integrating Life Cycle and Impact Assessments to Map Food's Cumulative Environmental Footprint. <i>One Earth</i> , 2020 , 3, 65-78	8.1	6
61	Quantifying the potential for consumer-oriented policy to reduce European and foreign carbon emissions. <i>Climate Policy</i> , 2020 , 20, S28-S38	5.3	41
60	Beyond peak emission transfers: historical impacts of globalization and future impacts of climate policies on international emission transfers. <i>Climate Policy</i> , 2020 , 20, S14-S27	5.3	22
59	The structure, drivers and policy implications of the European carbon footprint. <i>Climate Policy</i> , 2020 , 20, S39-S57	5.3	30
58	Balancing and reconciling large multi-regional input-output databases using parallel optimisation and high-performance computing. <i>Journal of Economic Structures</i> , 2019 , 8,	3.2	4
57	FABIO-The Construction of the Food and Agriculture Biomass Input-Output Model. <i>Environmental Science & Technology</i> , 2019 , 53, 11302-11312	10.3	36
56	Carbon-Footprint Accounting for the Next Phase of Globalization: Status and Opportunities. <i>One Earth</i> , 2019 , 1, 35-38	8.1	3
55	Opinion: Putting all foods on the same table: Achieving sustainable food systems requires full accounting. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019 , 116, 18152-18156	11.5	49
54	Variation in trends of consumption based carbon accounts. <i>Scientific Data</i> , 2019 , 6, 99	8.2	15

53	Do Amphibians and Cash Crops Compete for Scarce Water? A Spatial Correlation Analysis. <i>Sustainability</i> , 2019 , 11, 1822	3.6	
52	Agricultural and forestry trade drives large share of tropical deforestation emissions. <i>Global Environmental Change</i> , 2019 , 56, 1-10	10.1	132
51	Particulate matter-attributable mortality and relationships with carbon dioxide in 250 urban areas worldwide. <i>Scientific Reports</i> , 2019 , 9, 11552	4.9	48
50	Time Matters: The Carbon Footprint of Everyday Activities in Austria. <i>Ecological Economics</i> , 2019 , 164, 106357	5.6	22
49	Meat Consumption Does Not Explain Differences in Household Food Carbon Footprints in Japan. <i>One Earth</i> , 2019 , 1, 464-471	8.1	21
48	The Swedish footprint: A multi-model comparison. <i>Journal of Cleaner Production</i> , 2019 , 209, 1578-1592	10.3	18
47	Decoupling or delusion? Measuring emissions displacement in foreign trade. <i>Global Environmental Change</i> , 2018 , 49, 27-34	10.1	68
46	Prioritizing Consumption-Based Carbon Policy Based on the Evaluation of Mitigation Potential Using Input-Output Methods. <i>Journal of Industrial Ecology</i> , 2018 , 22, 540-552	7.2	40
45	TSUNAGARI: a new interdisciplinary and transdisciplinary study toward conservation and sustainable use of biodiversity and ecosystem services. <i>Ecological Research</i> , 2018 , 33, 35-49	1.9	6
44	A Note on the Magnitude of the Feedback Effect in Environmentally Extended Multi-Region Input-Output Tables. <i>Journal of Industrial Ecology</i> , 2018 , 22, 532-539	7.2	12
43	Decoupling between human development and energy consumption within footprint accounts. <i>Journal of Cleaner Production</i> , 2018 , 202, 1145-1157	10.3	63
42	Uncertainty of Consumption-Based Carbon Accounts. <i>Environmental Science & Technology</i> , 2018 , 52, 7577-7586	10.3	54
41	Trade and the role of non-food commodities for global eutrophication. <i>Nature Sustainability</i> , 2018 , 1, 314-321	22.1	39
40	A novel maximum entropy approach to hybrid monetary-physical supply-chain modelling and its application to biodiversity impacts of palm oil embodied in consumption. <i>Environmental Research Letters</i> , 2018 , 13, 115002	6.2	13
39	Carbon footprints of 13 000 cities. <i>Environmental Research Letters</i> , 2018 , 13, 064041	6.2	139
38	Resource footprints and their ecosystem consequences. <i>Scientific Reports</i> , 2017 , 7, 40743	4.9	52
37	Identifying critical supply chain paths and key sectors for mitigating primary carbonaceous PM2.5 mortality in Asia. <i>Economic Systems Research</i> , 2017 , 29, 105-123	2.1	38
36	The Global MRIO Lab Charting the world economy. <i>Economic Systems Research</i> , 2017 , 29, 158-186	2.1	48

35	Identifying species threat hotspots from global supply chains. <i>Nature Ecology and Evolution</i> , 2017 , 1, 23	12.3	100
34	Carbon Footprints Concentrated in Few Global Cities. <i>SSRN Electronic Journal</i> , 2017 ,	1	3
33	On the suitability of input-output analysis for calculating product-specific biodiversity footprints. <i>Ecological Indicators</i> , 2016 , 60, 192-201	5.8	45
32	Reply to 'Consistency of technology-adjusted consumption-based accounting'. <i>Nature Climate Change</i> , 2016 , 6, 730-730	21.4	6
31	Tracing global supply chains to air pollution hotspots. <i>Environmental Research Letters</i> , 2016 , 11, 094017	6.2	43
30	Mapping the Carbon Footprint of Nations. <i>Environmental Science & Technology</i> , 2016 , 50, 10512-10517	17.3	102
29	National greenhouse-gas accounting for effective climate policy on international trade. <i>Nature Climate Change</i> , 2015 , 5, 431-435	21.4	154
28	Response to Hornborg et al.. <i>Ecological Economics</i> , 2015 , 119, 419	5.6	3
27	The material footprint of nations. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015 , 112, 6271-6	11.5	834
26	The footprint of using metals: new metrics of consumption and productivity. <i>Environmental Economics and Policy Studies</i> , 2015 , 17, 369-388	2.2	27
25	Global Supply Chains of Coltan. <i>Journal of Industrial Ecology</i> , 2015 , 19, 357-365	7.2	40
24	A NON-SIGN-PRESERVING RAS VARIANT. <i>Economic Systems Research</i> , 2014 , 26, 197-208	2.1	11
23	International trade undermines national emission reduction targets: New evidence from air pollution. <i>Global Environmental Change</i> , 2014 , 24, 52-59	10.1	218
22	How severe space weather can disrupt global supply chains. <i>Natural Hazards and Earth System Sciences</i> , 2014 , 14, 2749-2759	3.9	47
21	CONVERGENCE BETWEEN THE EORA, WIOD, EXIOBASE, AND OPENEUS CONSUMPTION-BASED CARBON ACCOUNTS. <i>Economic Systems Research</i> , 2014 , 26, 245-261	2.1	172
20	INVESTIGATING ALTERNATIVE APPROACHES TO HARMONISE MULTI-REGIONAL INPUT-OUTPUT DATA. <i>Economic Systems Research</i> , 2014 , 26, 354-385	2.1	26
19	Compiling and using input-output frameworks through collaborative virtual laboratories. <i>Science of the Total Environment</i> , 2014 , 485-486, 241-251	10.2	129
18	The inequality footprints of nations: a novel approach to quantitative accounting of income inequality. <i>PLoS ONE</i> , 2014 , 9, e110881	3.7	41

17	Does ecologically unequal exchange occur?. <i>Ecological Economics</i> , 2013 , 89, 177-186	5.6	99
16	International trade of scarce water. <i>Ecological Economics</i> , 2013 , 94, 78-85	5.6	288
15	BUILDING EORA: A GLOBAL MULTI-REGION INPUT-OUTPUT DATABASE AT HIGH COUNTRY AND SECTOR RESOLUTION. <i>Economic Systems Research</i> , 2013 , 25, 20-49	2.1	761
14	The Eora MRIO. <i>Journal of Life Cycle Assessment Japan</i> , 2013 , 9, 97-100	0.1	
13	Structural Change and the Environment. <i>Journal of Industrial Ecology</i> , 2012 , 16, 623-635	7.2	10
12	Mapping the structure of the world economy. <i>Environmental Science & Technology</i> , 2012 , 46, 8374-810.3	10.3	575
11	Frameworks for comparing emissions associated with production, consumption, and international trade. <i>Environmental Science & Technology</i> , 2012 , 46, 172-9	10.3	160
10	International trade drives biodiversity threats in developing nations. <i>Nature</i> , 2012 , 486, 109-12	50.4	686
9	A CYCLING METHOD FOR CONSTRUCTING INPUT-OUTPUT TABLE TIME SERIES FROM INCOMPLETE DATA. <i>Economic Systems Research</i> , 2012 , 24, 413-432	2.1	12
8	A research agenda for improving national Ecological Footprint accounts. <i>Ecological Economics</i> , 2009 , 68, 1991-2007	5.6	180
7	Interpretation and application of the Ecological Footprint: A reply to Fiala (2008). <i>Ecological Economics</i> , 2009 , 68, 929-930	5.6	21
6	Trading spaces: Calculating embodied Ecological Footprints in international trade using a Product Land Use Matrix (PLUM). <i>Ecological Economics</i> , 2009 , 68, 1938-1951	5.6	50
5	Measuring sustainable development [Nation by nation]. <i>Ecological Economics</i> , 2008 , 64, 470-474	5.6	225
4	The Ecological Footprint of cities and regions: comparing resource availability with resource demand. <i>Environment and Urbanization</i> , 2006 , 18, 103-112	3.7	149
3	Using Ecological Footprint accounts: from analysis to applications. <i>International Journal of Environment and Sustainable Development</i> , 2004 , 3, 293	1.3	23
2	How severe Space Weather can disrupt global supply chains		3
1	Entropy-based Chinese city-level MRIO table framework. <i>Economic Systems Research</i> , 1-26	2.1	8