Richard S J Tol

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/6229669/publications.pdf Version: 2024-02-01



#	Article	IF	CITATIONS
1	Considering the energy, water and food nexus: Towards an integrated modelling approach. Energy Policy, 2011, 39, 7896-7906.	8.8	990
2	Indicators for social and economic coping capacity—moving toward a working definition of adaptive capacity. Global Environmental Change, 2002, 12, 25-40.	7.8	895
3	Coastal flood damage and adaptation costs under 21st century sea-level rise. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 3292-3297.	7.1	878
4	The Economic Effects of Climate Change. Journal of Economic Perspectives, 2009, 23, 29-51.	5.9	860
5	The marginal damage costs of carbon dioxide emissions: an assessment of the uncertainties. Energy Policy, 2005, 33, 2064-2074.	8.8	654
6	Estimates of the Damage Costs of Climate Change. Part 1: Benchmark Estimates. Environmental and Resource Economics, 2002, 21, 47-73.	3.2	556
7	Sea-level rise and its possible impacts given a †beyond 4°C world' in the twenty-first century. Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences, 2011, 369, 161-181.	3.4	451
8	The Economic Impacts of Climate Change. Review of Environmental Economics and Policy, 2018, 12, 4-25.	7.0	403
9	Weathering climate change: some simple rules to guide adaptation decisions. Ecological Economics, 1999, 30, 67-78.	5.7	391
10	Estimates of the Damage Costs of Climate Change, Part II. Dynamic Estimates. Environmental and Resource Economics, 2002, 21, 135-160.	3.2	359
11	Determining Benefits and Costs for Future Generations. Science, 2013, 341, 349-350.	12.6	307
12	Impact of Climate on Tourist Demand. Climatic Change, 2002, 55, 429-449.	3.6	301
13	The Direct Impact of Climate Change on Regional Labor Productivity. Archives of Environmental and Occupational Health, 2009, 64, 217-227.	1.4	293
14	The damage costs of climate change toward more comprehensive calculations. Environmental and Resource Economics, 1995, 5, 353-374.	3.2	285
15	Climate change and international tourism: A simulation study. Global Environmental Change, 2005, 15, 253-266.	7.8	282
16	On climate change and economic growth. Resources and Energy Economics, 2005, 27, 1-17.	2.5	262
17	Evaluating the costs of desalination and water transport. Water Resources Research, 2005, 41, .	4.2	245
18	Impacts and responses to sea-level rise: a global analysis of the SRES scenarios over the twenty-first century. Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences, 2006, 364, 1073-1095.	3.4	240

#	Article	IF	CITATIONS
19	The Social Cost of Carbon: Trends, Outliers and Catastrophes. Economics, 2008, 2, .	0.6	236
20	Economy-wide estimates of the implications of climate change: Human health. Ecological Economics, 2006, 58, 579-591.	5.7	222
21	A New Global Coastal Database for Impact and Vulnerability Analysis to Sea-Level Rise. Journal of Coastal Research, 2008, 244, 917-924.	0.3	221
22	Adaptation and mitigation: trade-offs in substance and methods. Environmental Science and Policy, 2005, 8, 572-578.	4.9	216
23	A general equilibrium analysis of climate change impacts on tourism. Tourism Management, 2006, 27, 913-924.	9.8	216
24	Climate change impacts on global agriculture. Climatic Change, 2013, 120, 357-374.	3.6	214
25	Mediterranean UNESCO World Heritage at risk from coastal flooding and erosion due to sea-level rise. Nature Communications, 2018, 9, 4161.	12.8	204
26	The economic impact of more sustainable water use in agriculture: A computable general equilibrium analysis. Journal of Hydrology, 2010, 384, 292-305.	5.4	197
27	A global analysis of erosion of sandy beaches and sea-level rise: An application of DIVA. Global and Planetary Change, 2013, 111, 150-158.	3.5	197
28	A global economic assessment of city policies to reduce climate change impacts. Nature Climate Change, 2017, 7, 403-406.	18.8	187
29	Should Governments Use a Declining Discount Rate in Project Analysis?. Review of Environmental Economics and Policy, 2014, 8, 145-163.	7.0	186
30	Distributional aspects of climate change impacts. Global Environmental Change, 2004, 14, 259-272.	7.8	184
31	AD-DICE: an implementation of adaptation in the DICE model. Climatic Change, 2009, 95, 63-81.	3.6	183
32	Climate change and violent conflict in Europe over the last millennium. Climatic Change, 2010, 99, 65-79.	3.6	182
33	One effect to rule them all? A comment on climate and conflict. Climatic Change, 2014, 127, 391-397.	3.6	181
34	The distributional implications of a carbon tax in Ireland. Energy Policy, 2009, 37, 407-412.	8.8	178
35	The Aggregation of Climate Change Damages: a Welfare Theoretic Approach. Environmental and Resource Economics, 1997, 10, 249-266.	3.2	174
36	On the optimal control of carbon dioxide emissions: an application of FUND. Environmental Modeling and Assessment, 1997, 2, 151-163.	2.2	170

#	Article	IF	CITATIONS
37	The economic impact of restricted water supply: A computable general equilibrium analysis. Water Research, 2007, 41, 1799-1813.	11.3	170
38	Economy-wide Estimates of the Implications of Climate Change: Sea Level Rise. Environmental and Resource Economics, 2007, 37, 549-571.	3.2	169
39	Is the Uncertainty about Climate Change too Large for Expected Cost-Benefit Analysis?. Climatic Change, 2003, 56, 265-289.	3.6	167
40	Equity weighting and the marginal damage costs of climate change. Ecological Economics, 2009, 68, 836-849.	5.7	166
41	The Social Cost of Carbon. Annual Review of Resource Economics, 2011, 3, 419-443.	3.7	159
42	Effects of climate change on international tourism. Climate Research, 2005, 29, 245-254.	1.1	153
43	The Impact of Climate on Holiday Destination Choice. Climatic Change, 2006, 76, 389-406.	3.6	148
44	Estimates of the Economic Effects of Sea Level Rise. , 2001, 19, 113-129.		146
45	The scope for adaptation to climate change: what can we learn from the impact literature?. Global Environmental Change, 1998, 8, 109-123.	7.8	144
46	The weakest link hypothesis for adaptive capacity: An empirical test. Global Environmental Change, 2007, 17, 218-227.	7.8	141
47	THE EU 20/20/2020 targets: An overview of the EMF22 assessment. Energy Economics, 2009, 31, S268-S273.	12.1	135
48	The uncertainty about the social cost of carbon: A decomposition analysis using fund. Climatic Change, 2013, 117, 515-530.	3.6	133
49	Equitable cost-benefit analysis of climate change policies. Ecological Economics, 2001, 36, 71-85.	5.7	132
50	Economic impacts of climate change in Europe: sea-level rise. Climatic Change, 2012, 112, 63-81.	3.6	126
51	Towards Successful Adaptation to Sea-Level Rise along Europe's Coasts. Journal of Coastal Research, 2008, 242, 432-442.	0.3	120
52	Assessing risk of and adaptation to sea-level rise in the European Union: an application of DIVA. Mitigation and Adaptation Strategies for Global Change, 2010, 15, 703-719.	2.1	120
53	Opportunities for advances in climate change economics. Science, 2016, 352, 292-293.	12.6	117
54	The impact of climate change on tourism in Germany, the UK and Ireland: a simulation study. Regional Environmental Change, 2007, 7, 161-172.	2.9	115

#	Article	IF	CITATIONS
55	Marginal abatement costs of greenhouse gas emissions: A meta-analysis. Energy Policy, 2009, 37, 1395-1403.	8.8	115
56	The Marginal Damage Costs of Different Greenhouse Gases: An Application of FUND. Economics, 2014, 8, .	0.6	115
57	The Stern Review: Implications for Climate Change. Environment, 2007, 49, 36-43.	1.4	111
58	The impact of a carbon tax on international tourism. Transportation Research, Part D: Transport and Environment, 2007, 12, 129-142.	6.8	111
59	Economic losses from US hurricanes consistent with an influence from climate change. Nature Geoscience, 2015, 8, 880-884.	12.9	110
60	The Marginal Costs of Greenhouse Gas Emissions. Energy Journal, 1999, 20, 61-81.	1.7	110
61	Targets for global climate policy: An overview. Journal of Economic Dynamics and Control, 2013, 37, 911-928.	1.6	109
62	A meta-analysis of forest recreation values in Europe. Journal of Forest Economics, 2009, 15, 109-130.	0.2	108
63	Economywide impacts of climate change on agriculture in Sub-Saharan Africa. Ecological Economics, 2013, 93, 150-165.	5.7	105
64	State responsibility and compensation for climate change damages—a legal and economic assessment. Energy Policy, 2004, 32, 1109-1130.	8.8	104
65	Economic costs of ocean acidification: a look into the impacts on global shellfish production. Climatic Change, 2012, 113, 1049-1063.	3.6	104
66	Vulnerability of the Netherlands and Northwest Europe to Storm Damage under Climate Change. Climatic Change, 1999, 43, 513-535.	3.6	103
67	The damage costs of climate change towards a dynamic representation. Ecological Economics, 1996, 19, 67-90.	5.7	100
68	Discounting and the social cost of carbon: a closer look at uncertainty. Environmental Science and Policy, 2006, 9, 205-216.	4.9	100
69	The Impact of Climate Change on Domestic and International Tourism: A Simulation Study. SSRN Electronic Journal, 2006, , .	0.4	95
70	An estimate of the value of lost load for Ireland. Energy Policy, 2011, 39, 1514-1520.	8.8	95
71	The impact of the UK aviation tax on carbon dioxide emissions and visitor numbers. Transport Policy, 2007, 14, 507-513.	6.6	93
72	The economic impact of substantial sea-level rise. Mitigation and Adaptation Strategies for Global Change, 2010, 15, 321-335.	2.1	91

#	Article	IF	CITATIONS
73	Rational (successive) h-indices: An application to economics in the Republic of Ireland. Scientometrics, 2008, 75, 395-405.	3.0	90
74	On international equity weights and national decision making on climate change. Journal of Environmental Economics and Management, 2010, 60, 14-20.	4.7	89
75	Global estimates of the impact of a collapse of the West Antarctic ice sheet: an application of FUND. Climatic Change, 2008, 91, 171-191.	3.6	88
76	The value of the high Aswan Dam to the Egyptian economy. Ecological Economics, 2008, 66, 117-126.	5.7	88
77	Energy-using appliances and energy-saving features: Determinants of ownership in Ireland. Applied Energy, 2008, 85, 650-662.	10.1	86
78	Water scarcity and the impact of improved irrigation management: a computable general equilibrium analysis. Agricultural Economics (United Kingdom), 2011, 42, 305-323.	3.9	86
79	Spatial and Temporal Efficiency in Climate Policy: Applications of FUND. , 1999, 14, 33-49.		85
80	The Relevance of Participatory Approaches in Integrated Environmental Assessment. Integrated Assessment: an International Journal, 2001, 2, 57-72.	0.8	84
81	Emission abatement versus development as strategies to reduce vulnerability to climate change: an application of FUND. Environment and Development Economics, 2005, 10, 615-629.	1.5	84
82	The double trade-off between adaptation and mitigation for sea level rise: an application of FUND. Mitigation and Adaptation Strategies for Global Change, 2007, 12, 741-753.	2.1	84
83	Counting only the hits? The risk of underestimating the costs of stringent climate policy. Climatic Change, 2010, 100, 769-778.	3.6	83
84	Understanding Long-Term Energy Use and Carbon Dioxide Emissions in the USA. Journal of Policy Modeling, 2009, 31, 425-445.	3.1	82
85	Climate change and agriculture: Impacts and adaptation options in South Africa. Water Resources and Economics, 2014, 5, 24-48.	2.2	82
86	Weather, Climate and Total Factor Productivity. Environmental and Resource Economics, 2019, 73, 283-305.	3.2	82
87	Welfare specifications and optimal control of climate change: an application of fund. Energy Economics, 2002, 24, 367-376.	12.1	81
88	Climate change costs. Energy Policy, 1996, 24, 665-673.	8.8	80
89	Risk aversion, time preference, and the social cost of carbon. Environmental Research Letters, 2009, 4, 024002.	5.2	80
90	Disasters and development: natural disasters, credit constraints, and economic growth. Oxford Economic Papers, 2014, 66, 750-773.	1.2	79

#	Article	IF	CITATIONS
91	A Bayesian Statistical Analysis of the Enhanced Greenhouse Effect. , 1998, 38, 87-112.		78
92	A social cost of carbon for (almost) every country. Energy Economics, 2019, 83, 555-566.	12.1	78
93	The h-index and its alternatives: An application to the 100 most prolific economists. Scientometrics, 2009, 80, 317-324.	3.0	73
94	Economy-wide impacts of climate change: a joint analysis for sea level rise and tourism. Mitigation and Adaptation Strategies for Global Change, 2008, 13, 765-791.	2.1	72
95	A cost–benefit analysis of the EU 20/20/2020 package. Energy Policy, 2012, 49, 288-295.	8.8	72
96	Impact of natural disasters on income inequality in Sri Lanka. World Development, 2018, 105, 217-230.	4.9	71
97	Adaptation to Five Metres of Sea Level Rise. Journal of Risk Research, 2006, 9, 467-482.	2.6	69
98	Europe's long-term climate target: A critical evaluation. Energy Policy, 2007, 35, 424-432.	8.8	69
99	Climate Policy & amp; Corporate Behavior. Energy Journal, 2011, 32, 51-68.	1.7	68
100	The European Forum on Integrated Environmental Assessment. Environmental Modeling and Assessment, 1998, 3, 181-191.	2.2	67
101	Vector-Borne Diseases, Development & Climate Change. Integrated Assessment: an International Journal, 2001, 2, 173-181.	0.8	67
102	Implications of desalination for water resources in China $\hat{a} \in$ " an economic perspective. Desalination, 2004, 164, 225-240.	8.2	66
103	On the representation of impact in integrated assessment models of climate change. Environmental Modeling and Assessment, 1998, 3, 63-74.	2.2	65
104	Scenarios of carbon dioxide emissions from aviation. Global Environmental Change, 2010, 20, 65-73.	7.8	64
105	Economic growth and carbon dioxide emissions: An analysis of Latin America and the Caribbean. Atmosfera, 2017, 30, 87-100.	0.8	63
106	Damage costs of climate change through intensification of tropical cyclone activities: an application of FUND. Climate Research, 2009, 39, 87-97.	1.1	63
107	The damage costs of climate change: a note on tangibles and intangibles, applied to DICE. Energy Policy, 1994, 22, 436-438.	8.8	62
108	The impact of European climate change regulations on international tourist markets. Transportation Research, Part D: Transport and Environment, 2010, 15, 26-36.	6.8	60

#	Article	IF	CITATIONS
109	Possible economic impacts of a shutdown of the thermohaline circulation: an application of FUND. Portuguese Economic Journal, 2004, 3, 99.	1.0	59
110	How Overconfident are Current Projections of Anthropogenic Carbon Dioxide Emissions?. SSRN Electronic Journal, 0, , .	0.4	59
111	A rational, successive g-index applied to economics departments in Ireland. Journal of Informetrics, 2008, 2, 149-155.	2.9	58
112	On the Uncertainty About the Total Economic Impact of Climate Change. Environmental and Resource Economics, 2012, 53, 97-116.	3.2	58
113	Equity Weighting and the Marginal Damage Costs of Climate Change. SSRN Electronic Journal, 2007, , .	0.4	57
114	Extensions and alternatives to climate change impact valuation: on the critique of IPCC Working Group III's impact estimates. Environment and Development Economics, 1998, 3, 59-81.	1.5	56
115	Evaluating Global Warming Potentials with historical temperature. Climatic Change, 2009, 96, 443-466.	3.6	56
116	The Impact of Climate Change on the Balanced Growth Equivalent: An Application of FUND. Environmental and Resource Economics, 2009, 43, 351-367.	3.2	56
117	THE ECONOMIC IMPACT OF OCEAN ACIDIFICATION ON CORAL REEFS. Climate Change Economics, 2012, 03, 1250002.	5.0	56
118	A unifying framework for metrics for aggregating the climate effect of different emissions. Environmental Research Letters, 2012, 7, 044006.	5.2	55
119	The Stern Review of the Economics of Climate Change: A Comment. Energy and Environment, 2006, 17, 977-981.	4.6	54
120	Why Worry about Climate Change? A Research Agenda. Environmental Values, 2008, 17, 437-470.	1.2	53
121	The Economic Impact of Climate Change. Perspektiven Der Wirtschaftspolitik, 2010, 11, 13-37.	0.4	52
122	Predicting tourism flows under climate change. Climatic Change, 2006, 79, 175-180.	3.6	51
123	On International Equity Weights and National Decision Making on Climate Change. SSRN Electronic Journal, 0, , .	0.4	51
124	The impact of a carbon tax on economic growth and carbon dioxide emissions in Ireland. Journal of Environmental Planning and Management, 2013, 56, 934-952.	4.5	50
125	Correction and Update: The Economic Effects of Climate Change. Journal of Economic Perspectives, 2014, 28, 221-226.	5.9	50
126	Time Discounting and Optimal Emission Reduction: An Application of FUND. Climatic Change, 1999, 41, 351-362.	3.6	49

#	Article	IF	CITATIONS
127	A Concise History of Dutch River Floods. , 2000, 46, 357-369.		47
128	Adapting to Climate: A Case Study on Riverine Flood Risks in the Netherlands. Risk Analysis, 2003, 23, 575-583.	2.7	47
129	Triple dividends of water consumption charges in South Africa. Water Resources Research, 2007, 43, .	4.2	47
130	Economic costs of extratropical storms under climate change: an application of FUND. Journal of Environmental Planning and Management, 2010, 53, 371-384.	4.5	47
131	How Should Benefits and Costs Be Discounted in an Intergenerational Context? The Views of an Expert Panel. SSRN Electronic Journal, 0, , .	0.4	46
132	Trade Liberalization and Climate Change: A Computable General Equilibrium Analysis of the Impacts on Global Agriculture. Water (Switzerland), 2011, 3, 526-550.	2.7	45
133	Civil war, climate change, and development: A scenario study for sub-Saharan Africa. Journal of Peace Research, 2012, 49, 129-145.	2.9	45
134	WTO must ban harmful fisheries subsidies. Science, 2021, 374, 544-544.	12.6	45
135	Infectious disease, development, and climate change: a scenario analysis. Environment and Development Economics, 2007, 12, 687-706.	1.5	43
136	Autoregressive conditional heteroscedasticity in daily temperature measurements. Environmetrics, 1996, 7, 67-75.	1.4	42
137	Unilateral regulation of bilateral trade in greenhouse gas emission permits. Ecological Economics, 2005, 54, 397-416.	5.7	42
138	A Methodology for Modeling Coastal Space for Global Assessment. Journal of Coastal Research, 2007, 234, 911-920.	0.3	42
139	The structure of the climate debate. Energy Policy, 2017, 104, 431-438.	8.8	42
140	The economic impact of climate change in the 20th and 21st centuries. Climatic Change, 2013, 117, 795-808.	3.6	41
141	Greenhouse statistics-time series analysis. Theoretical and Applied Climatology, 1993, 48, 63-74.	2.8	40
142	Autoregressive Conditional Heteroscedasticity in daily wind speed measurements. Theoretical and Applied Climatology, 1997, 56, 113-122.	2.8	38
143	A global database of domestic and international tourist numbers at national and subnational level. International Journal of Tourism Research, 2007, 9, 147-174.	3.7	37
144	The impact of tax reform on new car purchases in Ireland. Energy Policy, 2011, 39, 7059-7067.	8.8	37

#	Article	IF	CITATIONS
145	Climate Coalitions in an Integrated Assessment Model. Computational Economics, 2001, 18, 159-172.	2.6	36
146	<scp>Toward Farsightedly Stable International Environmental Agreements</scp> . Journal of Public Economic Theory, 2009, 11, 455-492.	1.1	36
147	Credit where credit's due: accounting for co-authorship in citation counts. Scientometrics, 2011, 89, 291-299.	3.0	36
148	Kyoto, Efficiency, and Cost-Effectiveness: Applications of FUND. Energy Journal, 1999, 20, 131-156.	1.7	35
149	Constructing "not Implausible―Climate and Economic Scenarios for Egypt. Integrated Assessment: an International Journal, 2001, 2, 139-157.	0.8	34
150	Temperature shocks, short-term growth and poverty thresholds: Evidence from rural Tanzania. World Development, 2018, 112, 13-32.	4.9	34
151	Equity, international trade and climate policy. International Environmental Agreements: Politics, Law and Economics, 2002, 2, 23-48.	2.9	33
152	The Case of two Self-Enforcing International Agreements for Environmental Protection with Asymmetric Countries. Computational Economics, 2010, 36, 93-119.	2.6	33
153	Infinite uncertainty, forgotten feedbacks, and cost-benefit analysis of climate policy. Climatic Change, 2007, 83, 429-442.	3.6	32
154	Safe policies in an uncertain climate: an application of FUND. Global Environmental Change, 1999, 9, 221-232.	7.8	31
155	The Social Cost of Carbon: Trends, Outliers and Catastrophes. SSRN Electronic Journal, 0, , .	0.4	31
156	Climate, development and malaria: an application of FUND. Climatic Change, 2008, 88, 21-34.	3.6	31
157	The Stern Review and the economics of climate change: an editorial essay. Climatic Change, 2008, 89, 231-240.	3.6	31
158	The Matthew effect defined and tested for the 100 most prolific economists. Journal of the Association for Information Science and Technology, 2009, 60, 420-426.	2.6	31
159	Optimal interconnection and renewable targets for north-west Europe. Energy Policy, 2012, 51, 605-617.	8.8	31
160	The economic impact of water taxes: a computable general equilibrium analysis with an international data set. Water Policy, 2008, 10, 259-271.	1.5	30
161	Does the Housing Market Reflect Cultural Heritage? A Case Study of Greater Dublin. Environment and Planning A, 2013, 45, 2884-2903.	3.6	30
162	Quantifying the consensus on anthropogenic global warming in the literature: A re-analysis. Energy Policy, 2014, 73, 701-705.	8.8	30

#	Article	IF	CITATIONS
163	Climate change and insurance: a critical appraisal. Energy Policy, 1998, 26, 257-262.	8.8	29
164	Games of Climate Change with International Trade. Environmental and Resource Economics, 2004, 28, 209-232.	3.2	28
165	Exchange Rates and Climate Change: An Application of Fund. Climatic Change, 2006, 75, 59-80.	3.6	28
166	The Stern Review: A deconstruction. Energy Policy, 2009, 37, 1032-1040.	8.8	27
167	Holiday destinations: Understanding the travel choices of Irish tourists. Tourism Management, 2009, 30, 683-692.	9.8	27
168	Regulating knowledge monopolies: the case of the IPCC. Climatic Change, 2011, 108, 827-839.	3.6	27
169	Climate policy under fat-tailed risk: an application of FUND. Annals of Operations Research, 2014, 220, 223-237.	4.1	27
170	Methane Emission Reduction: An Application of FUND. Climatic Change, 2003, 57, 71-98.	3.6	25
171	Socioeconomic distribution of emissions and resource use in Ireland. Journal of Environmental Management, 2012, 112, 186-198.	7.8	25
172	Climate Policy Under Fat-Tailed Risk: An Application of Dice. Environmental and Resource Economics, 2013, 56, 415-436.	3.2	25
173	Economy-Wide Estimates of the Implications of Climate Change: A Joint Analysis for Sea Level Rise and Tourism. SSRN Electronic Journal, 0, , .	0.4	25
174	Optimal CO2-abatement with Socio-economic Inertia and Induced Technological Change. Energy Journal, 2006, 27, 25-60.	1.7	25
175	Discounting for Climate Change. Economics, 2009, 3, .	0.6	24
176	Global costs of protecting against sea-level rise at 1.5 to 4.0°C. Climatic Change, 2021, 167, 1.	3.6	24
177	Multi-Gas Emission Reduction for Climate Change Policy: An Application of Fund. Energy Journal, 2006, 27, 235-250.	1.7	24
178	On dual-rate discounting. Economic Modelling, 2004, 21, 95-98.	3.8	23
179	REBUILDING THE EASTERN BALTIC COD STOCK UNDER ENVIRONMENTAL CHANGE–A PRELIMINARY APPROACH USING STOCK, ENVIRONMENTAL, AND MANAGEMENT CONSTRAINTS. Natural Resource Modelling, 2007, 20, 223-262.	2.0	23
180	Risk–return incentives in liberalised electricity markets. Energy Economics, 2013, 40, 598-608.	12.1	23

#	Article	IF	CITATIONS
181	The effect of learning on climate policy under fat-tailed risk. Resources and Energy Economics, 2017, 48, 1-18.	2.5	23
182	Technical efficiency of small-scale fishing households in Tanzanian coastal villages: an empirical analysis. African Journal of Aquatic Science, 2007, 32, 51-61.	1.1	22
183	Intra-union flexibility of non-ETS emission reduction obligations in the European Union. Energy Policy, 2009, 37, 1745-1752.	8.8	22
184	Impact of Natural Disasters on Financial Development. Economics of Disasters and Climate Change, 2017, 1, 33-54.	2.2	22
185	Post-2012 climate policy dilemmas: a review of proposals. Climate Policy, 2008, 8, 317-336.	5.1	21
186	Green growth. Intereconomics, 2012, 47, 140-164.	2.2	21
187	The potential of water markets to allocate water between industry, agriculture, and public water utilities as an adaptation mechanism to climate change. Mitigation and Adaptation Strategies for Global Change, 2017, 22, 325-347.	2.1	21
188	Environmental applications of the Coase Theorem. Environmental Science and Policy, 2021, 120, 81-88.	4.9	21
189	Benefits of a Reallocation of Nitrate Emission Reductions in the Rhine River Basin. , 2001, 18, 19-41.		20
190	Decision making under catastrophic risk and learning: the case of the possible collapse of the West Antarctic Ice Sheet. Climatic Change, 2008, 91, 193-209.	3.6	20
191	Simulating demand for electric vehicles using revealed preference data. Energy Policy, 2013, 62, 686-696.	8.8	20
192	Shutting Down the Thermohaline Circulation. American Economic Review, 2016, 106, 602-606.	8.5	20
193	The Impact of Trade Liberalization on Water Use: A Computable General Equilibrium Analysis. Journal of Economic Integration, 2008, 23, 631-655.	1.2	20
194	Testing the implications of a permanent or seasonal marine reserve on the population dynamics of Eastern Baltic cod under varying environmental conditions. Fisheries Research, 2007, 85, 1-13.	1.7	19
195	The feasibility of low concentration targets: An application of FUND. Energy Economics, 2009, 31, S121-S130.	12.1	19
196	INTERNATIONAL INEQUITY AVERSION AND THE SOCIAL COST OF CARBON. Climate Change Economics, 2010, 01, 21-32.	5.0	19
197	Assessing the impact of biodiversity on tourism flows: an econometric model for tourist behaviour with implications for conservation policy. Journal of Environmental Economics and Policy, 2012, 1, 174-194.	2.5	19
198	Decomposition of sectoral greenhouse gas emissions: a subsystem input-output model for the Republic of Ireland. Journal of Environmental Planning and Management, 2013, 56, 1316-1331.	4.5	19

#	Article	IF	CITATIONS
199	The persistence of shocks in GDP and the estimation of the potential economic costs of climate change. Environmental Modelling and Software, 2015, 69, 155-165.	4.5	19
200	Greenhouse statistics ? time series analysis: Part II. Theoretical and Applied Climatology, 1994, 49, 91-102.	2.8	18
201	The impact of the EU–US Open Skies agreement on international travel and carbon dioxide emissions. Journal of Air Transport Management, 2008, 14, 1-7.	4.5	18
202	KLUM@GTAP: Introducing Biophysical Aspects of Land-Use Decisions into a Computable General Equilibrium Model a Coupling Experiment. Environmental Modeling and Assessment, 2009, 14, 149-168.	2.2	18
203	The cost of natural gas shortages in Ireland. Energy Policy, 2012, 46, 153-169.	8.8	18
204	The Matthew effect for cohorts of economists. Journal of Informetrics, 2013, 7, 522-527.	2.9	18
205	THE IMPACTS OF CLIMATE CHANGE ACCORDING TO THE IPCC. Climate Change Economics, 2016, 07, 1640004.	5.0	18
206	The distributional impact of climate change. Annals of the New York Academy of Sciences, 2021, 1504, 63-75.	3.8	18
207	Harsh climate promotes harsh governance (except in cold-dry-wealthy environments). Climate Research, 2014, 61, 19-28.	1.1	18
208	Estimation of the economic impact of temperature changes induced by a shutdown of the thermohaline circulation: an application of FUND. Climatic Change, 2011, 104, 287-304.	3.6	17
209	Ocean carbon sinks and international climate policy. Energy Policy, 2006, 34, 3516-3526.	8.8	16
210	Carbon dioxide emission scenarios for the USA. Energy Policy, 2007, 35, 5310-5326.	8.8	16
211	Comment on â€~Quantifying the consensus on anthropogenic global warming in the scientific literature'. Environmental Research Letters, 2016, 11, 048001.	5.2	16
212	Population and trends in the global mean temperature. Atmosfera, 2017, 30, 121-135.	0.8	16
213	Economic impacts on key Barents Sea fisheries arising from changes in the strength of the Atlantic thermohaline circulation. Global Environmental Change, 2009, 19, 422-433.	7.8	15
214	Policy Brief—Leaving an Emissions Trading Scheme: Implications for the United Kingdom and the European Union. Review of Environmental Economics and Policy, 2018, 12, 183-189.	7.0	15
215	Economy-Wide Estimates of the Implications of Climate Change: Sea Level Rise. SSRN Electronic Journal, 2004, , .	0.4	14
216	A General Equilibrium Analysis of Climate Change Impacts on Tourism. SSRN Electronic Journal, 2004, ,	0.4	14

11

#	Article	IF	CITATIONS
217	The Effect of Climate Change and Extreme Weather Events on Tourism. SSRN Electronic Journal, 2005, ,	0.4	14
218	Clobal economic impacts of climate variability and change during the 20th century. PLoS ONE, 2017, 12, e0172201.	2.5	14
219	Equitable Cost-Benefit Analysis of Climate Change. , 2000, , 273-290.		14
220	Europe's Climate Target for 2050: An Assessment. Intereconomics, 2021, 56, 330-335.	2.2	14
221	Some economic considerations on the importance of proactive integrated coastal zone management. Ocean and Coastal Management, 1996, 32, 39-55.	4.4	13
222	On Setting Near-Term Climate Policy While the Dust Begins to Settle. Energy and Environment, 2007, 18, 621-633.	4.6	13
223	AD-DICE: An Implementation of Adaptation in the DICE Mode. SSRN Electronic Journal, 0, , .	0.4	13
224	Economy-wide estimates of the implications of climate change – a rejoinder. Ecological Economics, 2008, 66, 14-15.	5.7	13
225	Shapley values for assessing research production and impact of schools and scholars. Scientometrics, 2012, 90, 763-780.	3.0	13
226	WATER SCARCITY FROM CLIMATE CHANGE AND ADAPTATION RESPONSE IN AN INTERNATIONAL RIVER BASIN CONTEXT. Climate Change Economics, 2015, 06, 1550004.	5.0	13
227	Game theoretic analyses of nitrate emission reduction strategies in the Rhine river basin. International Journal of Global Environmental Issues, 2003, 3, 74.	0.1	12
228	Convergence of consumption patterns during macroeconomic transition: A model of demand in Ireland and the OECD. Economic Modelling, 2009, 26, 702-714.	3.8	12
229	EU climate change policy 2013–2020: Using the Clean Development Mechanism more effectively in the non-EU-ETS Sector. Energy Policy, 2010, 38, 7466-7475.	8.8	12
230	Climate policy with Bentham–Rawls preferences. Economics Letters, 2013, 118, 424-428.	1.9	12
231	The Economic Impact of the South-North Water Transfer Project in China: A Computable General Equilibrium Analysis. SSRN Electronic Journal, 2006, , .	0.4	11
232	Intra- and extra-union flexibility in meeting the European Union's emission reduction targets. Energy Policy, 2009, 37, 4329-4336.	8.8	11
233	Climate damages in the FUND model: A comment. Ecological Economics, 2012, 81, 42.	5.7	11

234 Key Economic Sectors and Services. , 0, , 659-708.

#	Article	IF	CITATIONS
235	An emission intensity protocol for climate change: an application of FUND. Climate Policy, 2005, 4, 269-287.	5.1	11
236	On the difference in impact of two almost identical climate change scenarios. Energy Policy, 1998, 26, 13-20.	8.8	10
237	Economic impacts of changes in the population dynamics of fish on the fisheries of the Barents Sea. ICES Journal of Marine Science, 2006, 63, 611-625.	2.5	10
238	The Time Evolution of the Social Cost of Carbon: An Application of Fund. SSRN Electronic Journal, 0, , .	0.4	10
239	Probabilistic projections of baseline twenty-first century CO2 emissions using a simple calibrated integrated assessment model. Climatic Change, 2022, 170, 37.	3.6	10
240	Short-term decisions under long-term uncertainty. Energy Economics, 1998, 20, 557-569.	12.1	9
241	A no cap but trade proposal for emission targets. Climate Policy, 2008, 8, 293-304.	5.1	9
242	Aviation and the environment in the context of the EU–US Open Skies agreement. Journal of Air Transport Management, 2009, 15, 90-95.	4.5	9
243	Carbon Dioxide Mitigation. , 2010, , 74-113.		9
244	Bootstraps for Meta-Analysis with an Application to the Impact of Climate Change. Computational Economics, 2015, 46, 287-303.	2.6	9
245	Fat-tailed risk about climate change and climate policy. Energy Policy, 2016, 89, 25-35.	8.8	9
246	Schelling's Conjecture on Climate and Development: A Test. , 2012, , 260-274.		9
247	The Polluter Pays Principle and Cost-Benefit Analysis of Climate Change: An Application of Fund. SSRN Electronic Journal, 2006, , .	0.4	8
248	Future scenarios for emissions need continual adjustment. Nature, 2008, 453, 155-155.	27.8	8
249	The Marginal Damage Costs of Different Greenhouse Gases: An Application of Fund. SSRN Electronic Journal, 2011, , .	0.4	8
250	The potential for segmentation of the retail market for electricity in Ireland. Energy Policy, 2013, 61, 349-359.	8.8	8
251	Technology Diffusion and the Stability of Climate Coalitions. SSRN Electronic Journal, 0, , .	0.4	8
252	Carbon Leakage from the Clean Development Mechanism. Energy Journal, 2011, 32, 27-50.	1.7	8

#	Article	IF	CITATIONS
253	The Optimal Timing of Greenhouse Gas Emission Abatement, Individual Rationality and Intergenerational Equity. SSRN Electronic Journal, 1998, , .	0.4	7
254	Economy-Wide Estimates of the Implications of Climate Change: Human Health. SSRN Electronic Journal, 2005, , .	0.4	7
255	The impact of climate change on tourism and recreation. , 2007, , 147-155.		7
256	Abrupt climate change near the poles. Climatic Change, 2008, 91, 1-4.	3.6	7
257	REBUILDING THE EASTERN BALTIC COD STOCK UNDER ENVIRONMENTAL CHANGE (PART II): TAKING INTO ACCOUNT THE COSTS OF A MARINE PROTECTED AREA. Natural Resource Modelling, 2009, 22, 1-25.	2.0	7
258	Determinants of Water Connection Type and Ownership of Water-Using Appliances in Ireland. Water Resources Management, 2010, 24, 2853-2867.	3.9	7
259	Systematic Sensitivity Analysis of the Full Economic Impacts of Sea Level Rise. Computational Economics, 2019, 53, 1183-1217.	2.6	7
260	Regional and Sectoral Estimates of the Social Cost of Carbon: An Application of Fund. SSRN Electronic Journal, 0, , .	0.4	7
261	Sensitivity analysis with interdependent criteria for multicriteria decision making: The case of soil pollution treatment. Journal of Multi-Criteria Decision Analysis, 1995, 4, 57-70.	1.9	6
262	A Hirsch measure for the quality of research supervision, and an illustration with trade economists. Scientometrics, 2009, 80, 613-624.	3.0	6
263	Does Europe need a comprehensive energy policy?. Intereconomics, 2011, 46, 124-142.	2.2	6
264	Extending integrated assessment models′ damage functions to include adaptation and dynamic sensitivity. Environmental Modelling and Software, 2019, 121, 104504.	4.5	6
265	Benefits of Climate-Change Mitigation for Reducing the Impacts of Sea-Level Rise in G-20 Countries. Journal of Coastal Research, 2019, 35, 884.	0.3	6
266	Why Worry About Climate Change? A Research Agenda. SSRN Electronic Journal, 0, , .	0.4	6
267	Joint implementation and uniform mixing. Energy Policy, 1995, 23, 911-917.	8.8	5
268	The Value of Human Life in Global Warming Impacts – a Comment. , 1998, 3, 87-88.		5
269	Attainability of International Environmental Agreements as a Social Situation. International Environmental Agreements: Politics, Law and Economics, 2004, 4, 253-277.	2.9	5
270	The Economic Impact of Water Taxes: A Computable General Equilibrium Analysis with an International Data Set. SSRN Electronic Journal, 2006, , .	0.4	5

#	Article	IF	CITATIONS
271	Ambiguity Reduction by Objective Model Selection, with an Application to the Costs of the EU 2030 Climate Targets. Energies, 2014, 7, 6886-6896.	3.1	5
272	Comment on â€~The Global Impacts of Extreme Sea-Level Rise: A Comprehensive Economic Assessment'. Environmental and Resource Economics, 2016, 64, 341-344.	3.2	5
273	Effects of sea level rise on economy of the United States. Journal of Environmental Economics and Policy, 2018, 7, 85-115.	2.5	5
274	Discounting for Climate Change. SSRN Electronic Journal, 0, , .	0.4	5
275	On National and International Trade in Greenhouse Gas Emission Permits. SSRN Electronic Journal, 0, , \cdot	0.4	5
276	Economic analysis of domestic, industrial and agricultural water demands in China. Water Science and Technology: Water Supply, 2005, 5, 85-93.	2.1	5
277	Climate Change, the Enhanced Greenhouse Effect and the Influence of the Sun: A Statistical Analysis. Theoretical and Applied Climatology, 1998, 61, 1-7.	2.8	4
278	The Potential Impacts of Climate Change on Europe. Energy and Environment, 1998, 9, 365-381.	4.6	4
279	Kyoto mistakes. International Journal of Environment and Pollution, 1998, 10, 503.	0.2	4
280	Assessing impacts and responses to global-mean sea-level rise. , 2007, , 119-134.		4
281	Biased Policy Advice from the Intergovernmental Panel on Climate Change. Energy and Environment, 2007, 18, 929-936.	4.6	4
282	Public policy towards the sale of state assets in troubled times: Lessons from the Irish experience. Utilities Policy, 2011, 19, 193-201.	4.0	4
283	Economic Impacts of Changes in Fish Population Dynamics: The Role of the Fishermen's Harvesting Strategies. Environmental Modeling and Assessment, 2011, 16, 413-429.	2.2	4
284	Leviathan carbon taxes in the short run. Climatic Change, 2012, 114, 409-415.	3.6	4
285	Estimating the value of lost telecoms connectivity. Electronic Commerce Research and Applications, 2013, 12, 40-51.	5.0	4
286	Active Learning and Optimal Climate Policy. Environmental and Resource Economics, 2019, 73, 1237-1264.	3.2	4
287	Depth and breadth relevance in citation metrics. Economic Inquiry, 2021, 59, 961-977.	1.8	4
288	Economic aspects of global environmental models. Economy & Environment, 1998, , 277-286.	0.3	4

#	Article	IF	CITATIONS
289	Figuring the Costs of Climate Change: A Reply. Environment and Planning A, 1999, 31, 409-411.	3.6	3
290	Fearnside's unified index for time preference: a comment. Ecological Economics, 2002, 41, 33-34.	5.7	3
291	Greener homes: an ex-post estimate of the cost of carbon dioxide emission reduction using administrative micro-data from the Republic of Ireland. Environmental Economics and Policy Studies, 2012, 14, 219-239.	2.0	3
292	Carbon tax: Still the best way forward for climate policy. Intereconomics, 2013, 48, 70-71.	2.2	3
293	Quantifying the consensus on anthropogenic global warming in the literature: Rejoinder. Energy Policy, 2014, 73, 709.	8.8	3
294	TOWARD IMPACT FUNCTIONS FOR STOCHASTIC CLIMATE CHANGE. Climate Change Economics, 2015, 06, 1550015.	5.0	3
295	Distributing Water Between Competing Users in the Netherlands. Advances in Applied General Equilibrium Modeling, 2019, , 159-192.	0.4	3
296	Causal Effects of PetroCaribe on Sustainable Development: A Synthetic Control Analysis. Manchester School, 2020, 88, 156-210.	0.9	3
297	Methodological issues in natural disaster loss normalisation studies. Environmental Hazards, 2021, 20, 112-115.	2.5	3
298	The economic impacts of ocean acidification. , 2014, , .		3
299	Equitable Cost-Benefit Analysis of Climate Change. SSRN Electronic Journal, 0, , .	0.4	3
300	Socio-economic aspects of the greenhouse effect: Climate Fund. Studies in Environmental Science, 1995, 65, 1283-1288.	0.0	2
301	INASUD project findings on integrated assessment of climate policies. Integrated Assessment: an International Journal, 2001, 2, 31-35.	0.8	2
302	Comment on "Valuing or Pricing Natural and Environmental Resources―by Yaoqi Zhang and Yiqing Li, Environmental Science and Policy, 8, 189–190. Environmental Science and Policy, 2005, 8, 187-188.	4.9	2
303	If I Had a Hammer: A Critique of "Analysing Convergence with a Multi-Country Computable General Equilibrium Model: PPP versus MER― Energy and Environment, 2006, 17, 283-286.	4.6	2
304	Estimating historical landfill quantities to predict methane emissions. Atmospheric Environment, 2010, 44, 3901-3906.	4.1	2
305	A GLOBAL ANALYSIS OF COASTAL EROSION OF BEACHES DUE TO SEA-LEVEL RISE: AN APPLICATION OF DIVA., 2011,,.		2
306	Counting only the hits—a rejoinder. Climatic Change, 2013, 121, 139-141.	3.6	2

#	Article	IF	CITATIONS
307	Identifying excellent researchers: A new approach. Journal of Informetrics, 2013, 7, 803-810.	2.9	2
308	The economics of climate change in Mexico: implications for national/regional policy. Climate Policy, 2013, 13, 738-750.	5.1	2
309	Do climate dynamics matter for economics?. Nature Climate Change, 2021, 11, 802-803.	18.8	2
310	Economic Scenarios for Global Change. GKSS School of Environmental Research, 2008, , 17-35.	0.0	2
311	Climate Change: Regulating the Unknown. GKSS School of Environmental Research, 2008, , 37-51.	0.0	2
312	SELFISH BUREAUCRATS AND POLICY HETEROGENEITY IN NORDHAUS' DICE. Climate Change Economics, 2020, 11, 2040006.	5.0	2
313	International Cooperation on Climate Change Adaptation from an Economic Perspective. SSRN Electronic Journal, 0, , .	0.4	2
314	Sustainability and Economics: A Matter of Scale?. Integrated Assessment: an International Journal, 2002, 3, 151-159.	0.8	2
315	On Multi-period Allocation of Tradable Emission Permits. , 2008, , 253-272.		2
316	Rise of the Kniesians: the professor-student network of Nobel laureates in economics. European Journal of the History of Economic Thought, 2022, 29, 680-703.	0.6	2
317	Estimating socio-economic impacts of climate change. Studies in Environmental Science, 1998, 72, 199-221.	0.0	1
318	An emission intensity protocol for climate change: an application of FUND. Climate Policy, 2004, 4, 269-287.	5.1	1
319	The Impact of a Carbon Tax on International Tourism. SSRN Electronic Journal, 2007, , .	0.4	1
320	Critical Issues in Environmental Taxation – International and Comparative Perspectives: Volume IV – Edited by Kurt Deketelaer, Janet E. Milne, Larry Kreiser and Hope Ashiabor. Review of European Community and International Environmental Law, 2008, 17, 135-136.	0.6	1
321	Environmental Taxes Handbook – by Ian Fleming. Review of European Community and International Environmental Law, 2008, 17, 136-136.	0.6	1
322	Sustainable Development in Europe – Concepts, Evaluation and Applications – Edited by Uwe Schubert and Eckhard Stoermer. Review of European Community and International Environmental Law, 2008, 17, 136-137.	0.6	1
323	International climate policy and regional welfare weights. Environmental Science and Policy, 2010, 13, 713-720.	4.9	1
324	THE INAPPROPRIATE TREATMENT OF CLIMATE CHANGE IN COPENHAGEN CONSENSUS 2008. Climate Change Economics, 2010, 01, 135-140.	5.0	1

#	Article	IF	CITATIONS
325	Graciela Chichilnisky (ed): The Economics of Climate Change. Environmental and Resource Economics, 2012, 52, 455-456.	3.2	1
326	Editorial: New data policy. Energy Economics, 2013, 40, 1022.	12.1	1
327	Climate Change: The Economic Impact of Climate Change in the Twentieth and Twenty-First Centuries. , 0, , 117-130.		1
328	Debating climate economics: A response to Ackerman's critique of climate damage modeling. Energy Research and Social Science, 2016, 17, 165-166.	6.4	1
329	On the farsightedly and myopically stable international environmental agreements. Natural Resource Modelling, 2018, 31, .	2.0	1
330	Gender at energy economics. Energy Economics, 2018, 72, 558-559.	12.1	1
331	The Economic Impact of Weather and Climate. SSRN Electronic Journal, 0, , .	0.4	1
332	Negotiating Climate Change as a Social Situation. SSRN Electronic Journal, 0, , .	0.4	1
333	Economics versus Climate Change: A Comment. , 2008, , 217-220.		1
334	Who Benefits and Who Loses from Climate Change?. , 2015, , 1-12.		1
335	Socio-economic and policy aspects of changes in incidence and intensity of extreme weather events. Preliminary results Studies in Environmental Science, 1995, 65, 1377-1380.	0.0	0
336	Economy-Wide Impacts of Climate Change: A Joint Analysis for Sea Level Rise and Tourism. SSRN Electronic Journal, 2006, , .	0.4	0
337	Estimating the cost of climate change. Nature, 2007, 447, 1052-1052.	27.8	0
338	Theory and Practice of Transboundary Environmental Impact Assessment - Edited by Kees Bastmeijer and Timo Koivurova. Review of European Community and International Environmental Law, 2008, 17, 353-353.	0.6	0
339	Environmental Taxes - by Kalle MättäReview of European Community and International Environmental Law, 2008, 17, 355-356.	0.6	0
340	Reply to "Comment on estimating historical landfill quantities to predict methane emissions― Atmospheric Environment, 2011, 45, 7533-7534.	4.1	0
341	Low probability, high impact: the implications of a break-up of China for carbon dioxide emissions. Climatic Change, 2013, 117, 961-970.	3.6	0
342	The effect of operational considerations on the return of electricity generation investment. , 2013, , .		0

#	Article	IF	CITATIONS
343	Double dividends of additional water charges in South Africa. , 0, , 315-332.		Ο
344	Trends in air pollution in Ireland: a decomposition analysis. International Journal of Global Environmental Issues, 2016, 15, 201.	0.1	0
345	Valuing malaria morbidity: results from a global meta-analysis. Journal of Environmental Economics and Policy, 2019, 8, 301-321.	2.5	0
346	Climate Change, Economic Costs of. , 2011, , 42-51.		0
347	SELFISH BUREAUCRATS AND POLICY HETEROGENEITY IN NORDHAUS' DICE. , 2021, , 77-92.		0
348	The Economic Impact of Climate in the Long Run. , 2021, , 3-36.		0
349	Economic Models for Sustainable Development. , 2009, , .		0
350	Marginal Cost Estimates of Greenhouse Gas Emissions. , 2005, , .		0
351	Testing the Dismal Theorem. Journal of the Association of Environmental and Resource Economists, 0, , .	1.5	0