

Marc Vielle

List of Publications by Year in descending order

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Version: 2024-02-01

40
papers

722
citations

687363

13
h-index

610901

24
g-index

48
all docs

48
docs citations

48
times ranked

685
citing authors

#	ARTICLE	IF	CITATIONS
1	A multi-model analysis of long-term emissions and warming implications of current mitigation efforts. <i>Nature Climate Change</i> , 2021, 11, 1055-1062.	18.8	69
2	Worldwide impacts of climate change on energy for heating and cooling. <i>Mitigation and Adaptation Strategies for Global Change</i> , 2015, 20, 1111-1136.	2.1	59
3	GEMINI-E3, a general equilibrium model of international interactions between economy, energy and the environment. <i>Computational Management Science</i> , 2008, 5, 173-206.	1.3	57
4	A two-level dynamic game of carbon emission trading between Russia, China, and Annex B countries. <i>Journal of Economic Dynamics and Control</i> , 2008, 32, 1830-1856.	1.6	56
5	Assessment of European Union transition scenarios with a special focus on the issue of carbon leakage. <i>Energy Economics</i> , 2009, 31, S274-S284.	12.1	41
6	Title is missing!. <i>Environmental Modeling and Assessment</i> , 2003, 8, 199-217.	2.2	38
7	Challenges in the harmonisation of global integrated assessment models: A comprehensive methodology to reduce model response heterogeneity. <i>Science of the Total Environment</i> , 2021, 783, 146861.	8.0	32
8	On the climate change effects of high oil prices. <i>Energy Policy</i> , 2007, 35, 844-849.	8.8	29
9	A two-level computable equilibrium model to assess the strategic allocation of emission allowances within the European union. <i>Computers and Operations Research</i> , 2006, 33, 369-385.	4.0	28
10	An oracle based method to compute a coupled equilibrium in a model of international climate policy. <i>Computational Management Science</i> , 2008, 5, 119-140.	1.3	28
11	Combining Stochastic Optimization and Monte Carlo Simulation to Deal with Uncertainties in Climate Policy Assessment. <i>Environmental Modeling and Assessment</i> , 2012, 17, 51-76.	2.2	27
12	Where is the EU headed given its current climate policy? A stakeholder-driven model inter-comparison. <i>Science of the Total Environment</i> , 2021, 793, 148549.	8.0	26
13	Hire fast, fire slow: the employment benefits of energy transitions. <i>Economic Systems Research</i> , 2020, 32, 202-220.	2.7	19
14	A Coupled Bottom-Up/Top-Down Model for GHG Abatement Scenarios in the Swiss Housing Sector. , 2005, , 27-61.		16
15	Physical and Economic Consequences of Sea-Level Rise: A Coupled GIS and CGE Analysis Under Uncertainties. <i>Environmental and Resource Economics</i> , 2016, 65, 813-839.	3.2	14
16	A General Equilibrium Assessment of Climate Change Impacts on Swiss Winter Tourism with Adaptation. <i>Environmental Modeling and Assessment</i> , 2019, 24, 265-277.	2.2	13
17	The economic impact of climate-driven changes in water availability in Switzerland. <i>Water Policy</i> , 2015, 17, 848-864.	1.5	12
18	Assessment of Acceptable Swiss post-2012 Climate Policies. <i>Swiss Journal of Economics and Statistics</i> , 2012, 148, 347-380.	1.0	10

#	ARTICLE	IF	CITATIONS
19	A robust meta-game for climate negotiations. <i>Computational Management Science</i> , 2013, 10, 299-329.	1.3	10
20	Defining deep decarbonization pathways for Switzerland: an economic evaluation. <i>Climate Policy</i> , 2018, 18, 1-13.	5.1	10
21	Welfare implications of EU Effort Sharing Decision and possible impact of a hard Brexit. <i>Energy Economics</i> , 2018, 74, 470-489.	12.1	10
22	Lowering CO2 emissions in the Swiss transport sector. <i>Swiss Journal of Economics and Statistics</i> , 2019, 155, .	1.0	10
23	Assessment of the Effectiveness of Global Climate Policies Using Coupled Bottom-Up and Top-Down Models. <i>SSRN Electronic Journal</i> , 0, , .	0.4	8
24	Navigating various flexibility mechanisms under European burden-sharing. <i>Environmental Economics and Policy Studies</i> , 2020, 22, 267-313.	2.0	8
25	Burden Sharing Within a Multi-Gas Strategy. <i>Energy Journal</i> , 2006, 27, 289-302.	1.7	8
26	Assessment of balanced burden-sharing in the 2050 EU climate/energy roadmap: a metamodeling approach. <i>Climatic Change</i> , 2016, 134, 505-519.	3.6	7
27	Impacts of Global Warming on Energy Use for Heating and Cooling with Full Rebound Effects in Switzerland. <i>Swiss Journal of Economics and Statistics</i> , 2017, 153, 341-369.	1.0	7
28	An Oligopoly Game of CDR Strategy Deployment in a Steady-State Net-Zero Emission Climate Regime. <i>Environmental Modeling and Assessment</i> , 2021, 26, 969-984.	2.2	7
29	Carbon Tax and International Emissions Trading: A Swiss Perspective. <i>Advances in Global Change Research</i> , 2005, , 295-319.	1.6	6
30	Economic Impacts of Future Changes in the Energy System – National Perspectives. <i>Lecture Notes in Energy</i> , 2015, , 359-387.	0.3	6
31	Economic Impacts of Future Changes in the Energy System – Global Perspectives. <i>Lecture Notes in Energy</i> , 2015, , 333-358.	0.3	5
32	Economic assessment of the development of CO2 direct reduction technologies in long-term climate strategies of the Gulf countries. <i>Climatic Change</i> , 2021, 165, 1.	3.6	4
33	A Metamodel of the Oil Game under Climate Treaties. <i>Infor</i> , 2010, 48, 215-228.	0.6	3
34	Special Issue on Energy Modelling: Introductory Article. <i>Swiss Journal of Economics and Statistics</i> , 2012, 148, 97-109.	1.0	3
35	Meta-Modeling to Assess the Possible Future of Paris Agreement. <i>Environmental Modeling and Assessment</i> , 2018, 23, 611-626.	2.2	3
36	COSTS AND BENEFITS OF CLIMATE CHANGE IN SWITZERLAND. <i>Climate Change Economics</i> , 2019, 10, 1950005.	5.0	3

#	ARTICLE	IF	CITATIONS
37	Integrated Assessment of Swiss GHG Mitigation Policies After 2012. Environmental Modeling and Assessment, 2012, 17, 193-207.	2.2	2
38	A Robust Noncooperative Meta-game for Climate Negotiation in Europe. , 2016, , 301-319.		2
39	Potential integration of Chinese and European emissions trading market: welfare distribution analysis. Mitigation and Adaptation Strategies for Global Change, 2021, 26, 1.	2.1	0
40	A post-COVID-19 economic assessment of the Chilean NDC revision. Climate Change Economics, 0, , .	5.0	0