

Hidemichi Fujii

List of Publications by Year in descending order

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68
papers

3,219
citations

186265

28
h-index

161849

54
g-index

71
all docs

71
docs citations

71
times ranked

2582
citing authors

#	ARTICLE	IF	CITATIONS
1	A critical analysis of the impacts of COVID-19 on the global economy and ecosystems and opportunities for circular economy strategies. <i>Resources, Conservation and Recycling</i> , 2021, 164, 105169.	10.8	483
2	Do environmental, social, and governance activities improve corporate financial performance?. <i>Business Strategy and the Environment</i> , 2019, 28, 286-300.	14.3	394
3	Corporate Environmental and Economic Performance of Japanese Manufacturing Firms: Empirical Study for Sustainable Development. <i>Business Strategy and the Environment</i> , 2013, 22, 187-201.	14.3	209
4	Indian bank efficiency and productivity changes with undesirable outputs: A disaggregated approach. <i>Journal of Banking and Finance</i> , 2014, 38, 41-50.	2.9	189
5	Green Innovation and Finance in Asia. <i>Asian Economic Policy Review</i> , 2021, 16, 67-87.	3.1	145
6	Decomposition analysis of air pollution abatement in China: empirical study for ten industrial sectors from 1998 to 2009. <i>Journal of Cleaner Production</i> , 2013, 59, 22-31.	9.3	110
7	Environmental policy design, innovation and efficiency gains in electricity generation. <i>Energy Economics</i> , 2017, 63, 106-115.	12.1	99
8	Decomposition analysis of sustainable green technology inventions in China. <i>Technological Forecasting and Social Change</i> , 2019, 139, 10-16.	11.6	95
9	Are firms' voluntary environmental management activities beneficial for the environment and business? An empirical study focusing on Japanese manufacturing firms. <i>Journal of Environmental Management</i> , 2012, 105, 121-130.	7.8	90
10	Trends and priority shifts in artificial intelligence technology invention: A global patent analysis. <i>Economic Analysis and Policy</i> , 2018, 58, 60-69.	6.6	82
11	Financial allocation strategy for the regional pollution abatement cost of reducing sulfur dioxide emissions in the thermal power sector in China. <i>Energy Policy</i> , 2010, 38, 2131-2141.	8.8	75
12	Which industry is greener? An empirical study of nine industries in OECD countries. <i>Energy Policy</i> , 2013, 57, 381-388.	8.8	73
13	Economic development and multiple air pollutant emissions from the industrial sector. <i>Environmental Science and Pollution Research</i> , 2016, 23, 2802-2812.	5.3	64
14	How does commuting behavior change due to incentives? An empirical study of the Beijing Subway System. <i>Transportation Research Part F: Traffic Psychology and Behaviour</i> , 2014, 24, 17-26.	3.7	61
15	Substitute or complement? Assessing renewable and nonrenewable energy in OECD countries. <i>Applied Economics</i> , 2015, 47, 1438-1459.	2.2	56
16	Effects of the reduction of pollution emissions on the economic performance of firms: an empirical analysis focusing on demand and productivity. <i>Journal of Cleaner Production</i> , 2011, 19, 1956-1964.	9.3	54
17	An analysis of urban environmental Kuznets curve of CO2 emissions: Empirical analysis of 276 global metropolitan areas. <i>Applied Energy</i> , 2018, 228, 1561-1568.	10.1	47
18	Research and development strategy for environmental technology in Japan: A comparative study of the private and public sectors. <i>Technological Forecasting and Social Change</i> , 2016, 112, 293-302.	11.6	41

#	ARTICLE	IF	CITATIONS
19	Optimal production resource reallocation for CO2 emissions reduction in manufacturing sectors. <i>Global Environmental Change</i> , 2015, 35, 505-513.	7.8	39
20	Multinational life satisfaction, perceived inequality and energy affordability. <i>Nature Sustainability</i> , 2019, 2, 508-514.	23.7	39
21	Decomposition of Productivity Considering Multi-Environmental Pollutants in Chinese Industrial Sector. <i>Review of Development Economics</i> , 2015, 19, 75-84.	1.9	38
22	Decomposition analysis of food waste management with explicit consideration of priority of alternative management options and its application to the Japanese food industry from 2008 to 2015. <i>Journal of Cleaner Production</i> , 2018, 188, 568-574.	9.3	36
23	Decomposition analysis of green chemical technology inventions from 1971 to 2010 in Japan. <i>Journal of Cleaner Production</i> , 2016, 112, 4835-4843.	9.3	35
24	Artificial intelligence and energy intensity in China's industrial sector: Effect and transmission channel. <i>Economic Analysis and Policy</i> , 2021, 70, 276-293.	6.6	35
25	Changes in environmentally sensitive productivity and technological modernization in China's iron and steel industry in the 1990s. <i>Environment and Development Economics</i> , 2010, 15, 485-504.	1.5	34
26	Key Drivers for Cooperation toward Sustainable Development and the Management of CO2 Emissions: Comparative Analysis of Six Northeast Asian Countries. <i>Sustainability</i> , 2018, 10, 244.	3.2	33
27	The pollution release and transfer register system in the U.S. and Japan: an analysis of productivity. <i>Journal of Cleaner Production</i> , 2011, 19, 1330-1338.	9.3	32
28	Determinants of eco-efficiency in the Chinese industrial sector. <i>Journal of Environmental Sciences</i> , 2013, 25, S20-S26.	6.1	32
29	Drivers of U.S. toxicological footprints trajectory 1998-2013. <i>Scientific Reports</i> , 2016, 6, 39514.	3.3	29
30	Sources of airline productivity from carbon emissions: an analysis of operational performance under good and bad outputs. <i>Journal of Productivity Analysis</i> , 2017, 47, 223-246.	1.6	29
31	Environmental efficiency of energy, materials, and emissions. <i>Journal of Environmental Management</i> , 2015, 161, 206-218.	7.8	26
32	Firm-level environmentally sensitive productivity and innovation in China. <i>Applied Energy</i> , 2016, 184, 915-925.	10.1	26
33	How does a firm's management of greenhouse gas emissions influence its economic performance? Analyzing effects through demand and productivity in Japanese manufacturing firms. <i>Journal of Productivity Analysis</i> , 2014, 42, 355-366.	1.6	25
34	How do urban characteristics affect climate change mitigation policies?. <i>Journal of Cleaner Production</i> , 2017, 168, 271-278.	9.3	25
35	Wastewater Management Efficiency and Determinant Factors in the Chinese Industrial Sector from 2004 to 2014. <i>Water (Switzerland)</i> , 2017, 9, 586.	2.7	25
36	Efficiency and emissions from urban transport: Application to world city-level public transportation. <i>Economic Analysis and Policy</i> , 2019, 61, 55-63.	6.6	25

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37	Decomposition of Toxic Chemical Substance Management in Three U.S. Manufacturing Sectors from 1991 to 2008. <i>Journal of Industrial Ecology</i> , 2013, 17, 461-471.	5.5	24
38	Impacts of productive efficiency improvement in the global metal industry on CO2 emissions. <i>Journal of Environmental Management</i> , 2019, 248, 109261.	7.8	23
39	Shadow prices and production inefficiency of mineral resources. <i>Economic Analysis and Policy</i> , 2018, 57, 111-121.	6.6	20
40	Research and Development Strategy in Biological Technologies: A Patent Data Analysis of Japanese Manufacturing Firms. <i>Sustainability</i> , 2016, 8, 351.	3.2	18
41	Decomposition of toxicity emission changes on the demand and supply sides: empirical study of the US industrial sector. <i>Environmental Research Letters</i> , 2017, 12, 124008.	5.2	18
42	Bank efficiency, productivity, and convergence in EU countries: a weighted Russell directional distance model. <i>European Journal of Finance</i> , 2018, 24, 135-156.	3.1	18
43	Clarifying Demographic Impacts on Embodied and Materially Retained Carbon toward Climate Change Mitigation. <i>Environmental Science & Technology</i> , 2019, 53, 14123-14133.	10.0	15
44	An evaluation of inclusive capital stock for urban planning. <i>Ecosystem Health and Sustainability</i> , 2016, 2, .	3.1	14
45	Decomposition Analysis of Forest Ecosystem Services Values. <i>Sustainability</i> , 2017, 9, 687.	3.2	14
46	Do exogenous shocks better leverage the benefits of technological change in the staged elimination of differential environmental regulations? Evidence from China's cement industry before and after the 2008 Great Sichuan Earthquake. <i>Journal of Cleaner Production</i> , 2017, 164, 1167-1179.	9.3	11
47	A network data envelopment analysis (NDEA) model of post-harvest handling: the case of Kenya's rice processing industry. <i>Food Security</i> , 2018, 10, 631-648.	5.3	10
48	Supply Constraint from Earthquakes in Japan in Input-Output Analysis. <i>Risk Analysis</i> , 2020, 40, 1811-1830.	2.7	10
49	Decomposition Analysis of Water Treatment Technology Patents. <i>Water (Switzerland)</i> , 2017, 9, 860.	2.7	9
50	Did the financial crisis affect environmental efficiency? evidence from the Japanese manufacturing sector. <i>Environmental Economics and Policy Studies</i> , 2016, 18, 159-168.	2.0	8
51	Productive inefficiency analysis and toxic chemical substances in US and Japanese manufacturing sectors. <i>Asian Business and Management</i> , 2012, 11, 291-310.	2.8	7
52	The True Cost of Greenhouse Gas Emissions: Analysis of 1,000 Global Companies. <i>PLoS ONE</i> , 2013, 8, e78703.	2.5	7
53	Research and Development Strategy for Fishery Technology Innovation for Sustainable Fishery Resource Management in North-East Asia. <i>Sustainability</i> , 2018, 10, 59.	3.2	6
54	Wastewater Pollution Abatement in China: A Comparative Study of Fifteen Industrial Sectors from 1998 to 2010. <i>Journal of Environmental Protection</i> , 2013, 04, 290-300.	0.7	6

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55	Trend and priority change of climate change mitigation technology in the global mining sector. Resources Policy, 2022, 78, 102870.	9.6	6
56	How enterprise strategies are related to innovation and productivity change: an empirical study of Japanese manufacturing firms. Economics of Innovation and New Technology, 2015, 24, 248-262.	3.4	5
57	Trends in corporate environmental management studies and databases. Environmental Economics and Policy Studies, 2016, 18, 265-272.	2.0	5
58	Decomposition approach of the nitrogen generation process: empirical study on the Shimabara Peninsula in Japan. Environmental Science and Pollution Research, 2016, 23, 23249-23261.	5.3	5
59	How Does Information and Communication Technology Capital Affect Productivity in the Energy Sector? New Evidence from 14 Countries, Considering the Transition to Renewable Energy Systems. Energies, 2019, 12, 1786.	3.1	5
60	A productivity analysis considering environmental pollution and diseases in China. Journal of Economic Structures, 2015, 4, .	1.6	4
61	Does an environmental Kuznets curve for waste pollution exist in China?. International Journal of Global Environmental Issues, 2009, 9, 4.	0.1	3
62	How scale and ownership are related to financial performance? A productivity analysis of the Chinese banking sector. Journal of Economic Structures, 2015, 4, .	1.6	3
63	An Analysis of the Progress of Japanese Companies'™ Commitment to the SDGs and Their Economic Systems and Social Activities for Communities. Sustainability, 2022, 14, 4833.	3.2	3
64	Comment on "Transition of the Chinese Economy in the Face of Deep Greenhouse Gas Emissions Cuts in the Future" Asian Economic Policy Review, 2021, 16, 163-164.	3.1	2
65	An evaluation of inclusive capital stock for urban planning. , 2019, , 5-22.		2
66	Economic analysis underpinning achievement of the SDGs. Journal of Cleaner Production, 2022, 364, 132626.	9.3	1
67	Corporate Environmental Management and Environmental Strategies. , 2016, , 245-253.		0
68	Evaluation on Nitrogen Load Change in Shimabara Peninsula by Factor Decomposition Approach. Journal of Groundwater Hydrology, 2022, 64, 91-100.	0.1	0