Yasushi Kondo

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/5676559/publications.pdf

Version: 2024-02-01

75	2,401	159358	205818
papers	citations	30	48
		h-index	g-index

78	78	78	1569
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Simultaneously tracing the fate of seven metals at a global level with MaTraceâ€multi. Journal of Industrial Ecology, 2022, 26, 923-936.	2.8	7
2	Quantifying the carbon footprint reduction potential of lifestyle choices in Japan. Environmental Research Letters, 2021, 16, 064022.	2.2	37
3	Consumption in the G20 nations causes particulate air pollution resulting in two million premature deaths annually. Nature Communications, 2021, 12, 6286.	5.8	36
4	Affluent countries inflict inequitable mortality and economic loss on Asia via PM2.5 emissions. Environment International, 2020, 134, 105238.	4.8	36
5	Capital in the American carbon, energy, and material footprint. Journal of Industrial Ecology, 2020, 24, 589-600.	2.8	35
6	Nexus between economy-wide metal inputs and the deterioration of sustainable development goals. Resources, Conservation and Recycling, 2019, 149, 12-19.	5.3	19
7	Estimation of 2011 Waste Input-Output Table for Japan. Journal of Life Cycle Assessment Japan, 2019, 15, 33-41.	0.0	3
8	Hypothetical extractions from a global perspective. Economic Systems Research, 2019, 31, 505-519.	1.2	61
9	Meat Consumption Does Not Explain Differences in Household Food Carbon Footprints in Japan. One Earth, 2019, 1, 464-471.	3.6	34
10	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. Journal of Cleaner Production, 2018, 188, 568-574.	4.6	36
11	Toward an integrated model of the circular economy: Dynamic waste inputâ€“output. Resources, Conservation and Recycling, 2018, 139, 326-332.	5.3	32
12	Economic and social determinants of global physical flows of critical metals. Resources Policy, 2017, 52, 107-113.	4.2	18
13	The role of primary processing in the supply risks of critical metals. Economic Systems Research, 2017, 29, 335-356.	1.2	23
14	Quantifying Recycling and Losses of Cr and Ni in Steel Throughout Multiple Life Cycles Using MaTrace-Alloy. Environmental Science & Technology, 2017, 51, 9469-9476.	4.6	66
15	Optimal Recycling of Steel Scrap and Alloying Elements: Input-Output based Linear Programming Method with Its Application to End-of-Life Vehicles in Japan. Environmental Science & Technology, 2017, 51, 13086-13094.	4.6	43
16	Regional distribution and losses of end-of-life steel throughout multiple product life cyclesâ€"Insights from the global multiregional MaTrace model. Resources, Conservation and Recycling, 2017, 116, 84-93.	5.3	84
17	Dynamic material flow analysis of nickel and chromium associated with steel materials by using matrace. Materiaux Et Techniques, 2016, 104, 610.	0.3	9
18	Toward the efficient recycling of alloying elements from end of life vehicle steel scrap. Resources, Conservation and Recycling, 2015, 100, 11-20.	5.3	82

#	Article	IF	Citations
19	Global Mining Risk Footprint of Critical Metals Necessary for Low-Carbon Technologies: The Case of Neodymium, Cobalt, and Platinum in Japan. Environmental Science & Technology, 2015, 49, 2022-2031.	4.6	84
20	Measuring the waste footprint of cities in Japan: an interregional waste inputâ€“output analysis. Journal of Economic Structures, 2015, 4, .	0.6	26
21	Forecasting Replacement Demand of Durable Goods and the Induced Secondary Material Flows: A Case Study of Automobiles. Journal of Industrial Ecology, 2015, 19, 10-19.	2.8	17
22	Global Flows of Critical Metals Necessary for Low-Carbon Technologies: The Case of Neodymium, Cobalt, and Platinum. Environmental Science & Technology, 2014, 48, 1391-1400.	4.6	142
23	MaTrace: Tracing the Fate of Materials over Time and Across Products in Open-Loop Recycling. Environmental Science & Technology, 2014, 48, 7207-7214.	4.6	94
24	EcoBalance 2014: creating benefit through life cycle thinking. International Journal of Life Cycle Assessment, 2014, 19, 1172-1172.	2.2	2
25	Triangulation of Inputâ€“Output Tables Based on Mixed Integer Programs for Inter-temporal and Inter-regional Comparison of Production Structures. Journal of Economic Structures, 2014, 3, .	0.6	10
26	IO-MFA and Thermodynamic Approach for Metal Recycling. , 2013, , 412-413.		2
27	Finding environmentally important industry clusters: Multiway cut approach using nonnegative matrix factorization. Social Networks, 2013, 35, 423-438.	1.3	41
28	Simultaneous Material Flow Analysis of Nickel, Chromium, and Molybdenum Used in Alloy Steel by Means of Inputâ€“Output Analysis. Environmental Science & Technology, 2013, 47, 4653-4660.	4.6	79
29	Identifying environmentally important supply chain clusters in the automobile industry. Economic Systems Research, 2013, 25, 265-286.	1.2	27
30	IO-MFA and Thermodynamic Approach for Metal Recycling. , 2013, , 412-413.		0
31	Database Development of Embodied Global-environmental-burden Intensities for Japanese Products with GLIO. Journal of Life Cycle Assessment Japan, 2013, 9, 101-107.	0.0	0
32	The anatomy of capital stock : input-output material flow analysis (MFA) of the material composition of physical stocks and its evolution over time. Revue De Metallurgie, 2012, 109, 293-298.	0.3	5
33	Characterization of Economic Requirements for a â€œCarbon-Debt-Free Countryâ€• Environmental Science & Technology, 2012, 46, 155-163.	4.6	29
34	Quality- and Dilution Losses in the Recycling of Ferrous Materials from End-of-Life Passenger Cars: Input-Output Analysis under Explicit Consideration of Scrap Quality. Environmental Science & Technology, 2012, 46, 9266-9273.	4.6	73
35	Estimates of Embodied Global Energy and Air-Emission Intensities of Japanese Products for Building a Japanese Inputâ€“Output Life Cycle Assessment Database with a Global System Boundary. Environmental Science & Technology, 2012, 46, 9146-9154.	4.6	79
36	Impacts of Final Consumptions in Tokyo on Productions and Environmental Loads in Other Regions: An Interregional Waste Input-Output Approach. Journal of Life Cycle Assessment Japan, 2012, 8, 26-36.	0.0	0

#	Article	IF	Citations
37	UPIOM: A New Tool of MFA and Its Application to the Flow of Iron and Steel Associated with Car Production. Environmental Science & Technology, 2011, 45, 1114-1120.	4.6	52
38	Role of Motor Vehicle Lifetime Extension in Climate Change Policy. Environmental Science & Technology, 2011, 45, 1184-1191.	4.6	62
39	Identifying the Substance Flow of Metals Embedded in Japanese International Trade by Use of Waste Input-Output Material Flow Analysis (WIO-MFA) Model. ISIJ International, 2011, 51, 1934-1939.	0.6	21
40	Further Extension of Environmentally Extended Input-Output Analysis. Journal of Industrial Ecology, 2011, 15, 671-673.	2.8	1
41	The collaboration between Int J Life Cycle Assess and J LCA Jpn. International Journal of Life Cycle Assessment, 2010, 15, 521-523.	2.2	0
42	The collaboration between Int J Life Cycle Assess and J LCA Jpn. International Journal of Life Cycle Assessment, 2010, 15, 737-744.	2.2	0
43	The collaboration between Int J Life Cycle Assess and J LCA Jpn. International Journal of Life Cycle Assessment, 2010, 15, 533-536.	2.2	0
44	Factor X (eco-efficiency) assessment on global warming for one household in Japan. Nihon Enerugi Gakkaishi/Journal of the Japan Institute of Energy, 2010, 89, 1070-1087.	0.2	3
45	Theories and Methodologies for Supporting Life Cycle Assessmentâ€”Part 13. Journal of Life Cycle Assessment Japan, 2010, 6, 54-63.	0.0	0
46	Waste Input-Output Material Flow Analysis Model. Material Cycles and Waste Management Research, 2009, 20, 206-211.	0.0	0
47	IMPROVING THE COMPLETENESS OF PRODUCT CARBON FOOTPRINTS USING A GLOBAL LINK INPUTâ€“OUTPUT MODEL: THE CASE OF JAPAN. Economic Systems Research, 2009, 21, 267-290.	1.2	78
48	The collaboration between Int J Life Cycle Assess and J LCA Jpn. International Journal of Life Cycle Assessment, 2009, 14, 83-88.	2.2	0
49	The collaboration between Int J Life Cycle Assess and J LCA Jpn. International Journal of Life Cycle Assessment, 2009, 14, 278-281.	2.2	0
50	The collaboration between Int J Life Cycle Assess and J LCA Jpn. International Journal of Life Cycle Assessment, 2009, 14, 571-576.	2.2	0
51	Using Waste Input-Output Model to Analyze the Environmental Impacts of Dietary Habits. Journal of the Japan Society of Material Cycles and Waste Management, 2009, 20, 119-132.	0.1	1
52	The collaboration between Int J Life Cycle Assess and J LCA Jpn. International Journal of Life Cycle Assessment, 2008, 13, 605-608.	2.2	1
53	An Analysis of Sustainable Consumption by the Waste Input-Output Model. Journal of Industrial Ecology, 2008, 9, 201-219.	2.8	85
54	Corner: J LCA Jpn (The Journal of Life Cycle Assessment, Japan). International Journal of Life Cycle Assessment, 2008, 13, 10-11.	2.2	0

#	Article	IF	Citations
55	Corner: J LCA Jpn (The Journal of Life Cycle Assessment, Japan). International Journal of Life Cycle Assessment, 2008, 13, 168-171.	2.2	0
56	The Waste Inputâ€Output Approach to Materials Flow Analysis. Journal of Industrial Ecology, 2007, 11, 50-63.	2.8	156
57	Corner: J LCA Jpn (The Journal of Life Cycle Assessment, Japan). International Journal of Life Cycle Assessment, 2007, 12, 348-350.	2.2	1
58	Corner: J LCA Jpn (the Journal of Life Cycle Assessment, Japan). International Journal of Life Cycle Assessment, 2007, 12, 547-549.	2.2	4
59	An Integrated Model for Evaluating Environmental Impact of Consumerâ€™s Behavior: Consumption â€˜Technologiesâ€™ and the Waste Input-Output Model. , 2007, , 413-416.		2
60	Corner: J LCA Jpn (the Journal of Life Cycle Assessment, Japan). International Journal of Life Cycle Assessment, 2007, 12, 547-549.	2.2	1
61	Corner: J LCA Jpn (The Journal of Life Cycle Assessment, Japan). International Journal of Life Cycle Assessment, 2007, 12, 348-350.	2.2	0
62	Hybrid LCC of Appliances with Different Energy Efficiency (10 pp). International Journal of Life Cycle Assessment, 2006, 11, 305-314.	2.2	39
63	Application of Markov Chain Model to Calculate the Average Number of Times of Use of a Material in Society. An Allocation Methodology for Open-Loop Recycling. Part 1: Methodology Development (7 pp). International Journal of Life Cycle Assessment, 2006, 11, 354-360.	2.2	33
64	A waste inputâ€“output life-cycle cost analysis of the recycling of end-of-life electrical home appliances. Ecological Economics, 2006, 57, 494-506.	2.9	82
65	An analysis of consumers' behavior by the waste input-output model: Environmental impact of income and time use. Journal of Life Cycle Assessment Japan, 2006, 2, 48-55.	0.0	8
66	Introduction: Special issue on â€œApplication of Input-Output Tables to LCAâ€• Journal of Life Cycle Assessment Japan, 2006, 2, 2-2.	0.0	0
67	Waste inputâ€“output linear programming model with its application to eco-efficiency analysis. Economic Systems Research, 2005, 17, 393-408.	1.2	57
68	Waste Input-Output Analysis and Optimization of Waste Management. IEEJ Transactions on Electronics, Information and Systems, 2004, 124, 2187-2194.	0.1	2
69	Evaluating alternative life-cycle strategies for electrical appliances by the waste input-output model. International Journal of Life Cycle Assessment, 2004, 9, 236.	2.2	69
70	Hedonic price index estimation under meanâ€independence of time dummies from quality characteristics. Econometrics Journal, 2003, 6, 28-45.	1.2	2
71	Input-Output Analysis of Waste Management. Journal of Industrial Ecology, 2002, 6, 39-63.	2.8	244
72	An Hedonic Analysis of the Rental Office Market in the Tokyo Central Business District: 1985-1994 Fiscal Years. Japanese Economic Review, 2000, 51, 130-154.	0.8	14

#	Article	IF	Citations
73	Waste input-output analysis of disposal, recycling, and extended life of electric home appliances. , 0, , .		3
74	Inter-regional Waste Input-Output Linear Programming Model and Its Application to the Japanese Regions. , 0, , .		0
75	Consumers' Behavior and Environmental Impact of Time Use: An analysis by the waste input-output model and a consumer model. , 0, , .		0