Eva PongrÃ¡cz

List of Publications by Year
in descending order

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56	2,024	218592	243529
papers	citations	26	44
		h-index	g-index

58	58	58	2668
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	End-of-Use vs. End-of-Life: When Do Consumer Electronics Become Waste?. Resources, 2022, 11, 18.	1.6	9
2	A 30-Year Probability Map for Oil Spill Trajectories in the Barents Sea to Assess Potential Environmental and Socio-Economic Threats. Resources, 2022, 11, 1.	1.6	7
3	Current Status of Circular Economy Research in Finland. Resources, 2021, 10, 40.	1.6	14
4	Social Sustainability Dilemma: Escape or Communicate? Managing Social Risks Upstream of the Bioenergy Supply Chain. Resources, 2020, 9, 7.	1.6	4
5	Sustainable Energy Solutions for Rural Communities. Proceedings (mdpi), 2020, 58, .	0.2	0
6	Cumulative social effect assessment framework to evaluate the accumulation of social sustainability benefits of regional bioenergy value chains. Renewable Energy, 2019, 131, 1073-1088.	4.3	19
7	Electricity Market Empowered by Artificial Intelligence: A Platform Approach. Energies, 2019, 12, 4128.	1.6	34
8	Balancing Socio-Efficiency and Resilience of Energy Provisioning on a Regional Level, Case Oulun Energia in Finland. Clean Technologies, 2019, 1, 273-293.	1.9	7
9	The raw material basis of global value chains: allocating environmental responsibility based on value generation. Economic Systems Research, 2019, 31, 206-227.	1.2	43
10	Accounting for Raw Material Embodied in Imports by Multi-regional Input-Output Modelling and Life Cycle Assessment, Using Finland as a Study Case. Ecological Economics, 2018, 152, 40-50.	2.9	8
11	Life cycle impact assessment of home energy management systems (HEMS) using dynamic emissions factors for electricity in Finland. Environmental Impact Assessment Review, 2017, 67, 109-116.	4.4	16
12	Evaluation of physicochemical/microbial properties and life cycle assessment (LCA) of PLA-based nanocomposite active packaging. LWT - Food Science and Technology, 2017, 75, 305-315.	2.5	69
13	Drivers and Constraints of Critical Materials Recycling: The Case of Indium. Resources, 2016, 5, 34.	1.6	31
14	Modelling home electricity management for sustainability: The impact of response levels, technological deployment & occupancy. Energy and Buildings, 2016, 119, 218-232.	3.1	18
15	Sustainability Assessment of Chemical Processes: Evaluation of Three Synthesis Routes of DMC. Journal of Chemistry, 2015, 2015, 1-12.	0.9	17
16	The trade-off between technology deployment and enviro-economic benefits in smart buildings. , 2015, , .		0
17	Environmental Impacts and Benefits of Smart Home Automation: Life Cycle Assessment of Home Energy Management System. IFAC-PapersOnLine, 2015, 48, 880-885.	0.5	32
18	Electronic waste recovery in Finland: Consumersâ€™ perceptions towards recycling and re-use of mobile phones. Waste Management, 2015, 45, 374-384.	3.7	152

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19	Sector aggregation bias in environmentally extended input output modeling of raw material flows in Finland. Ecological Economics, 2015, 119, 217-229.	2.9	59
20	Overview of the WEEE Directive and Its Implementation in the Nordic Countries: National Realisations and Best Practices. Journal of Waste Management, 2014, 2014, 1-18.	0.5	20
21	The use of bio-waste to revegetate eroded land areas in YllÃs, Northern Finland: Toward a zero waste perspective of tourism in the Finnish Lapland. Resources, Conservation and Recycling, 2014, 93, 9-22.	5.3	11
22	Bioreducer use in Finnish blast furnace ironmaking â€“ Analysis of CO2 emission reduction potential and mitigation cost. Applied Energy, 2014, 124, 82-93.	5.1	75
23	Implementation of Waste Electrical and Electronic Equipment Directive in Finland: Evaluation of the collection network and challenges of the effective WEEE management. Resources, Conservation and Recycling, 2014, 86, 38-46.	5.3	47
24	Energy potential of biodegradable wastes in Kolari. Pollack Periodica, 2014, 9, 5-15.	0.2	3
25	The role of smart energy networks to support the application of waste-to-energy technologies. Pollack Periodica, 2014, 9, 61-73.	0.2	6
26	DIRECT CO₂SEQUESTRATION ONTO ALKALINE MODIFIED OIL SHALE FLY ASH. Oil Shale, 2014, 31, 79.	0.5	1
27	Microwave-Assisted Extraction of Anthocyanins from Black Currant Marc. Food and Bioprocess Technology, 2013, 6, 2666-2674.	2.6	50
28	The potential of using biomass-based reducing agents in the blast furnace: A review of thermochemical conversion technologies and assessments related to sustainability. Renewable and Sustainable Energy Reviews, 2013, 25, 511-528.	8.2	152
29	From waste treatment to resource efficiency in the chemical industry: recovery of organic solvents from waters containing electrolytes by pervaporation. Journal of Cleaner Production, 2013, 39, 146-153.	4.6	35
30	Biobutanol as a Potential Sustainable Biofuel - Assessment of Lignocellulosic and Waste-based Feedstocks. Journal of Sustainable Development of Energy, Water and Environment Systems, 2013, 1, 58-77.	0.9	41
31	Effect of Ultrafiltration on Anthocyanin and Flavonol Content of Black Currant Juice (Ribes nigrum) Tj ETQq1 1 0.784314 rgBT /Overlo	2.6	43
32	Simultaneous removal of heavy metals from phosphorous rich real wastewaters by micellar-enhanced ultrafiltration. Separation and Purification Technology, 2012, 88, 130-137.	3.9	54
33	Study of permeate flux in micellar-enhanced ultrafiltration on a semi-pilot scale: Simultaneous removal of heavy metals from phosphorous rich real wastewaters. Separation and Purification Technology, 2012, 93, 59-66.	3.9	31
34	Drivers of solid waste minimisation in Finnish metal engineering SMEs: the role of Environmental Management Systems. International Journal of Environment and Waste Management, 2011, 7, 356.	0.2	1
35	Alkaline modified oil shale fly ash: Optimal synthesis conditions and preliminary tests on CO2 adsorption. Journal of Hazardous Materials, 2011, 196, 180-186.	6.5	21
36	Separation of cadmium and copper from phosphorous rich synthetic waters by micellar-enhanced ultrafiltration. Separation and Purification Technology, 2011, 81, 41-48.	3.9	21

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37	The effect of pre-treatment on the anthocyanin and flavonol content of black currant juice (Ribes) Tj ETQq1 1 0.784314 rgBT /Overlock	2.7	33
38	Micellar-enhanced ultrafiltration for the removal of cadmium and zinc: Use of response surface methodology to improve understanding of process performance and optimisation. Journal of Hazardous Materials, 2010, 180, 524-534.	6.5	119
39	Through waste prevention towards corporate sustainability: analysis of the concept of waste and a review of attitudes towards waste prevention. Sustainable Development, 2009, 17, 92-101.	6.9	25
40	Pervaporation of dichloromethane from multicomponent aqueous systems containing n-butanol and sodium chloride. Journal of Membrane Science, 2009, 326, 92-102.	4.1	26
41	Dehydration of water/dichloromethane/n-butanol mixtures by pervaporation; optimisation and modelling by response surface methodology. Journal of Membrane Science, 2009, 338, 111-118.	4.1	19
42	Catalytic activation of CO2: Use of secondary CO2 for the production of synthesis gas and for methanol synthesis over copper-based zirconia-containing catalysts. Catalysis Today, 2009, 144, 318-323.	2.2	129
43	The removal of zinc from synthetic wastewaters by micellar-enhanced ultrafiltration: statistical design of experiments. Desalination, 2009, 240, 262-269.	4.0	141
44	Recovery of n-butanol from salt containing solutions by pervaporation. Desalination, 2009, 241, 201-211.	4.0	44
45	Concentration of blackcurrant juice by reverse osmosis. Desalination, 2009, 241, 256-264.	4.0	28
46	Concentration of ammonium and nitrate from mine water by reverse osmosis and nanofiltration. Desalination, 2009, 240, 280-289.	4.0	84
47	CO₂: from waste to resource for methanol-based processes. Proceedings of Institution of Civil Engineers: Waste and Resource Management, 2009, 162, 215-220.	0.9	3
48	Factors affecting resource use optimisation of the chemical industry in the Northern Ostrobothnia region of Finland. Journal of Cleaner Production, 2008, 16, 1987-1994.	4.6	6
49	Thermodynamic analysis of conversion of alternative hydrocarbon-based feedstocks to hydrogen. International Journal of Hydrogen Energy, 2008, 33, 6635-6643.	3.8	46
50	Separation of nutrients from mine water by reverse osmosis for subsequent biological treatment. Minerals Engineering, 2008, 21, 2-9.	1.8	40
51	THE ENVIRONMENTAL IMPACTS OF PACKAGING. , 2007, , 237-278.		17
52	Industrial ecology and waste management: from theories to applications. Progress in Industrial Ecology, 2006, 3, 59.	0.1	10
53	Applicability of membrane technologies for the removal of heavy metals. Desalination, 2006, 200, 272-273.	4.0	19
54	Recycling of organic solvents by pervaporation and micellar-enhanced ultrafiltration. Desalination, 2006, 200, 383-384.	4.0	0

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55	Re-defining waste, the concept of ownership and the role of waste management. Resources, Conservation and Recycling, 2004, 40, 141-153.	5.3	76
56	An approach to the formal theory of waste management. Resources, Conservation and Recycling, 2002, 35, 17-29.	5.3	7