Sigrid Kusch

List of Publications by Year
in descending order

40 papers	564 citations	840776 11 h-index	642732 23 g-index
45 all docs	45 docs citations	45 times ranked	558 citing authors

#	Article	IF	Citations
1	Biogas production with horse dung in solid-phase digestion systems. Bioresource Technology, 2008, 99, 1280-1292.	9.6	96
2	Testing the environmental Kuznets Curve hypothesis for E-waste in the EU28+2 countries. Journal of Cleaner Production, 2020, 277, 123371.	9.3	67
3	The Link between e-Waste and GDPâ€"New Insights from Data from the Pan-European Region. Resources, 2017, 6, 15.	3.5	46
4	Effect of various leachate recirculation strategies on batch anaerobic digestion of solid substrates. International Journal of Environment and Waste Management, 2012, 9, 69.	0.3	35
5	Relationship between economic growth and mismanaged e-waste: Panel data evidence from 27 EU countries analyzed under the Kuznets curve hypothesis. Waste Management, 2021, 120, 85-97.	7.4	33
6	Cross-country evidence on Environmental Kuznets Curve in Waste Electrical and Electronic Equipment for 174 Countries. Sustainable Production and Consumption, 2021, 25, 136-151.	11.0	32
7	Estimating the Generation of Garden Waste in England and the Differences between Rural and Urban Areas. Resources, 2020, 9, 8.	3.5	23
8	Methane yield of oat husks. Biomass and Bioenergy, 2011, 35, 2627-2633.	5.7	19
9	Comparison of Variable and Constant Loading for Mesophilic Food Waste Digestion in a Long-Term Experiment. Energies, 2020, 13, 1279.	3.1	13
10	Potential Recovery Assessment of the Embodied Resources in Qatarâ€™s Wastewater. Sustainability, 2018, 10, 3055.	3.2	12
11	Renewable energy cooperatives: main features and success factors in collectively implementing energy transition. , 2015, , .		12
12	Anaerobic Digestion of Waste. Green Energy and Technology, 2012, , 107-135.	0.6	10
13	Driving factors of e-waste recycling rate in 30 European countries: new evidence using a panel quantile regression of the EKC hypothesis coupled with the STIRPAT model. Environment, Development and Sustainability, 2023, 25, 7533-7560.	5.0	10
14	Particle Size Distribution in Municipal Solid Waste Pre-Treated for Bioprocessing. Resources, 2019, 8, 166.	3.5	8
15	Towards More Sustainable Food Systemsâ€"14 Lessons Learned. International Journal of Environmental Research and Public Health, 2020, 17, 4005.	2.6	8
16	Estimating the Methane Potential of Energy Crops: An Overview on Types of Data Sources and Their Limitations. Processes, 2021, 9, 1565.	2.8	8
17	Exploring Farm Anaerobic Digester Economic Viability in a Time of Policy Change in the UK. Processes, 2022, 10, 212.	2.8	8
18	Valorization of Residues From Beverage Production. , 2019, , 451-494.		7

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19	Dry Digestion of Organic Residues. , 2011, , .		5
20	Meeting the growing demand for food and bioenergy in the 21st century: synergies through efficient waste management. Biofuels, 2013, 4, 479-483.	2.4	5
21	Analysis of the potential use of major refuse-derived fuels in Jordan as supplementary fuel. Journal of the Air and Waste Management Association, 2013, 63, 902-908.	1.9	5
22	Effect of Pasteurisation on Methane Yield from Food Waste and Other Substrates in Anaerobic Digestion. Processes, 2020, 8, 1351.	2.8	5
23	Determinants of e-waste composition in the EU28â€‰+â€‰2 countries: a panel quantile regression evidence of the STIRPAT model. International Journal of Environmental Science and Technology, 2022, 19, 10493-10510.	3.5	5
24	WASTE ELECTRICAL AND ELECTRONIC EQUIPMENT (WEEE): A CLOSER LOOK AT PHOTOVOLTAIC PANELS. , 2017, , .		4
25	Editorial: Progress in biogas â€“ State of the art and future perspectives: Engineering in Life Sciences 3'12. Engineering in Life Sciences, 2012, 12, 239-240.	3.6	2
26	Underutilised Resources in Urban Environments. Resources, 2020, 9, 38.	3.5	2
27	Wastewater Refinery: Producing Multiple Valuable Outputs from Wastewater. J, 2021, 4, 51-61.	0.9	2
28	Industrial Symbiosis: Unlocking Synergies to Achieve Business Advantages and Resource Efficiency. Encyclopedia of the UN Sustainable Development Goals, 2020, , 1-12.	0.1	2
29	BIOLOGICAL METABOLITES RECOVERY FROM BEVERAGE PRODUCTION SOLID RESIDUES THROUGH ACIDOGENIC FERMENTATION. Detritus, 2019, In Press, 1.	0.9	2
30	CHARCOAL FROM ALTERNATIVE MATERIALS FOR USE AS ENERGY CARRIER OR REDUCING AGENT: A REVIEW OF KEY FINDINGS IN EUROPE AND THE AMERICAS. , 2018, , .		1
31	Cogeneration (combined heat and power production) in Europe. , 2017, , .		1
32	Material Footprint: Understanding Resource Efficiency by Considering Actual Raw Material Consumption. Encyclopedia of the UN Sustainable Development Goals, 2019, , 1-14.	0.1	1
33	CELLULOSIC ETHANOL ï¿½ HEADING TOWARDS COMMERCIALLY VIABLE ADVANCED BIOFUELS. , 2017, , .		0
34	COMMON CHALLENGES IN THE IMPLEMENTATION OF DECENTRALIZED COMBINED HEAT AND POWER PRODUCTION (CHP). , 2018, , .		0
35	A SWOT on Biogas Grids. , 2018, , .		0
36	Sustainable Production: Decoupling the Creation of Goods and Services from Unsustainable Resource Use and Environmental Degradation. Encyclopedia of the UN Sustainable Development Goals, 2019, , 1-13.	0.1	0

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37	Sustainable Production: Decoupling the Creation of Goods and Services from Unsustainable Resource Use and Environmental Degradation. Encyclopedia of the UN Sustainable Development Goals, 2019, , 1-13.	0.1	0
38	Material Footprint: Understanding Resource Efficiency by Considering Actual Raw Material Consumption. Encyclopedia of the UN Sustainable Development Goals, 2020, , 476-489.	0.1	0
39	Sustainable Production: Decoupling the Creation of Goods and Services from Unsustainable Resource Use and Environmental Degradation. Encyclopedia of the UN Sustainable Development Goals, 2020, , 784-796.	0.1	0
40	WEBSITES INFORMING THE CITIZEN IN GERMANY ABOUT THE LOCAL RECYCLING CENTRE: A SURVEY UNDER A CIRCULAR ECONOMY PERSPECTIVE. , 2020, , .		0