

# Daniela Thrn

## List of Publications by Citations

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169  
papers

2,660  
citations

26  
h-index

43  
g-index

197  
ext. papers

3,340  
ext. citations

5.2  
avg, IF

5.95  
L-index

#	Paper	IF	Citations
169	Bioenergy from SurplusLand: environmental and socio-economic implications. <i>BioRisk</i> , <b>2012</b> , 7, 5-50		142
168	A review of biomass potential and current utilisation (Status quo) for 93 biogenic wastes and residues in Germany. <i>Biomass and Bioenergy</i> , <b>2016</b> , 95, 257-272	5.3	114
167	A novel role for bioenergy: A flexible, demand-oriented power supply. <i>Energy</i> , <b>2013</b> , 61, 18-26	7.9	110
166	Wood pellet market and trade: a global perspective. <i>Biofuels, Bioproducts and Biorefining</i> , <b>2013</b> , 7, 24-42	5.3	101
165	Moving torrefaction towards market introduction (Technical improvements and economic-environmental assessment along the overall torrefaction supply chain through the SECTOR project. <i>Biomass and Bioenergy</i> , <b>2016</b> , 89, 184-200	5.3	88
164	The contribution of wood-based construction materials for leveraging a low carbon building sector in europe. <i>Sustainable Cities and Society</i> , <b>2017</b> , 34, 405-418	10.1	86
163	Integrated assessment of sustainable cereal straw potential and different straw-based energy applications in Germany. <i>Applied Energy</i> , <b>2014</b> , 114, 749-762	10.7	85
162	Global biomass potentials (Resources, drivers and scenario results. <i>Energy for Sustainable Development</i> , <b>2010</b> , 14, 200-205	5.4	68
161	Assessment of global bioenergy potentials. <i>Mitigation and Adaptation Strategies for Global Change</i> , <b>2011</b> , 16, 103-115	3.9	63
160	Social life cycle assessment indices and indicators to monitor the social implications of wood-based products. <i>Journal of Cleaner Production</i> , <b>2018</b> , 172, 4074-4084	10.3	62
159	Making money from waste: The economic viability of producing biogas and biomethane in the Idaho dairy industry. <i>Applied Energy</i> , <b>2018</b> , 222, 621-636	10.7	45
158	Stakeholders' Interests and Perceptions of Bioeconomy Monitoring Using a Sustainable Development Goal Framework. <i>Sustainability</i> , <b>2019</b> , 11, 1511	3.6	41
157	Social life cycle assessment: in pursuit of a framework for assessing wood-based products from bioeconomy regions in Germany. <i>International Journal of Life Cycle Assessment</i> , <b>2018</b> , 23, 651-662	4.6	41
156	Flexible power generation scenarios for biogas plants operated in Germany: impacts on economic viability and GHG emissions. <i>International Journal of Energy Research</i> , <b>2017</b> , 41, 63-80	4.5	41
155	Small adaptations, big impacts: Options for an optimized mix of variable renewable energy sources. <i>Energy</i> , <b>2014</b> , 72, 80-92	7.9	40
154	ENSPRESO - an open, EU-28 wide, transparent and coherent database of wind, solar and biomass energy potentials. <i>Energy Strategy Reviews</i> , <b>2019</b> , 26, 100379	9.8	38
153	Flexible bioenergy supply for balancing fluctuating renewables in the heat and power sector (review of technologies and concepts. <i>Energy, Sustainability and Society</i> , <b>2015</b> , 5,	3.9	37

152	Interpreting long-term energy scenarios and the role of bioenergy in Germany. <i>Renewable and Sustainable Energy Reviews</i> , <b>2017</b> , 68, 1222-1233	16.2	36
151	The dynamics of the global wood pellet markets and trade [key regions, developments and impact factors. <i>Biofuels, Bioproducts and Biorefining</i> , <b>2019</b> , 13, 267-280	5.3	36
150	Non-fossil CO2 recycling [the technical potential for the present and future utilization for fuels in Germany. <i>Journal of CO2 Utilization</i> , <b>2019</b> , 30, 130-141	7.6	34
149	Monitoring the progress towards bioeconomy using multi-regional input-output analysis: The example of wood use in Germany. <i>Journal of Cleaner Production</i> , <b>2017</b> , 161, 1-11	10.3	33
148	Addressing uncertainty in decarbonisation policy mixes [Lessons learned from German and European bioenergy policy. <i>Energy Research and Social Science</i> , <b>2017</b> , 33, 82-94	7.7	33
147	The future of biomass and bioenergy deployment and trade: a synthesis of 15 years IEA Bioenergy Task 40 on sustainable bioenergy trade. <i>Biofuels, Bioproducts and Biorefining</i> , <b>2019</b> , 13, 247-266	5.3	28
146	Handling uncertainty in bioenergy policy design [A case study analysis of UK and German bioelectricity policy instruments. <i>Biomass and Bioenergy</i> , <b>2015</b> , 79, 64-79	5.3	28
145	Hydrothermal processes as treatment paths for biogenic residues in Germany: A review of the technology, sustainability and legal aspects. <i>Journal of Cleaner Production</i> , <b>2018</b> , 172, 239-252	10.3	28
144	Gaps and Research Demand for Sustainability Certification and Standardisation in a Sustainable Bio-Based Economy in the EU. <i>Sustainability</i> , <b>2018</b> , 10, 2455	3.6	27
143	Improved power provision from biomass: A retrospective on the impacts of German energy policy. <i>Biomass and Bioenergy</i> , <b>2018</b> , 111, 1-12	5.3	26
142	Biogas Upgrading: A Review of National Biomethane Strategies and Support Policies in Selected Countries. <i>Energies</i> , <b>2019</b> , 12, 3803	3.1	26
141	Renewable methane [A technology evaluation by multi-criteria decision making from a European perspective. <i>Energy</i> , <b>2017</b> , 139, 468-484	7.9	26
140	Revealing the Environmental Advantages of Industrial Symbiosis in Wood-Based Bioeconomy Networks: An Assessment From a Life Cycle Perspective. <i>Journal of Industrial Ecology</i> , <b>2019</b> , 23, 808-822	7.2	26
139	When considering no man is an island [assessing bioenergy systems in a regional and LCA context: a review. <i>International Journal of Life Cycle Assessment</i> , <b>2016</b> , 21, 885-902	4.6	25
138	Cascade use indicators for selected biopolymers: Are we aiming for the right solutions in the design for recycling of bio-based polymers?. <i>Waste Management and Research</i> , <b>2017</b> , 35, 367-378	4	24
137	Reasonable potential for GHG savings by anaerobic biomethane in Germany and UK derived from economic and ecological analyses. <i>Applied Energy</i> , <b>2016</b> , 184, 840-852	10.7	24
136	Contributions of flexible power generation from biomass to a secure and cost-effective electricity supply [review of potentials, incentives and obstacles in Germany. <i>Energy, Sustainability and Society</i> , <b>2018</b> , 8,	3.9	24
135	Towards energy landscapes [Pathfinder for sustainable wind power locations [Energy, <b>2017</b> , 134, 611-621	7.9	23

134	Completion of wind turbine data sets for wind integration studies applying random forests and k-nearest neighbors. <i>Applied Energy</i> , <b>2017</b> , 208, 252-262	10.7	23
133	Governance of sustainability in the German biogas sector Adaptive management of the Renewable Energy Act between agriculture and the energy sector. <i>Energy, Sustainability and Society</i> , <b>2020</b> , 10,	3.9	22
132	Unlocking the Energy Potential of Manure An Assessment of the Biogas Production Potential at the Farm Level in Germany. <i>Agriculture (Switzerland)</i> , <b>2016</b> , 6, 20	3	22
131	From Paris agreement to business cases for upgraded biogas: Analysis of potential market uptake for biomethane plants in Germany using biogenic carbon capture and utilization technologies. <i>Biomass and Bioenergy</i> , <b>2019</b> , 120, 313-323	5.3	22
130	Competitiveness of advanced and conventional biofuels: Results from least-cost modelling of biofuel competition in Germany. <i>Energy Policy</i> , <b>2017</b> , 107, 394-402	7.2	21
129	Flexible Biogas in Future Energy Systems Sleeping Beauty for a Cheaper Power Generation. <i>Energies</i> , <b>2018</b> , 11, 761	3.1	21
128	How not to compare apples and oranges: Generate context-specific performance reference points for a social life cycle assessment model. <i>Journal of Cleaner Production</i> , <b>2018</b> , 198, 587-600	10.3	21
127	Biogas plants and surplus generation: Cost driver or reducer in the future German electricity system?. <i>Energy Policy</i> , <b>2017</b> , 109, 324-336	7.2	21
126	How to measure flexibility Performance indicators for demand driven power generation from biogas plants. <i>Renewable Energy</i> , <b>2019</b> , 134, 135-146	8.1	21
125	Are decisions well supported for the energy transition? A review on modeling approaches for renewable energy policy evaluation. <i>Energy, Sustainability and Society</i> , <b>2017</b> , 7,	3.9	19
124	How to decarbonize the natural gas sector: A dynamic simulation approach for the market development estimation of renewable gas in Germany. <i>Applied Energy</i> , <b>2018</b> , 213, 555-572	10.7	19
123	How to measure the impact of biogenic residues, wastes and by-products: Development of a national resource monitoring based on the example of Germany. <i>Biomass and Bioenergy</i> , <b>2019</b> , 127, 105273	5.3	19
122	Fostering renewable energy provision from manure in Germany Where to implement GHG emission reduction incentives. <i>Energy Policy</i> , <b>2017</b> , 110, 471-477	7.2	19
121	The spatial dimension of the power system: Investigating hot spots of Smart Renewable Power Provision. <i>Applied Energy</i> , <b>2016</b> , 184, 1038-1050	10.7	19
120	Economic assessment of flexible power generation from biogas plants in Germany's future electricity system. <i>Renewable Energy</i> , <b>2020</b> , 146, 1471-1485	8.1	19
119	Synergies and trade-offs between nature conservation and climate policy: Insights from the Natural Capital Germany TEEB DE study. <i>Ecosystem Services</i> , <b>2017</b> , 24, 187-199	6.1	17
118	Biomass price developments inhibit biofuel investments and research in Germany: The crucial future role of high yields. <i>Journal of Cleaner Production</i> , <b>2018</b> , 172, 1654-1663	10.3	17
117	Techno-economic and environmental suitability criteria of hydrothermal processes for treating biogenic residues: A SWOT analysis approach. <i>Journal of Cleaner Production</i> , <b>2018</b> , 200, 293-304	10.3	17

116	Evaluation of biomethane technologies in Europe [Technical concepts under the scope of a Delphi-Survey embedded in a multi-criteria analysis. <i>Energy</i> , <b>2016</b> , 114, 1176-1186	7.9	17
115	Assessing the technical and environmental performance of wood-based fiber laminates with lignin based phenolic resin systems. <i>Resources, Conservation and Recycling</i> , <b>2019</b> , 141, 455-464	11.9	17
114	Resources, Collaborators, and Neighbors: The Three-Pronged Challenge in the Implementation of Bioeconomy Regions. <i>Sustainability</i> , <b>2019</b> , 11, 7235	3.6	16
113	Energy crops and pesticide contamination: Lessons learnt from the development of energy crop cultivation in Germany. <i>Biomass and Bioenergy</i> , <b>2014</b> , 70, 416-428	5.3	15
112	The circularity of potential bio-textile production routes: Comparing life cycle impacts of bio-based materials used within the manufacturing of selected leather substitutes. <i>Journal of Cleaner Production</i> , <b>2021</b> , 287, 125470	10.3	15
111	Wind energy expansion scenarios [A spatial sustainability assessment. <i>Energy</i> , <b>2019</b> , 180, 367-375	7.9	14
110	Pesticide runoff from energy crops: A threat to aquatic invertebrates?. <i>Science of the Total Environment</i> , <b>2015</b> , 537, 187-96	10.2	14
109	A Regional Socio-Economic Life Cycle Assessment of a Bioeconomy Value Chain. <i>Sustainability</i> , <b>2020</b> , 12, 1259	3.6	14
108	Optimal Siting of Wind Farms in Wind Energy Dominated Power Systems. <i>Energies</i> , <b>2018</b> , 11, 978	3.1	14
107	Comparative Life Cycle Assessment of HTC Concepts Valorizing Sewage Sludge for Energetic and Agricultural Use. <i>Energies</i> , <b>2019</b> , 12, 786	3.1	13
106	Greenhouse gas abatement optimal deployment of biofuels from crops in Germany. <i>Transportation Research, Part D: Transport and Environment</i> , <b>2019</b> , 69, 265-275	6.4	13
105	Modelling the effect of different agricultural practices on stream nitrogen load in central Germany. <i>Energy, Sustainability and Society</i> , <b>2016</b> , 6,	3.9	13
104	Competition--supporting or preventing an increased use of bioenergy?. <i>Biotechnology Journal</i> , <b>2007</b> , 2, 1514-24	5.6	13
103	RELCA: a REgional Life Cycle inventory for Assessing bioenergy systems within a region. <i>Energy, Sustainability and Society</i> , <b>2016</b> , 6,	3.9	13
102	Strategy Elements for a Sustainable Bioenergy Policy Based on Scenarios and Systems Modeling: Germany as Example. <i>Chemical Engineering and Technology</i> , <b>2017</b> , 40, 211-226	2	12
101	Capacity Expansion Pathways for a Wind and Solar Based Power Supply and the Impact of Advanced Technology[A Case Study for Germany. <i>Energies</i> , <b>2019</b> , 12, 324	3.1	12
100	A Method for Assessing Regional Bioenergy Potentials Based on GIS Data and a Dynamic Yield Simulation Model. <i>Energies</i> , <b>2020</b> , 13, 6488	3.1	12
99	The MILESTONES modeling framework: An integrated analysis of national bioenergy strategies and their global environmental impacts. <i>Environmental Modelling and Software</i> , <b>2016</b> , 86, 14-29	5.2	12

98	Bioenergy Carriers [From Smoothly Treated Biomass towards Solid and Gaseous Biofuels. <i>Chemie-Ingenieur-Technik</i> , <b>2018</b> , 90, 68-84	0.8	12
97	Urban Water Demand Simulation in Residential and Non-Residential Buildings Based on a CityGML Data Model. <i>ISPRS International Journal of Geo-Information</i> , <b>2020</b> , 9, 642	2.9	11
96	Future competitive bioenergy technologies in the German heat sector: Findings from an economic optimization approach. <i>Energy</i> , <b>2019</b> , 189, 116194	7.9	11
95	Smart Bioenergy <b>2015</b> ,		11
94	Robust bioenergy technologies for the German heat transition: A novel approach combining optimization modeling with Sobol sensitivity analysis. <i>Applied Energy</i> , <b>2020</b> , 262, 114534	10.7	10
93	How to identify suitable ways for the hydrothermal treatment of wet bio-waste? A critical review and methods proposal. <i>Waste Management and Research</i> , <b>2018</b> , 36, 912-923	4	10
92	Modelling biodiesel production within a regional context [A comparison with RED Benchmark. <i>Renewable Energy</i> , <b>2017</b> , 108, 355-370	8.1	9
91	Hidden outlaws in the forest? A legal and spatial analysis of onshore wind energy in Germany. <i>Energy Research and Social Science</i> , <b>2019</b> , 55, 14-25	7.7	9
90	Spatial Distribution of Wind Turbines, Photovoltaic Field Systems, Bioenergy, and River Hydro Power Plants in Germany. <i>Data</i> , <b>2019</b> , 4, 29	2.3	9
89	Recent Developments in Low iLUC Policies and Certification in the EU Biobased Economy. <i>Sustainability</i> , <b>2020</b> , 12, 8147	3.6	9
88	Insights from the Sustainability Monitoring Tool SUMINISTRO Applied to a Case Study System of Prospective Wood-Based Industry Networks in Central Germany. <i>Sustainability</i> , <b>2020</b> , 12, 3896	3.6	9
87	Time to tear down the pyramids? A critique of cascading hierarchies as a policy tool. <i>Wiley Interdisciplinary Reviews: Energy and Environment</i> , <b>2018</b> , 7, e279	4.7	9
86	Relative Greenhouse Gas Abatement Cost Competitiveness of Biofuels in Germany. <i>Energies</i> , <b>2018</b> , 11, 615	3.1	9
85	Consequential LCA and LCC using linear programming: an illustrative example of biorefineries. <i>International Journal of Life Cycle Assessment</i> , <b>2019</b> , 24, 2191-2205	4.6	9
84	Impact of the Renewable Energy Sources Act in Germany on electricity produced with solid biofuels [Lessons learned by monitoring the market development. <i>Biomass and Bioenergy</i> , <b>2013</b> , 53, 162-171	5.3	9
83	Energy Crops in Regional Biogas Systems: An Integrative Spatial LCA to Assess the Influence of Crop Mix and Location on Cultivation GHG Emissions. <i>Sustainability</i> , <b>2020</b> , 12, 237	3.6	7
82	The Availability and Assessment of Potential Agricultural Residues for the Regional Development of Second-Generation Bioethanol in Thailand. <i>Waste and Biomass Valorization</i> , <b>2021</b> , 12, 6091	3.2	7
81	Key Development Factors of Hydrothermal Processes in Germany by 2030: A Fuzzy Logic Analysis. <i>Energies</i> , <b>2018</b> , 11, 3532	3.1	7

80	One Century of Bioenergy in Germany: Wildcard and Advanced Technology. <i>Chemie-Ingenieur-Technik</i> , <b>2018</b> , 90, 1676-1698	0.8	7
79	Biomass flow in bioeconomy: Overview for Germany. <i>Renewable and Sustainable Energy Reviews</i> , <b>2021</b> , 150, 111449	16.2	7
78	Give them credit-the greenhouse gas performance of regional biogas systems. <i>GCB Bioenergy</i> , <b>2019</b> , 11, 791-808	5.6	6
77	Future Renewable Fuel Mixes in Transport in Germany under RED II and Climate Protection Targets. <i>Energies</i> , <b>2020</b> , 13, 1712	3.1	6
76	The Role of Sustainability Requirements in International Bioenergy Markets. <i>Lecture Notes in Energy</i> , <b>2014</b> , 125-149	0.4	6
75	Strengths and gaps of the EU frameworks for the sustainability assessment of bio-based products and bioenergy. <i>Energy, Sustainability and Society</i> , <b>2020</b> , 10,	3.9	6
74	Making the COVID-19 crisis a real opportunity for environmental sustainability. <i>Sustainability Science</i> , <b>2021</b> , 1-9	6.4	6
73	Environmental Sustainability Post-COVID-19: Scrutinizing Popular Hypotheses from a Social Science Perspective. <i>Sustainability</i> , <b>2021</b> , 13, 8679	3.6	6
72	Status and Perspectives of Biomass Use for Industrial Process Heat for Industrialized Countries. <i>Chemical Engineering and Technology</i> , <b>2020</b> , 43, 1469-1484	2	5
71	Environmental-Economic Assessment of the Pressure Swing Adsorption Biogas Upgrading Technology. <i>Bioenergy Research</i> , <b>2020</b> , 14, 901	3.1	5
70	Electrofuels from excess renewable electricity at high variable renewable shares: cost, greenhouse gas abatement, carbon use and competition. <i>Sustainable Energy and Fuels</i> , <b>2021</b> , 5, 828-843	5.8	5
69	Impact of flexible bioenergy provision on residual load fluctuation: a case study for the TransnetBW transmission system in 2022. <i>Energy, Sustainability and Society</i> , <b>2017</b> , 7,	3.9	4
68	Development of Bioenergy Trade in Four Different Settings □The Role of Potential and Policies. <i>Lecture Notes in Energy</i> , <b>2014</b> , 65-101	0.4	4
67	Hydrothermal carbonization for sludge disposal in Germany: A comparative assessment for industrial-scale scenarios in 2030. <i>Journal of Industrial Ecology</i> , <b>2021</b> , 25, 720-734	7.2	4
66	Generation of Spatiotemporally Resolved Power Production Data of PV Systems in Germany. <i>ISPRS International Journal of Geo-Information</i> , <b>2020</b> , 9, 621	2.9	3
65	Bioenergy plants□potential for contributing to heat generation in Germany. <i>Energy, Sustainability and Society</i> , <b>2020</b> , 10,	3.9	3
64	Greenhouse Gas Abatement Potentials and Economics of Selected Biochemicals in Germany. <i>Sustainability</i> , <b>2020</b> , 12, 2230	3.6	3
63	The crucial role of biomass-based heat in a climate-friendly Germany□ scenario analysis. <i>Energy</i> , <b>2019</b> , 186, 115859	7.9	3

62	Modeling of the power generation from wind turbines with high spatial and temporal resolution		3
61	Bioenergy beyond the German Energiewende – Assessment framework for integrated bioenergy strategies. <i>Biomass and Bioenergy</i> , <b>2020</b> , 142, 105769	5.3	3
60	Effects of the German Renewable Energy Sources Act and environmental, social and economic factors on biogas plant adoption and agricultural land use change. <i>Energy, Sustainability and Society</i> , <b>2021</b> , 11,	3.9	3
59	Modeling of the German Wind Power Production with High Spatiotemporal Resolution. <i>ISPRS International Journal of Geo-Information</i> , <b>2021</b> , 10, 104	2.9	3
58	Optimal biomass allocation to the German bioeconomy based on conflicting economic and environmental objectives. <i>Journal of Cleaner Production</i> , <b>2021</b> , 309, 127465	10.3	3
57	Estimating the potentials for reducing the impacts on climate change by increasing the cascade use and extending the lifetime of wood products in Germany. <i>Resources Conservation &amp; Recycling X</i> , <b>2020</b> , 6, 100034	3.9	2
56	German Energy and Decarbonization Scenarios: Blind Spots – With Respect to Biomass-Based Carbon Removal Options. <i>Frontiers in Energy Research</i> , <b>2020</b> , 8,	3.8	2
55	Bioenergie – Beitrag zum heutigen und zukünftigen Energiesystem. <i>Zeitschrift für Energiewirtschaft</i> , <b>2016</b> , 40, 181-197	0.7	2
54	Chapter 7: Biomass-based Green Energy Generation. <i>RSC Green Chemistry</i> , <b>2009</b> , 86-124	0.9	2
53	Temporal and spatial availability of cereal straw in Germany – Case study: Biomethane for the transport sector. <i>Energy, Sustainability and Society</i> , <b>2020</b> , 10,	3.9	2
52	A framework for implementing holistic and integrated life cycle sustainability assessment of regional bioeconomy. <i>International Journal of Life Cycle Assessment</i> , <b>2021</b> , 26, 1998	4.6	2
51	Einführung in das System Bioökonomie <b>2020</b> , 1-19		2
50	Flexible Heat Provision from Biomass <b>2015</b> , 83-105		2
49	Ökosystembasierte Klimapolitik für Deutschland <b>2017</b> , 237-260		2
48	What could be the future of hydrothermal processing wet biomass in Germany by 2030? A semi-quantitative system analysis. <i>Biomass and Bioenergy</i> , <b>2020</b> , 138, 105588	5.3	2
47	Nebenprodukte, Rückstände und Abfälle <b>2016</b> , 273-323		2
46	Nine Measures to Take – Unlocking the Potential for Biomass Heat in the German Industry and the Trade, Commerce, and Service Sector. <i>Energies</i> , <b>2020</b> , 13, 4614	3.1	2
45	The Role of a Renewable Energy Target for the Transport Sector Beyond 2020: Lessons Learned from EU Biofuel Policy <b>2019</b> , 527-542		2



44	Biomethane: Local Energy Carrier or European Commodity? <b>2019</b> , 543-557		2
43	Identifying the Necessities of Regional-Based Analysis to Study Germany's Biogas Production Development under Energy Transition. <i>Land</i> , <b>2021</b> , 10, 135	3.5	2
42	Spatial Distribution of Overhead Power Lines and Underground Cables in Germany in 2016. <i>Data</i> , <b>2018</b> , 3, 34	2.3	2
41	A GIS-Based Simulation Method for Regional Food Potential and Demand. <i>Land</i> , <b>2021</b> , 10, 880	3.5	2
40	Integrating Biogas Plants into Microgrids for Bridging Temporary Power Supply Interruptions. <i>Chemical Engineering and Technology</i> , <b>2019</b> , 42, 1078-1087	2	1
39	The Potential of Flexible Power Generation from Biomass: A Case Study for a German Region <b>2015</b> , 141-159		1
38	Combining Environmental Footprint Models, Remote Sensing Data, and Certification Data towards an Integrated Sustainability Risk Analysis for Certification in the Case of Palm Oil. <i>Sustainability</i> , <b>2020</b> , 12, 8273	3.6	1
37	Stakeholder perceptions about sustainability governance in the German biogas sector. <i>Energy, Sustainability and Society</i> , <b>2020</b> , 10,	3.9	1
36	Spatiotemporal Modeling of the Electricity Production from Variable Renewable Energies in Germany. <i>ISPRS International Journal of Geo-Information</i> , <b>2022</b> , 11, 90	2.9	1
35	Bridging Modeling and Certification to Evaluate Low-ILUC-Risk Practices for Biobased Materials with a User-Friendly Tool. <i>Sustainability</i> , <b>2022</b> , 14, 2030	3.6	1
34	Biomethane from Manure, Agricultural Residues and Biowaste CO <sub>2</sub> Emissions and CH <sub>4</sub> Mitigation Potential from Residue-Based Biomethane in the European Transport Sector. <i>Sustainability</i> , <b>2021</b> , 13, 14007	3.6	1
33	Bottom-up assessment of local agriculture, forestry and urban waste potentials towards energy autonomy of isolated regions: Example of Rügen. <i>Energy for Sustainable Development</i> , <b>2022</b> , 66, 125-139	5.4	1
32	Monitoring der Bioökonomie <b>2020</b> , 311-319		1
31	Biomass Resources and Sustainability Issues for a Flexible Bioenergy Provision <b>2015</b> , 33-48		1
30	A consolidated potential analysis of bio-methane and e-methane using two different methods for a medium-term renewable gas supply in Germany. <i>Energy, Sustainability and Society</i> , <b>2020</b> , 10,	3.9	1
29	Anticipatory study for identifying the key influential factors of the biogas system in Germany contributing to the energy system of 2050. <i>Futures</i> , <b>2021</b> , 128, 102704	3.6	1
28	Managing spatial sustainability trade-offs: The case of wind power. <i>Ecological Economics</i> , <b>2021</b> , 185, 107629	3.29	1
27	Trends and Challenges in Regional Life Cycle Management: A Bibliometric Analysis. <i>Sustainability</i> , <b>2021</b> , 13, 10335	3.6	1

26	A Comparison of Functional Fillers Greenhouse Gas Emissions and Air Pollutants from Lignin-Based Filler, Carbon Black and Silica. <i>Sustainability</i> , <b>2022</b> , 14, 5393	3.6	1
25	All in One: A Comprehensive Goal and Indicator System for Smart Bioenergy. <i>Chemical Engineering and Technology</i> , <b>2020</b> , 43, 1554-1563	2	0
24	Drivers of Risks for Biodiversity and Ecosystem Services: Biogas Plants Development in Germany <b>2019</b> , 113-117		0
23	Empirical greenhouse gas assessment for flexible bioenergy in interaction with the German power sector. <i>Renewable Energy</i> , <b>2022</b> , 181, 1100-1109	8.1	0
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