

# Daniela Thrn

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

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	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
168	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
167	Bottom-up assessment of local agriculture, forestry and urban waste potentials towards energy autonomy of isolated regions: Example of Rünion. <i>Energy for Sustainable Development</i> , <b>2022</b> , 66, 125-139	5.4	1
166	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
165	What Drives a Future German Bioeconomy? A Narrative and STEEPLE Analysis for Explorative Characterisation of Scenario Drivers. <i>Sustainability</i> , <b>2022</b> , 14, 3045	3.6	0
164	Comprehensive LCA of Biobased Sustainable Aviation Fuels and JET A-1 Multiblend. <i>Applied Sciences (Switzerland)</i> , <b>2022</b> , 12, 3372	2.6	
163	Benopt-Heat: An economic optimization model to identify robust bioenergy technologies for the German heat transition. <i>SoftwareX</i> , <b>2022</b> , 18, 101032	2.7	0
162	A bottom-up GIS-based method for simulation of ground-mounted PV potentials at regional scale. <i>Energy Reports</i> , <b>2022</b> , 8, 5053-5066	4.6	
161	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
160	Drivers and Barriers to Substituting Firewood with Biomass Briquettes in the Kenyan Tea Industry. <i>Sustainability</i> , <b>2022</b> , 14, 5611	3.6	
159	Monitoring the Bioeconomy <b>2022</b> , 303-311		
158	Introduction to the Bioeconomy System <b>2022</b> , 1-19		
157	Assessment of the Bioeconomy System in Germany <b>2022</b> , 361-373		
156	Scenarios and Models for the Design of a Sustainable Bioeconomy <b>2022</b> , 289-302		
155	Biomethane from Manure, Agricultural Residues and Biowaste CHG Mitigation Potential from Residue-Based Biomethane in the European Transport Sector. <i>Sustainability</i> , <b>2021</b> , 13, 14007	3.6	1
154	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
153	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

152	Integrating Regionalized Socioeconomic Considerations onto Life Cycle Assessment for Evaluating Bioeconomy Value Chains: A Case Study on Hybrid Wood-Concrete Ceiling Elements. <i>Sustainability</i> , <b>2021</b> , 13, 4221	3.6	0
151	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
150	Incorporating consumer choice into an optimization model for the German heat sector: Effects on projected bioenergy use. <i>Journal of Cleaner Production</i> , <b>2021</b> , 295, 126319	10.3	0
149	Managing spatial sustainability trade-offs: The case of wind power. <i>Ecological Economics</i> , <b>2021</b> , 185, 107629	9.2	1
148	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
147	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
146	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
145	A Systematic Approach for Assessing and Managing the Urban Bioeconomy <b>2021</b> , 393-410		0
144	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
143	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
142	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
141	Making the COVID-19 crisis a real opportunity for environmental sustainability. <i>Sustainability Science</i> , <b>2021</b> , 1-9	6.4	6
140	A GIS-Based Simulation Method for Regional Food Potential and Demand. <i>Land</i> , <b>2021</b> , 10, 880	3.5	2
139	Environmental Sustainability Post-COVID-19: Scrutinizing Popular Hypotheses from a Social Science Perspective. <i>Sustainability</i> , <b>2021</b> , 13, 8679	3.6	6
138	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
137	Trends and Challenges in Regional Life Cycle Management: A Bibliometric Analysis. <i>Sustainability</i> , <b>2021</b> , 13, 10335	3.6	1
136	Biomass flow in bioeconomy: Overview for Germany. <i>Renewable and Sustainable Energy Reviews</i> , <b>2021</b> , 150, 111449	16.2	7
135	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

134	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
133	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
132	Recent Developments in Low iLUC Policies and Certification in the EU Biobased Economy. <i>Sustainability</i> , <b>2020</b> , 12, 8147	3.6	9
131	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
130	Stakeholder perceptions about sustainability governance in the German biogas sector. <i>Energy, Sustainability and Society</i> , <b>2020</b> , 10,	3.9	1
129	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
128	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
127	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
126	A Regional Socio-Economic Life Cycle Assessment of a Bioeconomy Value Chain. <i>Sustainability</i> , <b>2020</b> , 12, 1259	3.6	14
125	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
124	Bioenergy plants' potential for contributing to heat generation in Germany. <i>Energy, Sustainability and Society</i> , <b>2020</b> , 10,	3.9	3
123	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
122	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
121	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
120	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
119	Greenhouse Gas Abatement Potentials and Economics of Selected Biochemicals in Germany. <i>Sustainability</i> , <b>2020</b> , 12, 2230	3.6	3
118	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
117	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

116 Szenarien und Modelle zur Gestaltung einer nachhaltigen Bioökonomie **2020**, 297-310

115 Monitoring der Bioökonomie **2020**, 311-319

1

114 Standortbestimmung des Systems Bioökonomie in Deutschland **2020**, 373-386

113 Einführung in das System Bioökonomie **2020**, 1-19

2

112 What could be the future of hydrothermal processing wet biomass in Germany by 2030? A semi-quantitative system analysis. *Biomass and Bioenergy*, **2020**, 138, 105588

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111 Nine Measures to Take—Unlocking the Potential for Biomass Heat in the German Industry and the Trade, Commerce, and Service Sector. *Energies*, **2020**, 13, 4614

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110 Bioenergy beyond the German Energiewende—Assessment framework for integrated bioenergy strategies. *Biomass and Bioenergy*, **2020**, 142, 105769

5:3 3

109 Strengths and gaps of the EU frameworks for the sustainability assessment of bio-based products and bioenergy. *Energy, Sustainability and Society*, **2020**, 10,

3:9 6

108 Environmental-Economic Assessment of the Pressure Swing Adsorption Biogas Upgrading Technology. *Bioenergy Research*, **2020**, 14, 901

3:1 5

107 A consolidated potential analysis of bio-methane and e-methane using two different methods for a medium-term renewable gas supply in Germany. *Energy, Sustainability and Society*, **2020**, 10,

3:9 1

106 Economic assessment of flexible power generation from biogas plants in Germany's future electricity system. *Renewable Energy*, **2020**, 146, 1471-1485

8:1 19

105 ENSPRESO - an open, EU-28 wide, transparent and coherent database of wind, solar and biomass energy potentials. *Energy Strategy Reviews*, **2019**, 26, 100379

9:8 38

104 Give them credit—the greenhouse gas performance of regional biogas systems. *GCB Bioenergy*, **2019**, 11, 791-808

5:6 6

103 Hidden outlaws in the forest? A legal and spatial analysis of onshore wind energy in Germany. *Energy Research and Social Science*, **2019**, 55, 14-25

7:7 9

102 Integrating Biogas Plants into Microgrids for Bridging Temporary Power Supply Interruptions. *Chemical Engineering and Technology*, **2019**, 42, 1078-1087

2 1

101 Wind energy expansion scenarios—A spatial sustainability assessment. *Energy*, **2019**, 180, 367-375

7:9 14

100 Stakeholders' Interests and Perceptions of Bioeconomy Monitoring Using a Sustainable Development Goal Framework. *Sustainability*, **2019**, 11, 1511

3:6 41

99 Comparative Life Cycle Assessment of HTC Concepts Valorizing Sewage Sludge for Energetic and Agricultural Use. *Energies*, **2019**, 12, 786

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98	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
97	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
96	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
95	The dynamics of the global wood pellet markets and trade Ikey regions, developments and impact factors. <i>Biofuels, Bioproducts and Biorefining</i> , <b>2019</b> , 13, 267-280	5.3	36
94	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
93	Biogas Substrates from Municipalities and Industries <b>2019</b> , 101-111		
92	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
91	The crucial role of biomass-based heat in a climate-friendly Germany A scenario analysis. <i>Energy</i> , <b>2019</b> , 186, 115859	7.9	3
90	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
89	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
88	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
87	Drivers of Risks for Biodiversity and Ecosystem Services: Biogas Plants Development in Germany <b>2019</b> , 113-117		0
86	Removal of Agricultural Residues from Conventional Cropping Systems <b>2019</b> , 263-269		
85	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
84	Biomethane: Local Energy Carrier or European Commodity? <b>2019</b> , 543-557		2
83	Non-fossil CO2 recycling II 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
82	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
81	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

80	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
79	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
78	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
77	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
76	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
75	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
74	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
73	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
72	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
71	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
70	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
69	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
68	Relative Greenhouse Gas Abatement Cost Competitiveness of Biofuels in Germany. <i>Energies</i> , <b>2018</b> , 11, 615	3.1	9
67	Flexible Biogas in Future Energy Systems [Sleeping Beauty for a Cheaper Power Generation. <i>Energies</i> , <b>2018</b> , 11, 761	3.1	21
66	Optimal Siting of Wind Farms in Wind Energy Dominated Power Systems. <i>Energies</i> , <b>2018</b> , 11, 978	3.1	14
65	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
64	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
63	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

62	Transitioning the Heat Supply System □Challenges with Special Focus on Bioenergy in the Context of Urban Areas. <i>Future City</i> , <b>2018</b> , 173-196	0.1	
61	Spatial Distribution of Overhead Power Lines and Underground Cables in Germany in 2016. <i>Data</i> , <b>2018</b> , 3, 34	2.3	2
60	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
59	One Century of Bioenergy in Germany: Wildcard and Advanced Technology. <i>Chemie-Ingenieur-Technik</i> , <b>2018</b> , 90, 1676-1698	0.8	7
58	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
57	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
56	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
55	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
54	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
53	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
52	Towards energy landscapes □Pathfinder for sustainable wind power locations□ <i>Energy</i> , <b>2017</b> , 134, 611-621	7.9	23
51	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
50	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
49	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
48	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
47	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
46	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
45	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



44	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
43	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
42	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
41	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
40	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
39	□osystembasierte Klimapolitik □□Deutschland <b>2017</b> , 237-260		2
38	Bioenergie □Beitrag zum heutigen und zuk□ftigen Energiesystem. <i>Zeitschrift □□Energiewirtschaft</i> , <b>2016</b> , 40, 181-197	0.7	2
37	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
36	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
35	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
34	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
33	Bereitstellungskonzepte <b>2016</b> , 325-382		
32	Nebenprodukte, R□kstoffe und Abf□lle <b>2016</b> , 273-323		2
31	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
30	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
29	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
28	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
27	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

26	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
25	The Potential of Flexible Power Generation from Biomass: A Case Study for a German Region <b>2015</b> , 141-159		1
24	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
23	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
22	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
21	Smart Bioenergy <b>2015</b> ,		11
20	Biomass Resources and Sustainability Issues for a Flexible Bioenergy Provision <b>2015</b> , 33-48		1
19	Flexible Heat Provision from Biomass <b>2015</b> , 83-105		2
18	Intermediate Biofuels to Support a Flexible Application of Biomass <b>2015</b> , 121-140		
17	Demand for the Flexible Provision of Bioenergy Carriers: An Overview of the Different Energy Sectors in Germany <b>2015</b> , 11-31		
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