

AndrÃ© Faaij

List of Publications by Year in descending order

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300
papers

27,447
citations

4960

84
h-index

6996

154
g-index

307
all docs

307
docs citations

307
times ranked

21330
citing authors

#	ARTICLE	IF	CITATIONS
1	The impact of land-use change emissions on the potential of bioenergy as climate change mitigation option for a Brazilian low-carbon energy system. <i>GCB Bioenergy</i> , 2022, 14, 110-131.	5.6	9
2	Potential role of natural gas infrastructure in China to supply low-carbon gases during 2020–2050. <i>Applied Energy</i> , 2022, 306, 117989.	10.1	15
3	Regionalization of a national integrated energy system model: A case study of the northern Netherlands. <i>Applied Energy</i> , 2022, 306, 118035.	10.1	12
4	Rapid screening and probabilistic estimation of the potential for CO ₂ -EOR and associated geological CO ₂ storage in Colombian petroleum basins. <i>Petroleum Geoscience</i> , 2022, 28, .	1.5	5
5	Modelling a highly decarbonised North Sea energy system in 2050: A multinational approach. <i>Advances in Applied Energy</i> , 2022, 5, 100080.	13.2	19
6	Fully integrated CO ₂ mitigation strategy for an existing refinery: A case study in Colombia. <i>Applied Energy</i> , 2022, 313, 118771.	10.1	10
7	Linear programming formulation of a high temporal and technological resolution integrated energy system model for the energy transition. <i>MethodsX</i> , 2022, 9, 101732.	1.6	4
8	Detailed spatial analysis of renewables TM potential and heat: A study of Groningen Province in the northern Netherlands. <i>Applied Energy</i> , 2022, 318, 119149.	10.1	1
9	Benefits of an integrated power and hydrogen offshore grid in a net-zero North Sea energy system. <i>Advances in Applied Energy</i> , 2022, 7, 100097.	13.2	4
10	System analysis of the bio-based economy in Colombia: A bottom-up energy system model and scenario analysis. <i>Biofuels, Bioproducts and Biorefining</i> , 2021, 15, 481-501.	3.7	13
11	Assessing bio-oil processing routes as CO ₂ mitigation strategies in oil refineries. <i>Biofuels, Bioproducts and Biorefining</i> , 2021, 15, 305-333.	3.7	24
12	Measuring accuracy and computational capacity trade-offs in an hourly integrated energy system model. <i>Advances in Applied Energy</i> , 2021, 1, 100009.	13.2	21
13	A review of the role of spatial resolution in energy systems modelling: Lessons learned and applicability to the North Sea region. <i>Renewable and Sustainable Energy Reviews</i> , 2021, 141, 110857.	16.4	40
14	Spatial and temporal analysis of cumulative environmental effects of offshore wind farms in the North Sea basin. <i>Scientific Reports</i> , 2021, 11, 10125.	3.3	21
15	Evaluating the suitability of marginal land for a perennial energy crop on the Loess Plateau of China. <i>GCB Bioenergy</i> , 2021, 13, 1388-1406.	5.6	10
16	Techno-economic and life cycle greenhouse gas emissions assessment of liquefied natural gas supply chain in China. <i>Energy</i> , 2021, 224, 120049.	8.8	13
17	Improving the analytical framework for quantifying technological progress in energy technologies. <i>Renewable and Sustainable Energy Reviews</i> , 2021, 145, 111084.	16.4	17
18	Regionalized cost supply potential of bioenergy crops and residues in Colombia: A hybrid statistical balance and land suitability allocation scenario analysis. <i>Biomass and Bioenergy</i> , 2021, 150, 106096.	5.7	8

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19	Local energy planning in the built environment: An analysis of model characteristics. <i>Renewable and Sustainable Energy Reviews</i> , 2021, 144, 111030.	16.4	14
20	Modelling of decarbonisation transition in national integrated energy system with hourly operational resolution. <i>Advances in Applied Energy</i> , 2021, 3, 100043.	13.2	22
21	Harmonized comparison of virgin steel production using biomass with carbon capture and storage for negative emissions. <i>International Journal of Greenhouse Gas Control</i> , 2021, 112, 103519.	4.6	13
22	The potential of a bioeconomy to reduce Brazilian GHG emissions towards 2030: a CGE-based life cycle analysis. <i>Biofuels, Bioproducts and Biorefining</i> , 2020, 14, 265-285.	3.7	17
23	Life cycle assessment integration into energy system models: An application for Power-to-Methane in the EU. <i>Applied Energy</i> , 2020, 259, 114160.	10.1	50
24	The distribution of food security impacts of biofuels, a Ghana case study. <i>Biomass and Bioenergy</i> , 2020, 141, 105695.	5.7	31
25	How does the interplay between resource availability, intersectoral competition and reliability affect a low-carbon power generation mix in Brazil for 2050?. <i>Energy</i> , 2020, 195, 116948.	8.8	13
26	Exploring the potential of carbon capture and storage-enhanced oil recovery as a mitigation strategy in the Colombian oil industry. <i>International Journal of Greenhouse Gas Control</i> , 2020, 94, 102938.	4.6	27
27	A Spatial Analysis of the Potentials for Offshore Wind Farm Locations in the North Sea Region: Challenges and Opportunities. <i>ISPRS International Journal of Geo-Information</i> , 2020, 9, 96.	2.9	33
28	Techno-economic performance of sustainable international bio-SNG production and supply chains on short and longer term. <i>Biofuels, Bioproducts and Biorefining</i> , 2019, 13, 325-357.	3.7	14
29	Economic performance and GHG emission intensity of sugarcane- and eucalyptus-derived biofuels and biobased chemicals in Brazil. <i>Biofuels, Bioproducts and Biorefining</i> , 2019, 13, 950-977.	3.7	17
30	Soft-linking of a behavioral model for transport with energy system cost optimization applied to hydrogen in EU. <i>Renewable and Sustainable Energy Reviews</i> , 2019, 115, 109349.	16.4	26
31	Exploring the emergence of a biojet fuel supply chain in Brazil: An agent-based modeling approach. <i>GCB Bioenergy</i> , 2019, 11, 773-790.	5.6	10
32	Pathways for a Brazilian biobased economy: towards optimal utilization of biomass. <i>Biofuels, Bioproducts and Biorefining</i> , 2019, 13, 673-689.	3.7	21
33	Recent and projected impacts of land use and land cover changes on carbon stocks and biodiversity in East Kalimantan, Indonesia. <i>Ecological Indicators</i> , 2019, 103, 563-575.	6.3	28
34	Using dynamic relative climate impact curves to quantify the climate impact of bioenergy production systems over time. <i>GCB Bioenergy</i> , 2019, 11, 427-443.	5.6	7
35	Assessing deployment pathways for greenhouse gas emissions reductions in an industrial plant – A case study for a complex oil refinery. <i>Applied Energy</i> , 2019, 236, 354-378.	10.1	51
36	Integrated assessment of biomass supply and demand in climate change mitigation scenarios. <i>Global Environmental Change</i> , 2019, 54, 88-101.	7.8	151

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37	On the macro-economic impact of bioenergy and biochemicals â€” Introducing advanced bioeconomy sectors into an economic modelling framework with a case study for the Netherlands. Biomass and Bioenergy, 2018, 108, 381-397.	5.7	37
38	Interregional assessment of socio-economic effects of sugarcane ethanol production in Brazil. Renewable and Sustainable Energy Reviews, 2018, 88, 347-362.	16.4	42
39	A review at the role of storage in energy systems with a focus on Power to Gas and long-term storage. Renewable and Sustainable Energy Reviews, 2018, 81, 1049-1086.	16.4	447
40	Unravelling the potential of energy efficiency in the Colombian oil industry. Journal of Cleaner Production, 2018, 176, 604-628.	9.3	35
41	Identifying key factors for mobilising under-utilised low carbon land resources: A case study on Kalimantan. Land Use Policy, 2018, 70, 198-211.	5.6	11
42	Techno-economic Comparison of Combined Cycle Gas Turbines with Advanced Membrane Configuration and Monoethanolamine Solvent at Part Load Conditions. Energy & Fuels, 2018, 32, 625-645.	5.1	17
43	Analyses of Land Cover Change Trajectories Leading to Tropical Forest Loss: Illustrated for the West Kutai and Mahakam Ulu Districts, East Kalimantan, Indonesia. Land, 2018, 7, 108.	2.9	13
44	Renewable jet fuel supply scenarios in the European Union in 2021â€”2030 in the context of proposed biofuel policy and competing biomass demand. GCB Bioenergy, 2018, 10, 661-682.	5.6	24
45	Exploring policy options to spur the expansion of ethanol production and consumption in Brazil: An agent-based modeling approach. Energy Policy, 2018, 123, 619-641.	8.8	20
46	Potential of Power-to-Methane in the EU energy transition to a low carbon system using cost optimization. Applied Energy, 2018, 232, 323-340.	10.1	148
47	Potential for hydrogen and Power-to-Liquid in a low-carbon EU energy system using cost optimization. Applied Energy, 2018, 232, 617-639.	10.1	154
48	Mapping land use changes resulting from biofuel production and the effect of mitigation measures. GCB Bioenergy, 2018, 10, 804-824.	5.6	33
49	Carbon balance and economic performance of pine plantations for bioenergy production in the Southeastern United States. Biomass and Bioenergy, 2018, 117, 44-55.	5.7	21
50	Impact of increased wood pellet demand on biodiversity in the south-eastern United States. GCB Bioenergy, 2018, 10, 841-860.	5.6	11
51	A review of key international biomass and bioenergy sustainability frameworks and certification systems and their application and implications in Colombia. Renewable and Sustainable Energy Reviews, 2018, 96, 460-478.	16.4	29
52	Emerging bioeconomy sectors in energy systems modeling â€” Integrated systems analysis of electricity, heat, road transport, aviation, and chemicals: a case study for the Netherlands. Biofuels, Bioproducts and Biorefining, 2018, 12, 665-693.	3.7	20
53	Biomass Resources, Worldwide. , 2018, , 1-53.		1
54	Sustainability constraints in determining European bioenergy potential: A review of existing studies and steps forward. Renewable and Sustainable Energy Reviews, 2017, 69, 719-734.	16.4	70

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55	Cost optimization of biofuel production â€” The impact of scale, integration, transport and supply chain configurations. Applied Energy, 2017, 195, 1055-1070.	10.1	134
56	Life-cycle analysis of greenhouse gas emissions from renewable jet fuel production. Biotechnology for Biofuels, 2017, 10, 64.	6.2	197
57	Low-ILUC-risk ethanol from Hungarian maize. Biomass and Bioenergy, 2017, 99, 57-68.	5.7	18
58	<scp>GHG</scp> emissions and other environmental impacts of indirect land use change mitigation. GCB Bioenergy, 2017, 9, 725-742.	5.6	21
59	Deployment of infrastructure configurations for large-scale CO 2 capture in industrial zones: A case study for the Rotterdam Botlek area (part B). International Journal of Greenhouse Gas Control, 2017, 60, 24-50.	4.6	12
60	Exploring path dependence, policy interactions, and actor behavior in the German biodiesel supply chain. Applied Energy, 2017, 195, 370-381.	10.1	19
61	Comprehensive characterisation and analysis of PV module performance under real operating conditions. Progress in Photovoltaics: Research and Applications, 2017, 25, 218-232.	8.1	57
62	Unravelling uncertainty and variability in early stage techno-economic assessments of carbon capture technologies. International Journal of Greenhouse Gas Control, 2017, 56, 221-236.	4.6	56
63	Challenges and uncertainties of ex ante techno-economic analysis of low TRL CO2 capture technology: Lessons from a case study of an NGCC with exhaust gas recycle and electric swing adsorption. Applied Energy, 2017, 208, 920-934.	10.1	51
64	How a Pareto frontier complements scenario projections in land use change impact assessment. Environmental Modelling and Software, 2017, 97, 287-302.	4.5	19
65	Geospatial analysis of the energy yield and environmental footprint of different photovoltaic module technologies. Solar Energy, 2017, 155, 1339-1353.	6.1	15
66	Greenhouse gas emission curves for advanced biofuel supply chains. Nature Climate Change, 2017, 7, 920-924.	18.8	57
67	A conceptual framework for the analysis of the effect of institutions on biofuel supply chains. Applied Energy, 2017, 185, 895-915.	10.1	29
68	Exploring under-utilised low carbon land resources from multiple perspectives: Case studies on regencies in Kalimantan. Land Use Policy, 2017, 60, 150-168.	5.6	11
69	Modeling the impacts of wood pellet demand on forest dynamics in southeastern United States. Biofuels, Bioproducts and Biorefining, 2017, 11, 1007-1029.	3.7	39
70	Projections of the availability and cost of residues from agriculture and forestry. GCB Bioenergy, 2016, 8, 456-470.	5.6	127
71	What can and can't we say about indirect landâ€™use change in Brazil using an integrated economic â€” landâ€™use change model?. GCB Bioenergy, 2016, 8, 561-578.	5.6	45
72	Bioethanol potential from miscanthus with low <scp>ILUC</scp> risk in the province of Lublin, Poland. GCB Bioenergy, 2016, 8, 909-924.	5.6	14

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73	Linking carbon stock change from land-use change to consumption of agricultural products: A review with Indonesian palm oil as a case study. <i>Journal of Environmental Management</i> , 2016, 184, 340-352.	7.8	7
74	Linking carbon stock change from land-use change to consumption of agricultural products: Alternative perspectives. <i>Journal of Environmental Management</i> , 2016, 182, 542-556.	7.8	13
75	Socio-economic impacts of low-carbon power generation portfolios: Strategies with and without CCS for the Netherlands. <i>Applied Energy</i> , 2016, 183, 257-277.	10.1	21
76	A cost roadmap for silicon heterojunction solar cells. <i>Solar Energy Materials and Solar Cells</i> , 2016, 147, 295-314.	6.2	226
77	Improving uncertainty evaluation of process models by using pedigree analysis. A case study on CO ₂ capture with monoethanolamine. <i>Computers and Chemical Engineering</i> , 2016, 85, 1-15.	3.8	22
78	Model development and process simulation of postcombustion carbon capture technology with aqueous AMP/PZ solvent. <i>International Journal of Greenhouse Gas Control</i> , 2016, 47, 176-199.	4.6	27
79	Business case uncertainty of power plants in future energy systems with wind power. <i>Energy Policy</i> , 2016, 89, 237-256.	8.8	18
80	Least-cost options for integrating intermittent renewables in low-carbon power systems. <i>Applied Energy</i> , 2016, 161, 48-74.	10.1	217
81	Detecting systemic change in a land use system by Bayesian data assimilation. <i>Environmental Modelling and Software</i> , 2016, 75, 424-438.	4.5	39
82	Competing uses of biomass for energy and chemicals: implications for long-term global CO ₂ mitigation potential. <i>GCB Bioenergy</i> , 2015, 7, 1321-1334.	5.6	50
83	Assessment of driving factors for yield and productivity developments in crop and cattle production as key to increasing sustainable biomass potentials. <i>Food and Energy Security</i> , 2015, 4, 36-75.	4.3	28
84	The feasibility of short-term production strategies for renewable jet fuels – a comprehensive techno-economic comparison. <i>Biofuels, Bioproducts and Biorefining</i> , 2015, 9, 778-800.	3.7	196
85	Life-cycle greenhouse gas emissions and energy payback time of current and prospective silicon heterojunction solar cell designs. <i>Progress in Photovoltaics: Research and Applications</i> , 2015, 23, 1406-1428.	8.1	51
86	Global solid biomass trade for energy by 2020: an assessment of potential import streams and supply costs to North-West Europe under different sustainability constraints. <i>GCB Bioenergy</i> , 2015, 7, 618-634.	5.6	71
87	Method for identifying drivers, barriers and synergies related to the deployment of a CO ₂ pipeline network. <i>International Journal of Greenhouse Gas Control</i> , 2015, 41, 82-106.	4.6	3
88	Investing in CO ₂ transport infrastructure under uncertainty: A comparison between ships and pipelines. <i>International Journal of Greenhouse Gas Control</i> , 2015, 41, 174-193.	4.6	38
89	Life cycle impact assessment of bio-based plastics from sugarcane ethanol. <i>Journal of Cleaner Production</i> , 2015, 90, 114-127.	9.3	142
90	Fuels and plastics from lignocellulosic biomass via the furan pathway: an economic analysis. <i>Biofuels, Bioproducts and Biorefining</i> , 2015, 9, 307-325.	3.7	25

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91	Operational flexibility and economics of power plants in future low-carbon power systems. Applied Energy, 2015, 156, 107-128.	10.1	232
92	Agent-based model of the German Biodiesel Supply Chain. Computer Aided Chemical Engineering, 2015, 37, 2045-2050.	0.5	0
93	Techno-economic performance and spatial footprint of infrastructure configurations for large scale CO2 capture in industrial zones. International Journal of Greenhouse Gas Control, 2015, 39, 256-284.	4.6	17
94	Outlook for ethanol production costs in Brazil up to 2030, for different biomass crops and industrial technologies. Applied Energy, 2015, 147, 593-610.	10.1	89
95	The influence of uncertainty in the development of a CO2 infrastructure network. Applied Energy, 2015, 158, 332-347.	10.1	44
96	Model collaboration for the improved assessment of biomass supply, demand, and impacts. GCB Bioenergy, 2015, 7, 422-437.	5.6	54
97	Socio-economic impacts of future electricity generation scenarios in Europe: Potential costs and benefits of using CO2 Capture and Storage (CCS). International Journal of Greenhouse Gas Control, 2015, 42, 471-484.	4.6	13
98	Bioenergy and climate change mitigation: an assessment. GCB Bioenergy, 2015, 7, 916-944.	5.6	494
99	Legal Harvesting, Sustainable Sourcing and Cascaded Use of Wood for Bioenergy: Their Coverage through Existing Certification Frameworks for Sustainable Forest Management. Forests, 2014, 5, 2163-2211.	2.1	36
100	Uncertainty in the deployment of Carbon Capture and Storage (CCS): A sensitivity analysis to techno-economic parameter uncertainty. International Journal of Greenhouse Gas Control, 2014, 27, 81-102.	4.6	53
101	Damaged forests provide an opportunity to mitigate climate change. GCB Bioenergy, 2014, 6, 44-60.	5.6	67
102	Comparative life cycle assessment of biomass co-firing plants with carbon capture and storage. Applied Energy, 2014, 131, 441-467.	10.1	100
103	Optimization potential of biomass supply chains with torrefaction technology. Biofuels, Bioproducts and Biorefining, 2014, 8, 253-282.	3.7	42
104	Integrated spatiotemporal modelling of bioenergy production potentials, agricultural land use, and related GHG balances; demonstrated for Ukraine. Biofuels, Bioproducts and Biorefining, 2014, 8, 391-411.	3.7	14
105	Comparative analysis of key socio-economic and environmental impacts of smallholder and plantation based jatropha biofuel production systems in Tanzania. Biomass and Bioenergy, 2014, 61, 25-45.	5.7	68
106	Uncertainty in Carbon Capture and Storage (CCS) deployment projections: a cross-model comparison exercise. Climatic Change, 2014, 123, 461-476.	3.6	93
107	Improved cost models for optimizing CO2 pipeline configuration for point-to-point pipelines and simple networks. International Journal of Greenhouse Gas Control, 2014, 22, 25-46.	4.6	86
108	Impacts of large-scale Intermittent Renewable Energy Sources on electricity systems, and how these can be modeled. Renewable and Sustainable Energy Reviews, 2014, 33, 443-466.	16.4	255

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109	Greenhouse gas mitigation effects of integrating biomass production into European agriculture. <i>Biofuels, Bioproducts and Biorefining</i> , 2014, 8, 374-390.	3.7	12
110	Monitoring sustainable biomass flows: General methodology development. <i>Biofuels, Bioproducts and Biorefining</i> , 2014, 8, 83-102.	3.7	12
111	Fuels and plastics from lignocellulosic biomass via the furan pathway; a technical analysis. <i>RSC Advances</i> , 2014, 4, 3536-3549.	3.6	61
112	Carbon payback period and carbon offset parity point of wood pellet production in the Southeastern United States. <i>GCB Bioenergy</i> , 2014, 6, 371-389.	5.6	76
113	The economic potential of wood pellet production from alternative, low-value wood sources in the southeast of the U.S.. <i>Biomass and Bioenergy</i> , 2014, 71, 443-454.	5.7	38
114	Energy demand and emissions of the non-energy sector. <i>Energy and Environmental Science</i> , 2014, 7, 482-498.	30.8	62
115	Current and future economic performance of first and second generation biofuels in developing countries. <i>Applied Energy</i> , 2014, 135, 115-141.	10.1	61
116	International and domestic uses of solid biofuels under different renewable energy support scenarios in the European Union. <i>Applied Energy</i> , 2014, 131, 139-157.	10.1	45
117	Benefits of coal-fired power generation with flexible CCS in a future northwest European power system with large scale wind power. <i>International Journal of Greenhouse Gas Control</i> , 2014, 28, 216-233.	4.6	59
118	The influence of risk mitigation measures on the risks, costs and routing of CO ₂ pipelines. <i>International Journal of Greenhouse Gas Control</i> , 2014, 29, 104-124.	4.6	19
119	Competing uses of biomass: Assessment and comparison of the performance of bio-based heat, power, fuels and materials. <i>Renewable and Sustainable Energy Reviews</i> , 2014, 40, 964-998.	16.4	132
120	Lignocellulosic feedstock supply systems with intermodal and overseas transportation. <i>Biofuels, Bioproducts and Biorefining</i> , 2014, 8, 794-818.	3.7	21
121	Combining empirical and theory-based land-use modelling approaches to assess economic potential of biofuel production avoiding iLUC: Argentina as a case study. <i>Renewable and Sustainable Energy Reviews</i> , 2014, 34, 208-224.	16.4	24
122	Global experience with <i>Jatropha</i> cultivation for bioenergy: An assessment of socio-economic and environmental aspects. <i>Renewable and Sustainable Energy Reviews</i> , 2014, 32, 869-889.	16.4	113
123	Mobilization of biomass for energy from boreal forests in Finland & Russia under present sustainable forest management certification and new sustainability requirements for solid biofuels. <i>Biomass and Bioenergy</i> , 2014, 71, 23-36.	5.7	22
124	Identifying a land use change cellular automaton by Bayesian data assimilation. <i>Environmental Modelling and Software</i> , 2014, 53, 121-136.	4.5	38
125	A General Introduction to International Bioenergy Trade. <i>Lecture Notes in Energy</i> , 2014, , 1-15.	0.3	1
126	Synthesis and Recommendations. <i>Lecture Notes in Energy</i> , 2014, , 213-224.	0.3	0

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127	Techno-economic performance and challenges of applying CO ₂ capture in the industry: A case study of five industrial plants. <i>International Journal of Greenhouse Gas Control</i> , 2013, 17, 259-279.	4.6	44
128	Benchmarking energy use in the paper industry: a benchmarking study on process unit level. <i>Energy Efficiency</i> , 2013, 6, 49-63.	2.8	55
129	Techno-economic prospects for CO ₂ capture from distributed energy systems. <i>Renewable and Sustainable Energy Reviews</i> , 2013, 19, 328-347.	16.4	48
130	Analysis of socio-economic impacts of sustainable sugarcane ethanol production by means of inter-regional Input-Output analysis: Demonstrated for Northeast Brazil. <i>Renewable and Sustainable Energy Reviews</i> , 2013, 28, 290-316.	16.4	68
131	Biomass torrefaction technology: Techno-economic status and future prospects. <i>Energy</i> , 2013, 62, 196-214.	8.8	256
132	Techno-economic assessment of micro-algae as feedstock for renewable bio-energy production. <i>Applied Energy</i> , 2013, 102, 461-475.	10.1	107
133	Macro-economic impact of large-scale deployment of biomass resources for energy and materials on a national level- A combined approach for the Netherlands. <i>Energy Policy</i> , 2013, 59, 727-744.	8.8	33
134	A Sensitivity Analysis of the Global Deployment of CCS to the Cost of Storage and Storage Capacity Estimates. <i>Energy Procedia</i> , 2013, 37, 7537-7544.	1.8	5
135	The GHG contribution of the cascaded use of harvested wood products in comparison with the use of wood for energy- A case study on available forest resources in Canada. <i>Environmental Science and Policy</i> , 2013, 31, 96-108.	4.9	51
136	Technical and economic prospects of coal- and biomass-fired integrated gasification facilities equipped with CCS over time. <i>International Journal of Greenhouse Gas Control</i> , 2013, 16, 311-323.	4.6	44
137	The Techno-Economic Potential of Integrated Gasification Co-Generation Facilities with CCS Going from Coal to Biomass. <i>Energy Procedia</i> , 2013, 37, 6053-6061.	1.8	11
138	The Flexibility Requirements for Power Plants with CCS in a Future Energy System with a Large Share of Intermittent Renewable Energy Sources. <i>Energy Procedia</i> , 2013, 37, 2657-2664.	1.8	12
139	Preliminary Results of a Techno-Economic Assessment of CO ₂ Capture-network Configurations in the Industry. <i>Energy Procedia</i> , 2013, 37, 7100-7107.	1.8	0
140	Future technological and economic performance of IGCC and FT production facilities with and without CO ₂ capture: Combining component based learning curve and bottom-up analysis. <i>International Journal of Greenhouse Gas Control</i> , 2013, 16, 287-310.	4.6	32
141	Environmental impact assessment of CCS chains - Lessons learned and limitations from LCA literature. <i>International Journal of Greenhouse Gas Control</i> , 2013, 13, 59-71.	4.6	113
142	Economic Optimization of CO ₂ Pipeline Configurations. <i>Energy Procedia</i> , 2013, 37, 3105-3112.	1.8	11
143	Fulfilling the electricity demand of electric vehicles in the long term future: An evaluation of centralized and decentralized power supply systems. <i>Applied Energy</i> , 2013, 107, 33-51.	10.1	58
144	Learning in dedicated wood production systems: Past trends, future outlook and implications for bioenergy. <i>Renewable and Sustainable Energy Reviews</i> , 2013, 19, 417-432.	16.4	37

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145	A state-of-the-art review of techno-economic models predicting the costs of CO2 pipeline transport. <i>International Journal of Greenhouse Gas Control</i> , 2013, 16, 241-270.	4.6	129
146	Indirect land use change: review of existing models and strategies for mitigation. <i>Biofuels</i> , 2012, 3, 87-100.	2.4	155
147	Replacing fossil based PET with biobased PEF; process analysis, energy and GHG balance. <i>Energy and Environmental Science</i> , 2012, 5, 6407.	30.8	478
148	Energy conversion strategies in the European paper industry – A case study in three countries. <i>Applied Energy</i> , 2012, 98, 102-113.	10.1	38
149	Jatropha: A Promising Crop for Africa’s Biofuel Production?. , 2012, , 27-40.		0
150	Techno-economic assessment of CO2 capture at steam methane reforming facilities using commercially available technology. <i>International Journal of Greenhouse Gas Control</i> , 2012, 9, 160-171.	4.6	85
151	Effect of CO2 capture on the emissions of air pollutants from industrial processes. <i>International Journal of Greenhouse Gas Control</i> , 2012, 10, 310-328.	4.6	18
152	Informed public opinion in the Netherlands: Evaluation of CO2 capture and storage technologies in comparison with other CO2 mitigation options. <i>International Journal of Greenhouse Gas Control</i> , 2012, 10, 169-180.	4.6	25
153	Performance of simulated flexible integrated gasification polygeneration facilities, Part B: Economic evaluation.. <i>Renewable and Sustainable Energy Reviews</i> , 2012, 16, 6083-6102.	16.4	79
154	Harmonising bioenergy resource potentials – Methodological lessons from review of state of the art bioenergy potential assessments. <i>Renewable and Sustainable Energy Reviews</i> , 2012, 16, 6598-6630.	16.4	125
155	Performance of batteries for electric vehicles on short and longer term. <i>Journal of Power Sources</i> , 2012, 212, 111-129.	7.8	280
156	Spatiotemporal cost supply curves for bioenergy production in Mozambique. <i>Biofuels, Bioproducts and Biorefining</i> , 2012, 6, 405-430.	3.7	20
157	Spatio-temporal uncertainty in Spatial Decision Support Systems: A case study of changing land availability for bioenergy crops in Mozambique. <i>Computers, Environment and Urban Systems</i> , 2012, 36, 30-42.	7.1	45
158	Spatiotemporal land use modelling to assess land availability for energy crops – illustrated for Mozambique. <i>GCB Bioenergy</i> , 2012, 4, 859-874.	5.6	30
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