

Jeremy Woods

List of Publications by Year in descending order

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Version: 2024-02-01

44
papers

1,934
citations

361045

20
h-index

301761

39
g-index

47
all docs

47
docs citations

47
times ranked

3138
citing authors

#	ARTICLE	IF	CITATIONS
1	Competition for land. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2010, 365, 2941-2957.	1.8	365
2	Policies for accelerating access to clean energy, improving health, advancing development, and mitigating climate change. <i>Lancet, The</i> , 2007, 370, 1264-1281.	6.3	271
3	Energy and the food system. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2010, 365, 2991-3006.	1.8	257
4	Reconciling food security and bioenergy: priorities for action. <i>GCB Bioenergy</i> , 2017, 9, 557-576.	2.5	112
5	Global developments in the competition for land from biofuels. <i>Food Policy</i> , 2011, 36, S52-S61.	2.8	104
6	Accounting for indirect land-use change in the life cycle assessment of biofuel supply chains. <i>Journal of the Royal Society Interface</i> , 2012, 9, 1105-1119.	1.5	91
7	Economic and GHG emissions analyses for sugarcane ethanol in Brazil: Looking forward. <i>Renewable and Sustainable Energy Reviews</i> , 2014, 40, 571-582.	8.2	54
8	Bioenergy and African transformation. <i>Biotechnology for Biofuels</i> , 2015, 8, 18.	6.2	53
9	Applying a science-based systems perspective to dispel misconceptions about climate effects of forest bioenergy. <i>GCB Bioenergy</i> , 2021, 13, 1210-1231.	2.5	49
10	The potential of CAM crops as a globally significant bioenergy resource: moving from "fuel or food" to "fuel and more food". <i>Energy and Environmental Science</i> , 2015, 8, 2320-2329.	15.6	47
11	Second-generation bio-based plastics are becoming a reality – Non-renewable energy and greenhouse gas (GHG) balance of succinic acid-based plastic end products made from lignocellulosic biomass. <i>Biofuels, Bioproducts and Biorefining</i> , 2018, 12, 426-441.	1.9	47
12	Friend or foe: Stakeholder attitudes towards biodegradable plastic packaging in food waste anaerobic digestion. <i>Resources, Conservation and Recycling</i> , 2021, 169, 105529.	5.3	43
13	Life Cycle Assessment and sustainability methodologies for assessing industrial crops, processes and end products. <i>Industrial Crops and Products</i> , 2011, 34, 1332-1339.	2.5	38
14	On the global limits of bioenergy and land use for climate change mitigation. <i>GCB Bioenergy</i> , 2017, 9, 1721-1735.	2.5	38
15	An energy-biochar chain involving biomass gasification and rice cultivation in Northern Italy. <i>GCB Bioenergy</i> , 2013, 5, 192-201.	2.5	34
16	Integrating Modelling Approaches for Understanding Telecoupling: Global Food Trade and Local Land Use. <i>Land</i> , 2017, 6, 56.	1.2	33
17	A review of policy analysis purpose and capabilities of electricity system models. <i>Renewable and Sustainable Energy Reviews</i> , 2016, 59, 1531-1544.	8.2	28
18	Technoeconomic and life-cycle analysis of single-step catalytic conversion of wet ethanol into fungible fuel blendstocks. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 12576-12583.	3.3	27

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19	Advancing anaerobic digestion of sugarcane vinasse: Current development, struggles and future trends on production and end-uses of biogas in Brazil. <i>Renewable and Sustainable Energy Reviews</i> , 2022, 157, 112045.	8.2	25
20	A global conversation about energy from biomass: the continental conventions of the global sustainable bioenergy project. <i>Interface Focus</i> , 2011, 1, 271-279.	1.5	24
21	Bio-Energy Systems at the Community Level in the South Pacific: Impacts & Monitoring. <i>Mitigation and Adaptation Strategies for Global Change</i> , 2006, 11, 469-500.	1.0	18
22	Horizon scanning the European bio-based economy: a novel approach to the identification of barriers and key policy interventions from stakeholders in multiple sectors and regions. <i>Biofuels, Bioproducts and Biorefining</i> , 2016, 10, 508-522.	1.9	17
23	Life cycle assessment (LCA): informing the development of a sustainable circular bioeconomy?. <i>Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences</i> , 2021, 379, 20200352.	1.6	16
24	The potential for expanding sustainable biogas production and some possible impacts in specific countries. <i>Biofuels, Bioproducts and Biorefining</i> , 2020, 14, 1335-1347.	1.9	15
25	EU land use futures: modelling food, bioenergy and carbon dynamics. <i>Energy Strategy Reviews</i> , 2020, 31, 100545.	3.3	14
26	Modelling carbon mitigation pathways by 2050: Insights from the Global Calculator. <i>Energy Strategy Reviews</i> , 2020, 29, 100494.	3.3	13
27	A whole-system approach for quantifying the value of smart electrification for decarbonising heating in buildings. <i>Energy Conversion and Management</i> , 2022, 268, 115952.	4.4	13
28	Designing landscapes for sustainable outcomes – The case of advanced biofuels. <i>Land Use Policy</i> , 2018, 73, 434-446.	2.5	10
29	Life Cycle Assessment of Sugarcane Growing Process in Fiji. <i>Sugar Tech</i> , 2018, 20, 692-699.	0.9	10
30	Assessing availability and greenhouse gas emissions of lignocellulosic biomass feedstock supply – case study for a catchment in England. <i>Biofuels, Bioproducts and Biorefining</i> , 2019, 13, 568-581.	1.9	10
31	Integration of bioenergy systems into UK agriculture – New options for management of nitrogen flows. <i>Biomass and Bioenergy</i> , 2013, 54, 219-226.	2.9	9
32	Novel integrated agricultural land management approach provides sustainable biomass feedstocks for bioplastics and supports the UK's net-zero target. <i>Environmental Research Letters</i> , 2021, 16, 014023.	2.2	9
33	Preliminary farm-level estimation of 20-year impact of introduction of energy crops in conventional farms in the UK. <i>Renewable and Sustainable Energy Reviews</i> , 2019, 116, 109407.	8.2	8
34	Liquefied biomethane from sugarcane vinasse and municipal solid waste: Sustainable fuel for a green-gas heavy duty road freight transport corridor in Sao Paulo state. <i>Journal of Cleaner Production</i> , 2022, 335, 130281.	4.6	6
35	Geospatial modelling of environmental and socioeconomic impacts of large-scale production of advanced biofuel. <i>Biomass and Bioenergy</i> , 2020, 142, 105789.	2.9	5
36	The environmental certification of biofuels. <i>ITF Round Tables</i> , 2008, , 189-209.	0.1	5

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37	A hybrid approach to identifying and assessing interactions between climate action (SDG13) policies and a range of SDGs in a UK context. Discover Sustainability, 2021, 2, 43.	1.4	5
38	Land Use Change and the European Biofuels Policy: The expansion of oilseed feedstocks on lands with high carbon stocks. OCL - Oilseeds and Fats, Crops and Lipids, 2019, 26, 39.	0.6	4
39	The use of system dynamics for energy and environmental education. International Journal of Educational Technology in Higher Education, 2022, 19, 5.	4.5	4
40	Keynote Introduction: Sustainability Considerations for Biofuels Production in Africa. , 2012, , 223-235.		1
41	The role of the land biosphere in climate change mitigation. , 0, , 202-244.		1
42	Can Energy Policy Drive Sustainable Land Use? Lessons from Biofuels Policy Development Over the Last Decade. , 2014, , 13-33.		1
43	<l>A Special Issue on</l>; Biofuels and Land Use Change. Journal of Biobased Materials and Bioenergy, 2010, 4, 185-186.	0.1	0
44	Reviewing the Opportunities and Impacts of Biofuel Policies from National Case Studies and the Potential for Crop Land Expansion to Fulfil Biofuel Requirements. Journal of Biobased Materials and Bioenergy, 2010, 4, 187-197.	0.1	0