

Jeremy Woods

List of Publications by Year in descending order

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Version: 2024-02-01

44
papers

1,934
citations

361413

20
h-index

302126

39
g-index

47
all docs

47
docs citations

47
times ranked

3138
citing authors

#	ARTICLE	IF	CITATIONS
1	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.	9.3	6
2	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.	16.4	25
3	The use of system dynamics for energy and environmental education. <i>International Journal of Educational Technology in Higher Education</i> , 2022, 19, 5.	7.6	4
4	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.	9.2	13
5	Applying a science-based systems perspective to dispel misconceptions about climate effects of forest bioenergy. <i>GCB Bioenergy</i> , 2021, 13, 1210-1231.	5.6	49
6	Friend or foe: Stakeholder attitudes towards biodegradable plastic packaging in food waste anaerobic digestion. <i>Resources, Conservation and Recycling</i> , 2021, 169, 105529.	10.8	43
7	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.	3.4	16
8	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.	5.2	9
9	A hybrid approach to identifying and assessing interactions between climate action (SDG13) policies and a range of SDGs in a UK context. <i>Discover Sustainability</i> , 2021, 2, 43.	2.8	5
10	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.	7.1	27
11	Geospatial modelling of environmental and socioeconomic impacts of large-scale production of advanced biofuel. <i>Biomass and Bioenergy</i> , 2020, 142, 105789.	5.7	5
12	The potential for expanding sustainable biogas production and some possible impacts in specific countries. <i>Biofuels, Bioproducts and Biorefining</i> , 2020, 14, 1335-1347.	3.7	15
13	EU land use futures: modelling food, bioenergy and carbon dynamics. <i>Energy Strategy Reviews</i> , 2020, 31, 100545.	7.3	14
14	Modelling carbon mitigation pathways by 2050: Insights from the Global Calculator. <i>Energy Strategy Reviews</i> , 2020, 29, 100494.	7.3	13
15	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.	16.4	8
16	Land Use Change and the European Biofuels Policy: The expansion of oilseed feedstocks on lands with high carbon stocks. <i>OCL - Oilseeds and Fats, Crops and Lipids</i> , 2019, 26, 39.	1.4	4
17	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.	3.7	10
18	Designing landscapes for sustainable outcomes – The case of advanced biofuels. <i>Land Use Policy</i> , 2018, 73, 434-446.	5.6	10

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19	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. Biofuels, Bioproducts and Biorefining, 2018, 12, 426-441.	3.7	47
20	Life Cycle Assessment of Sugarcane Growing Process in Fiji. Sugar Tech, 2018, 20, 692-699.	1.8	10
21	Reconciling food security and bioenergy: priorities for action. GCB Bioenergy, 2017, 9, 557-576.	5.6	112
22	On the global limits of bioenergy and land use for climate change mitigation. GCB Bioenergy, 2017, 9, 1721-1735.	5.6	38
23	Integrating Modelling Approaches for Understanding Telecoupling: Global Food Trade and Local Land Use. Land, 2017, 6, 56.	2.9	33
24	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. Biofuels, Bioproducts and Biorefining, 2016, 10, 508-522.	3.7	17
25	A review of policy analysis purpose and capabilities of electricity system models. Renewable and Sustainable Energy Reviews, 2016, 59, 1531-1544.	16.4	28
26	Bioenergy and African transformation. Biotechnology for Biofuels, 2015, 8, 18.	6.2	53
27	The potential of CAM crops as a globally significant bioenergy resource: moving from “fuel or food”™ to “fuel and more food”™. Energy and Environmental Science, 2015, 8, 2320-2329.	30.8	47
28	Economic and GHG emissions analyses for sugarcane ethanol in Brazil: Looking forward. Renewable and Sustainable Energy Reviews, 2014, 40, 571-582.	16.4	54
29	Can Energy Policy Drive Sustainable Land Use? Lessons from Biofuels Policy Development Over the Last Decade. , 2014, , 13-33.		1
30	An energy–biochar chain involving biomass gasification and rice cultivation in Northern Italy. GCB Bioenergy, 2013, 5, 192-201.	5.6	34
31	Integration of bioenergy systems into UK agriculture – New options for management of nitrogen flows. Biomass and Bioenergy, 2013, 54, 219-226.	5.7	9
32	Accounting for indirect land-use change in the life cycle assessment of biofuel supply chains. Journal of the Royal Society Interface, 2012, 9, 1105-1119.	3.4	91
33	Keynote Introduction: Sustainability Considerations for Biofuels Production in Africa. , 2012, , 223-235.		1
34	A global conversation about energy from biomass: the continental conventions of the global sustainable bioenergy project. Interface Focus, 2011, 1, 271-279.	3.0	24
35	Life Cycle Assessment and sustainability methodologies for assessing industrial crops, processes and end products. Industrial Crops and Products, 2011, 34, 1332-1339.	5.2	38
36	Global developments in the competition for land from biofuels. Food Policy, 2011, 36, S52-S61.	6.0	104

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37	Competition for land. Philosophical Transactions of the Royal Society B: Biological Sciences, 2010, 365, 2941-2957.	4.0	365
38	Energy and the food system. Philosophical Transactions of the Royal Society B: Biological Sciences, 2010, 365, 2991-3006.	4.0	257
39	<l>A Special Issue on</l>: Biofuels and Land Use Change. Journal of Biobased Materials and Bioenergy, 2010, 4, 185-186.	0.3	0
40	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.	0.3	0
41	The environmental certification of biofuels. ITF Round Tables, 2008, , 189-209.	0.1	5
42	Policies for accelerating access to clean energy, improving health, advancing development, and mitigating climate change. Lancet, The, 2007, 370, 1264-1281.	13.7	271
43	Bio-Energy Systems at the Community Level in the South Pacific: Impacts & Monitoring. Mitigation and Adaptation Strategies for Global Change, 2006, 11, 469-500.	2.1	18
44	The role of the land biosphere in climate change mitigation. , 0, , 202-244.		1