AndrÃ© Pc Faaij

List of Publications by Year
in descending order

46 papers	7,123 citations	172207 29 h-index	223531 46 g-index
47 all docs	47 docs citations	47 times ranked	7144 citing authors

#	Article	IF	Citations
1	Integral analysis of environmental and economic performance of combined agricultural intensification & bioenergy production in the Orinoquia region. Journal of Environmental Management, 2022, 303, 114137.	3.8	8
2	GHG Balance of Agricultural Intensification & Bioenergy Production in the Orinoquia Region, Colombia. Land, 2021, 10, 289.	1.2	11
3	The GHG emissions and economic performance of the Colombian palm oil sector; current status and long-term perspectives. Journal of Cleaner Production, 2020, 258, 120757.	4.6	30
4	Economic performance and GHG emission intensity of sugarcaneâ€•and eucalyptusâ€derived biofuels and biobased chemicals in Brazil. Biofuels, Bioproducts and Biorefining, 2019, 13, 950-977.	1.9	17
5	Projecting socio-economic impacts of bioenergy: Current status and limitations of ex-ante quantification methods. Renewable and Sustainable Energy Reviews, 2019, 115, 109352.	8.2	21
6	Recent and projected impacts of land use and land cover changes on carbon stocks and biodiversity in East Kalimantan, Indonesia. Ecological Indicators, 2019, 103, 563-575.	2.6	28
7	Interregional assessment of socio-economic effects of sugarcane ethanol production in Brazil. Renewable and Sustainable Energy Reviews, 2018, 88, 347-362.	8.2	42
8	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.	8.2	29
9	Intensification pathways for beef and dairy cattle production systems: Impacts on GHG emissions, land occupation and land use change. Agriculture, Ecosystems and Environment, 2017, 240, 135-147.	2.5	62
10	Low-ILUC-risk ethanol from Hungarian maize. Biomass and Bioenergy, 2017, 99, 57-68.	2.9	18
11	How a Pareto frontier complements scenario projections in land use change impact assessment. Environmental Modelling and Software, 2017, 97, 287-302.	1.9	19
12	Modeling the impacts of wood pellet demand on forest dynamics in southeastern United States. Biofuels, Bioproducts and Biorefining, 2017, 11, 1007-1029.	1.9	39
13	Socio-economic impacts of low-carbon power generation portfolios: Strategies with and without CCS for the Netherlands. Applied Energy, 2016, 183, 257-277.	5.1	21
14	Detecting systemic change in a land use system by Bayesian data assimilation. Environmental Modelling and Software, 2016, 75, 424-438.	1.9	39
15	Fuels and plastics from lignocellulosic biomass via the furan pathway: an economic analysis. Biofuels, Bioproducts and Biorefining, 2015, 9, 307-325.	1.9	25
16	Socio-economic impacts of future electricity generation scenarios in Europe: Potential costs and benefits of using CO 2 Capture and Storage (CCS). International Journal of Greenhouse Gas Control, 2015, 42, 471-484.	2.3	13
17	Optimization potential of biomass supply chains with torrefaction technology. Biofuels, Bioproducts and Biorefining, 2014, 8, 253-282.	1.9	42
18	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.	1.9	14

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19	Greenhouse gas mitigation effects of integrating biomass production into European agriculture. Biofuels, Bioproducts and Biorefining, 2014, 8, 374-390.	1.9	12
20	Identifying a land use change cellular automaton by Bayesian data assimilation. Environmental Modelling and Software, 2014, 53, 121-136.	1.9	38
21	Biomass production in agroforestry and forestry systems on salt-affected soils in South Asia: Exploration of the GHG balance and economic performance of three case studies. Journal of Environmental Management, 2013, 127, 324-334.	3.8	23
22	Indirect land use change: review of existing models and strategies for mitigation. Biofuels, 2012, 3, 87-100.	1.4	155
23	Performance of batteries for electric vehicles on short and longer term. Journal of Power Sources, 2012, 212, 111-129.	4.0	280
24	Spatiotemporal costâ€supply curves for bioenergy production in Mozambique. Biofuels, Bioproducts and Biorefining, 2012, 6, 405-430.	1.9	20
25	The international logistics of wood pellets for heating and power production in Europe: Costs, energyâ€input and greenhouse gas balances of pellet consumption in Italy, Sweden and the Netherlands. Biofuels, Bioproducts and Biorefining, 2010, 4, 132-153.	1.9	75
26	Techno-economic comparison of series hybrid, plug-in hybrid, fuel cell and regular cars. Journal of Power Sources, 2010, 195, 6570-6585.	4.0	137
27	The impact of sustainability criteria on the costs and potentials of bioenergy production â€“ Applied for case studies in Brazil and Ukraine. Biomass and Bioenergy, 2010, 34, 319-333.	2.9	57
28	Fischerâ€“Tropsch diesel production in a well-to-wheel perspective: A carbon, energy flow and cost analysis. Energy Conversion and Management, 2009, 50, 855-876.	4.4	301
29	The economical and environmental performance of miscanthus and switchgrass production and supply chains in a European setting. Renewable and Sustainable Energy Reviews, 2009, 13, 1230-1245.	8.2	199
30	Pre-treatment technologies, and their effect on international bioenergy supply chain logistics. Techno-economic evaluation of torrefaction, fast pyrolysis and pelletisation. Energy, 2008, 33, 1206-1223.	4.5	488
31	Impact of hydrogen onboard storage technologies on the performance of hydrogen fuelled vehicles: A techno-economic well-to-wheel assessment. International Journal of Hydrogen Energy, 2007, 32, 4859-4870.	3.8	39
32	Emerging international bio-energy markets and opportunities for socio-economic development. Energy for Sustainable Development, 2006, 10, 7-19.	2.0	77
33	Biomass and bioenergy supply from Mozambique. Energy for Sustainable Development, 2006, 10, 54-81.	2.0	67
34	Outlook for advanced biofuels. Energy Policy, 2006, 34, 3268-3283.	4.2	289
35	Optimising waste treatment systems. Resources, Conservation and Recycling, 2006, 48, 227-248.	5.3	27
36	Optimising waste treatment systems. Resources, Conservation and Recycling, 2006, 49, 68-88.	5.3	40

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37	Bio-energy in Europe: changing technology choices. Energy Policy, 2006, 34, 322-342.	4.2	411
38	International bioenergy transport costs and energy balance. Biomass and Bioenergy, 2005, 29, 114-134.	2.9	308
39	Ethanol from lignocellulosic biomass: techno-economic performance in short-, middle- and long-term. Biomass and Bioenergy, 2005, 28, 384-410.	2.9	1,374
40	Natural gas as an alternative to crude oil in automotive fuel chains well-to-wheel analysis and transition strategy development. Energy Policy, 2005, 33, 579-594.	4.2	170
41	Biomass Combustion. , 2004, , 175-191.		13
42	Production of FT transportation fuels from biomass; technical options, process analysis and optimisation, and development potential. Energy, 2004, 29, 1743-1771.	4.5	438
43	Techno-economic analysis of co-fired biomass integrated gasification/combined cycle systems with inclusion of economies of scale. Energy, 2003, 28, 1229-1258.	4.5	84
44	Exploration of the possibilities for production of Fischer Tropsch liquids and power via biomass gasification. Biomass and Bioenergy, 2002, 23, 129-152.	2.9	763
45	Future prospects for production of methanol and hydrogen from biomass. Journal of Power Sources, 2002, 111, 1-22.	4.0	501
46	Efficiency and economy of wood-fired biomass energy systems in relation to scale regarding heat and power generation using combustion and gasification technologies. Biomass and Bioenergy, 2001, 21, 91-108.	2.9	255