

Pacca, S

List of Publications by Year in descending order

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34
papers

1,746
citations

361296
20
h-index

395590
33
g-index

34
all docs

34
docs citations

34
times ranked

2167
citing authors

#	ARTICLE	IF	CITATIONS
1	Carbon dioxide reduction potential in the global cement industry by 2050. <i>Cement and Concrete Research</i> , 2018, 114, 115-124.	4.6	359
2	Parameters affecting the life cycle performance of PV technologies and systems. <i>Energy Policy</i> , 2007, 35, 3316-3326.	4.2	205
3	Greenhouse gas emissions and energy balance of palm oil biofuel. <i>Renewable Energy</i> , 2010, 35, 2552-2561.	4.3	126
4	Greenhouse Gas Emissions from Building and Operating Electric Power Plants in the Upper Colorado River Basin. <i>Environmental Science & Technology</i> , 2002, 36, 3194-3200.	4.6	116
5	Assessing employment in renewable energy technologies: A case study for wind power in Brazil. <i>Renewable and Sustainable Energy Reviews</i> , 2014, 31, 83-90.	8.2	97
6	BECCS potential in Brazil: Achieving negative emissions in ethanol and electricity production based on sugar cane bagasse and other residues. <i>Applied Energy</i> , 2016, 179, 55-63.	5.1	91
7	ASSESSING THE COSTS OF ELECTRICITY. <i>Annual Review of Environment and Resources</i> , 2004, 29, 301-344.	5.6	82
8	Impacts from decommissioning of hydroelectric dams: a life cycle perspective. <i>Climatic Change</i> , 2007, 84, 281-294.	1.7	82
9	Life cycle assessment of an onshore wind farm located at the northeastern coast of Brazil. <i>Renewable Energy</i> , 2013, 53, 60-70.	4.3	82
10	Life cycle assessment and costing of wastewater treatment systems coupled to constructed wetlands. <i>Resources, Conservation and Recycling</i> , 2019, 148, 170-177.	5.3	75
11	Comparative Energy, Environmental, and Economic Analysis of Traditional and E-commerce DVD Rental Networks. <i>Journal of Industrial Ecology</i> , 2008, 11, 77-91.	2.8	48
12	Life cycle assessment of sugarcane ethanol and palm oil biodiesel joint production. <i>Biomass and Bioenergy</i> , 2012, 44, 70-79.	2.9	39
13	Historical carbon budget of the Brazilian ethanol program. <i>Energy Policy</i> , 2009, 37, 4863-4873.	4.2	34
14	Estimating the human appropriation of land in Brazil by means of an Input-Output Economic Model and Ecological Footprint analysis. <i>Ecological Indicators</i> , 2015, 53, 78-94.	2.6	31
15	Logging residues and CO ₂ of Brazilian Amazon timber: Two case studies of forest harvesting. <i>Resources, Conservation and Recycling</i> , 2017, 122, 280-285.	5.3	31
16	Carbon reduction potential and costs through circular bioeconomy in the Brazilian steel industry. <i>Resources, Conservation and Recycling</i> , 2021, 169, 105517.	5.3	28
17	Energia eólica, geração de empregos e desenvolvimento sustentável. <i>Estudos Avancados</i> , 2013, 27, 99-116.	0.2	25
18	Land use change within EU sustainability criteria for biofuels: The case of oil palm expansion in the Brazilian Amazon. <i>Renewable Energy</i> , 2016, 89, 588-597.	4.3	25

#	ARTICLE	IF	CITATIONS
19	Variability in the life cycle of concrete block CO ₂ emissions and cumulative energy demand in the Brazilian Market. <i>Construction and Building Materials</i> , 2016, 114, 588-594.	3.2	24
20	The future of oil and bioethanol in Brazil. <i>Energy Policy</i> , 2014, 65, 7-15.	4.2	23
21	Socio-economic Benefits of Wind Power in Brazil. <i>Journal of Sustainable Development of Energy, Water and Environment Systems</i> , 2013, 1, 27-40.	0.9	20
22	A Biorefinery for Mobility?. <i>Environmental Science & Technology</i> , 2011, 45, 9498-9505.	4.6	19
23	Primary data priorities for the life cycle inventory of construction products: focus on foreground processes. <i>International Journal of Life Cycle Assessment</i> , 2020, 25, 980-997.	2.2	18
24	Potential CO ₂ reduction and uptake due to industrialization and efficient cement use in Brazil by 2050. <i>Journal of Industrial Ecology</i> , 2021, 25, 344-358.	2.8	18
25	Industrial low carbon futures: A regional marginal abatement cost curve for Sao Paulo, Brazil. <i>Journal of Cleaner Production</i> , 2018, 200, 680-686.	4.6	15
26	Environmental performance of an integrated water supply and wastewater system through life cycle assessment – A Brazilian case study. <i>Science of the Total Environment</i> , 2022, 835, 155213.	3.9	10
27	Carbon markets and low-carbon investment in emerging economies: A synthesis of parallel workshops in Brazil and India. <i>Energy Policy</i> , 2011, 39, 6698-6700.	4.2	6
28	Reflections on the international climate change negotiations: A synthesis of a working group on carbon emission policy and regulation in Brazil. <i>Energy Policy</i> , 2013, 59, 938-941.	4.2	6
29	The climate change mitigation potential of sugarcane based technologies for automobiles; CO ₂ negative emissions in sight. <i>Transportation Research, Part D: Transport and Environment</i> , 2020, 86, 102454.	3.2	5
30	How far can low-carbon energy scenarios reach based on proven technologies?. <i>Mitigation and Adaptation Strategies for Global Change</i> , 2019, 24, 687-705.	1.0	3
31	Financing aspects of electricity saving's in Brasil. <i>Renewable Energy</i> , 1996, 9, 891-894.	4.3	1
32	The role of biomass in meeting the Paris agreement. <i>IOP Conference Series: Earth and Environmental Science</i> , 2019, 354, 012107.	0.2	1
33	The carbon footprint of Brazilian households through the Consumer Expenditure Survey (POF). <i>Revista Kawsaypacha Sociedad Y Medio Ambiente</i> , 2021, , 11-27.	0.1	1
34	Energy efficiency intervention in urea processes by recovering the excess pressure through hydraulic power recovery Turbines (HPRTs). <i>Sustainable Energy Technologies and Assessments</i> , 2022, 52, 102263.	1.7	0