

Lucio Guido Tapia Carpio

List of Publications by Year in descending order

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Version: 2024-02-01

18
papers

254
citations

1162889

8
h-index

940416

16
g-index

18
all docs

18
docs citations

18
times ranked

340
citing authors

#	ARTICLE	IF	CITATIONS
1	Optimal allocation of sugarcane bagasse for producing bioelectricity and second generation ethanol in Brazil: Scenarios of cost reductions. <i>Renewable Energy</i> , 2017, 111, 771-780.	4.3	80
2	Flexibility valuation in the Brazilian power system: A real options approach. <i>Energy Policy</i> , 2006, 34, 3749-3756.	4.2	39
3	The effects of oil price volatility on ethanol, gasoline, and sugar price forecasts. <i>Energy</i> , 2019, 181, 1012-1022.	4.5	37
4	Competition between Second-Generation Ethanol and Bioelectricity using the Residual Biomass of Sugarcane: Effects of Uncertainty on the Production Mix. <i>Molecules</i> , 2019, 24, 369.	1.7	17
5	The economic impact on residential fees associated with the expansion of grid-connected solar photovoltaic generators in Brazil. <i>Renewable Energy</i> , 2020, 159, 1084-1098.	4.3	16
6	Economical efficiency of coordinating the generation by subsystems with the capacity of transmission in the Brazilian market of electricity. <i>Energy Economics</i> , 2007, 29, 454-466.	5.6	12
7	Estimating the economic costs of electricity deficit using input-output analysis: the case of Brazil. <i>Applied Economics</i> , 2015, 47, 916-927.	1.2	11
8	Future Strategies for Distribution Concessionaires in Partially Deregulated Electric Power Sectors: The Case of Brazil. <i>Electricity Journal</i> , 2009, 22, 70-80.	1.3	8
9	Mitigating the risk of photovoltaic power generation: A complementarity model of solar irradiation in diverse regions applied to Brazil. <i>Utilities Policy</i> , 2021, 71, 101245.	2.1	7
10	Processo de tomada de decisÃ£o sob incerteza em investimentos internacionais na exploraÃ§Ã£o & produÃ§Ã£o offshore de petrÃ³leo: uma abordagem multicritÃ©rio. <i>Pesquisa Operacional</i> , 2005, 25, 331-648.	0.1	5
11	Independent operation by subsystems: Strategic behavior for the Brazilian electricity sector. <i>Energy Policy</i> , 2006, 34, 2964-2976.	4.2	4
12	A Qualitative Approach to Markovian Equilibrium on Optimal Growth Under Uncertainty. <i>Journal of Dynamical and Control Systems</i> , 2006, 12, 451-464.	0.4	3
13	Unitization of oil and gas fields in Brazil. <i>Energy Sources, Part B: Economics, Planning and Policy</i> , 2016, 11, 793-800.	1.8	3
14	Biodiesel auctions in Brazil: Symmetry of bids and informational paradigm. <i>Renewable and Sustainable Energy Reviews</i> , 2021, 137, 110418.	8.2	3
15	Efficient spatial allocation of solar photovoltaic electric energy generation in different regions of Brazil: a portfolio approach. <i>Energy Sources, Part B: Economics, Planning and Policy</i> , 2021, 16, 542-557.	1.8	3
16	Decision-Making Process under Uncertainty in International Investments in Petroleum Exploration and Production: Multicriteria Approach. <i>Energy Exploration and Exploitation</i> , 2007, 25, 339-356.	1.1	2
17	Cointegration to estimate long-term electricity prices in periods of rationing: The case of the brazilian hydrothermal system. <i>Electric Power Systems Research</i> , 2015, 121, 351-356.	2.1	2
18	Model for the flexible commercialization of thermoelectric plants in Brazil. <i>Energy Sources, Part B: Economics, Planning and Policy</i> , 2016, 11, 229-236.	1.8	2