

Pablo Rodilla Rodríguez

List of Publications by Year in descending order

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Version: 2024-02-01

28
papers

716
citations

516710

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552781

26
g-index

28
all docs

28
docs citations

28
times ranked

621
citing authors

#	ARTICLE	IF	CITATIONS
1	Emergency measures to protect energy consumers during the Covid-19 pandemic: A global review and critical analysis. <i>Energy Research and Social Science</i> , 2020, 68, 101678.	6.4	104
2	A critical assessment of the different approaches aimed to secure electricity generation supply. <i>Energy Policy</i> , 2010, 38, 7169-7179.	8.8	61
3	An Enhanced Screening Curves Method for Considering Thermal Cycling Operation Costs in Generation Expansion Planning. <i>IEEE Transactions on Power Systems</i> , 2013, 28, 3683-3691.	6.5	61
4	National capacity mechanisms in the European internal energy market: Opening the doors to neighbours. <i>Energy Policy</i> , 2015, 82, 38-47.	8.8	47
5	Performance Incentives in Capacity Mechanisms: Conceptual Considerations and Empirical Evidence. <i>Economics of Energy and Environmental Policy</i> , 2017, 6, .	1.4	42
6	Electricity market-clearing prices and investment incentives: The role of pricing rules. <i>Energy Economics</i> , 2015, 47, 42-51.	12.1	40
7	Security of electricity supply at the generation level: Problem analysis. <i>Energy Policy</i> , 2012, 40, 177-185.	8.8	38
8	Electricity auctions in South America: Towards convergence of system adequacy and RES-E support. <i>Renewable and Sustainable Energy Reviews</i> , 2014, 40, 375-385.	16.4	37
9	Revisiting support policies for RES-E adulthood: Towards market compatible schemes. <i>Energy Policy</i> , 2017, 104, 474-483.	8.8	31
10	European Union Electricity Markets: Current Practice and Future View. <i>IEEE Power and Energy Magazine</i> , 2019, 17, 20-31.	1.6	26
11	A model-based analysis on the impact of explicit penalty schemes in capacity mechanisms. <i>Applied Energy</i> , 2016, 168, 406-417.	10.1	25
12	The Italian capacity remuneration mechanism: Critical review and open questions. <i>Energy Policy</i> , 2018, 123, 659-669.	8.8	25
13	Modeling the Major Overhaul Cost of Gas-Fired Plants in the Unit Commitment Problem. <i>IEEE Transactions on Power Systems</i> , 2014, 29, 1001-1011.	6.5	21
14	Reforming the colombian electricity market for an efficient integration of renewables: A proposal. <i>Energy Policy</i> , 2020, 139, 111346.	8.8	21
15	The Regulatory Debate About Energy Storage Systems: State of the Art and Open Issues. <i>IEEE Power and Energy Magazine</i> , 2017, 15, 42-50.	1.6	19
16	Redesigning residual cost allocation in electricity tariffs: A proposal to balance efficiency, equity and cost recovery. <i>Renewable Energy</i> , 2020, 155, 257-266.	8.9	19
17	Enhancing Intraday Price Signals in U.S. ISO Markets for a Better Integration of Variable Energy Resources. <i>Energy Journal</i> , 2018, 39, .	1.7	19
18	Residual demand models for strategic bidding in European power exchanges: Revisiting the methodology in the presence of a large penetration of renewables. <i>Electric Power Systems Research</i> , 2014, 108, 178-184.	3.6	14

#	ARTICLE	IF	CITATIONS
19	Evolving Bidding Formats and Pricing Schemes in USA and Europe Day-Ahead Electricity Markets. <i>Energies</i> , 2020, 13, 5020.	3.1	14
20	Modeling generation expansion in the context of a security of supply mechanism based on long-term auctions. Application to the Colombian case. <i>Energy Policy</i> , 2011, 39, 176-186.	8.8	9
21	De-rating of wind and solar resources in capacity mechanisms: A review of international experiences. <i>Renewable and Sustainable Energy Reviews</i> , 2019, 112, 253-262.	16.4	9
22	Hydro resource management, risk aversion and equilibrium in an incomplete electricity market setting. <i>Energy Economics</i> , 2015, 51, 365-382.	12.1	8
23	Markets for Efficient Decarbonization: Revisiting Market Regulation and Design. <i>IEEE Power and Energy Magazine</i> , 2021, 19, 20-28.	1.6	8
24	Adjusting the aim of capacity mechanisms: Future-proof reliability metrics and firm supply calculations. <i>Energy Policy</i> , 2022, 164, 112891.	8.8	8
25	Intermittent RES-E, cycling and spot prices: The role of pricing rules. <i>Electric Power Systems Research</i> , 2015, 121, 134-144.	3.6	5
26	The evolution of electricity auctions in South America. <i>Energy Sources, Part B: Economics, Planning and Policy</i> , 2016, 11, 1103-1110.	3.4	3
27	Security of Generation Supply in Electricity Markets. <i>Power Systems</i> , 2013, , 581-622.	0.5	2
28	Self-fulfilling or self-destroying prophecy? The relevance of de-rating factors in modern capacity mechanisms. <i>Applied Energy</i> , 2022, 314, 118939.	10.1	0