

# Patricia Pereira Da Silva

## List of Publications by Year in descending order

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Version: 2024-02-01

59  
papers

1,591  
citations

361045

20  
h-index

315357

38  
g-index

62  
all docs

62  
docs citations

62  
times ranked

1689  
citing authors

#	ARTICLE	IF	CITATIONS
1	Overview of Large-Scale Underground Energy Storage Technologies for Integration of Renewable Energies and Criteria for Reservoir Identification. <i>Journal of Energy Storage</i> , 2019, 21, 241-258.	3.9	233
2	Determinants of renewable energy growth in Sub-Saharan Africa: Evidence from panel ARDL. <i>Energy</i> , 2018, 156, 45-54.	4.5	200
3	The challenges of determining the employment effects of renewable energy. <i>Renewable and Sustainable Energy Reviews</i> , 2012, 16, 4667-4674.	8.2	114
4	Electricity decarbonisation pathways for 2050 in Portugal: A TIMES (The Integrated MARKAL-EFOM) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	4.5	83
5	A biorefinery from <i>Nannochloropsis</i> sp. microalga " Energy and CO2 emission and economic analyses. <i>Bioresource Technology</i> , 2013, 138, 235-244.	4.8	68
6	Firm-specific impacts of CO2 prices on the stock market value of the Spanish power industry. <i>Energy Policy</i> , 2016, 94, 492-501.	4.2	53
7	Energy efficiency of higher education buildings: a case study. <i>International Journal of Sustainability in Higher Education</i> , 2015, 16, 669-691.	1.6	52
8	A comparison between cost optimality and return on investment for energy retrofit in buildings-A real options perspective. <i>Sustainable Cities and Society</i> , 2016, 21, 12-25.	5.1	50
9	Photovoltaic distributed generation " An international review on diffusion, support policies, and electricity sector regulatory adaptation. <i>Renewable and Sustainable Energy Reviews</i> , 2019, 103, 30-39.	8.2	48
10	How do Spanish polluting sectors' stock market returns react to European Union allowances prices? A panel data approach. <i>Energy</i> , 2016, 103, 240-250.	4.5	47
11	Assessing the determinants of household electricity prices in the EU: a system-GMM panel data approach. <i>Renewable and Sustainable Energy Reviews</i> , 2017, 73, 1131-1137.	8.2	47
12	Technology, business model, and market design adaptation toward smart electricity distribution: Insights for policy making. <i>Energy Policy</i> , 2018, 121, 426-440.	4.2	44
13	Prospects of using microalgae for biofuels production: Results of a Delphi study. <i>Renewable Energy</i> , 2015, 75, 799-804.	4.3	41
14	Surveying techno-economic indicators of microalgae biofuel technologies. <i>Renewable and Sustainable Energy Reviews</i> , 2013, 25, 89-96.	8.2	40
15	European Union emissions trading scheme impact on the Spanish electricity price during phase II and phase III implementation. <i>Utilities Policy</i> , 2015, 33, 54-62.	2.1	40
16	The "Merit-order effect" of wind and solar power: Volatility and determinants. <i>Renewable and Sustainable Energy Reviews</i> , 2019, 102, 54-62.	8.2	38
17	How many jobs can the RES-E sectors generate in the Portuguese context?. <i>Renewable and Sustainable Energy Reviews</i> , 2013, 21, 444-455.	8.2	36
18	Community Renewable Energy - Research Perspectives -. <i>Energy Procedia</i> , 2016, 106, 46-58.	1.8	36

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19	How much room for a competitive electricity generation market in Portugal?. <i>Renewable and Sustainable Energy Reviews</i> , 2013, 18, 103-118.	8.2	26
20	Energy efficiency governance in the EU-28: analysis of institutional, human, financial, and political dimensions. <i>Energy Efficiency</i> , 2017, 10, 1279-1297.	1.3	25
21	Eco-efficiency assessment of the electricity sector: Evidence from 28 European Union countries. <i>Economic Analysis and Policy</i> , 2020, 66, 293-314.	3.2	21
22	EU spot prices and industry structure: assessing electricity market integration. <i>International Journal of Energy Sector Management</i> , 2008, 2, 340-350.	1.2	20
23	Evaluation of dynamic pass-through of carbon prices into electricity prices - a cointegrated VECM analysis. <i>International Journal of Public Policy</i> , 2013, 9, 65.	0.1	20
24	Evaluating the market splitting determinants: evidence from the Iberian spot electricity prices. <i>Energy Policy</i> , 2015, 85, 218-234.	4.2	20
25	Policy-adaptation for a smarter and more sustainable EU electricity distribution industry: a foresight analysis. <i>Environment, Development and Sustainability</i> , 2018, 20, 231-267.	2.7	19
26	An econometric analysis of the drivers for residential heating consumption in the UK and Germany. <i>Journal of Cleaner Production</i> , 2019, 228, 557-569.	4.6	17
27	Weather and market specificities in the regional transmission of renewable energy price effects. <i>Energy</i> , 2016, 114, 188-200.	4.5	14
28	A geospatial approach towards defining cost-optimal electrification pathways in West Africa. <i>Energy</i> , 2020, 200, 117471.	4.5	14
29	Modelling the impacts of policies on advanced biofuel feedstocks diffusion. <i>Journal of Cleaner Production</i> , 2017, 142, 2471-2479.	4.6	13
30	The Maritime Sector and Its Problematic Decarbonization: A Systematic Review of the Contribution of Alternative Fuels. <i>Energies</i> , 2022, 15, 3571.	1.6	11
31	It is windy in Denmark: Does market integration suffer?. <i>Energy</i> , 2016, 115, 1385-1399.	4.5	10
32	Technoeconomic Assessment on Innovative Biofuel Technologies: The Case of Microalgae. , 2012, 2012, 1-8.		10
33	Employing Value-Based DEA in the eco-efficiency assessment of the electricity sector. <i>Economic Analysis and Policy</i> , 2022, 73, 826-844.	3.2	9
34	Employment effects and renewable energy policies: applying input-output methodology to Portugal. <i>International Journal of Public Policy</i> , 2013, 9, 147.	0.1	7
35	Assessment of electricity distribution business model and market design alternatives: Evidence for policy design. <i>Energy and Environment</i> , 2020, 31, 40-59.	2.7	6
36	Electricity distribution incumbents' adaptation toward decarbonized and smarter grids: Evidence on the role market, regulatory, investment, and firm-level factors. <i>Energy Policy</i> , 2020, 142, 111477.	4.2	6

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37	A GIS-MCDA Approach Addressing Economic-Social-Environmental Concerns for Selecting the Most Suitable Compressed Air Energy Storage Reservoirs. <i>Energies</i> , 2021, 14, 6793.	1.6	6
38	Governance of the emerging biofuel markets in European Union: the Portuguese context. <i>Global Business and Economics Review</i> , 2010, 12, 230.	0.2	5
39	Determinants of change in electricity distribution system operators - a review and survey. , 2016, , .		5
40	Fatores determinantes do nível de divulgação ambiental no setor de energia elétrica no Brasil. <i>Advances in Scientific and Applied Accounting</i> , 2011, , 230-262.	0.2	5
41	A new perspective to account for renewables impacts in Portugal. , 2010, , .		4
42	The role of microalgae in the deployment of biofuels: contrasting algae and solar technologies. <i>International Journal of Technology, Policy and Management</i> , 2012, 12, 158.	0.1	3
43	Environmental disclosure in the Brazilian electricity sector. <i>International Journal of Innovation and Sustainable Development</i> , 2014, 8, 37.	0.3	3
44	Qualitative Delphi approach of advanced algae biofuels. <i>Management of Environmental Quality</i> , 2015, 26, 852-871.	2.2	3
45	Designing Markets for Innovative Electricity Services in the EU: The Roles of Policy, Technology, and Utility Capabilities. , 2019, , 355-382.		3
46	Integration of Central West Europe spot electricity markets: An update. , 2013, , .		2
47	Assessment of legacy generation contracts' costs in the future Portuguese electricity system. , 2012, , .		1
48	Wind generation influence on market splitting: The Iberian spot electricity market. , 2015, , .		1
49	Assessing Microalgae Sustainability as a Feedstock for Biofuels. , 2019, , 373-392.		1
50	Bio FT-diesel in the European maritime sector: a technical economic valuation of straw crops potential. <i>International Journal of Environment and Sustainable Development</i> , 2021, 1, 1.	0.2	1
51	Renewables Optimization in Energy-Only Markets. , 2017, , 149-169.		1
52	Explanatory variables on south-west spot electricity markets integration. , 0, , 65-88.		1
53	Governança, risco e desempenho das companhias abertas brasileiras. <i>Revista De Economia E Administração</i> , 2010, 9, .	0.0	1
54	Towards an auction system in the allocation of EU Emission Rights: its effect on firms' stock market returns. , 0, , 33-63.		1

#	ARTICLE	IF	CITATIONS
55	Energy efficiency governance in the Europe an Union Member States: analysis on current status. , 0, , 89-110.		1
56	Algae: Advanced Biofuels and Other Opportunities. Lecture Notes in Energy, 2014, , 227-244.	0.2	0
57	Market Splitting and the Swedish electricity market. , 2016, , .		0
58	Policies for an EU smarter grid environment: A Delphi study on DSOs. , 2017, , .		0
59	Tarifa Social de Energia. Notas EconÃ³micas, 2021, , 85-102.	0.1	0