

Jã°lia Seixas

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7350587/publications.pdf>

Version: 2024-02-01

70
papers

1,991
citations

218592

26
h-index

265120

42
g-index

73
all docs

73
docs citations

73
times ranked

3038
citing authors

#	ARTICLE	IF	CITATIONS
1	Severity of drought and heatwave crop losses tripled over the last five decades in Europe. <i>Environmental Research Letters</i> , 2021, 16, 065012.	2.2	114
2	Implications of the carbon cycle steady state assumption for biogeochemical modeling performance and inverse parameter retrieval. <i>Global Biogeochemical Cycles</i> , 2008, 22, .	1.9	113
3	Long-term energy scenarios: Bridging the gap between socio-economic storylines and energy modeling. <i>Technological Forecasting and Social Change</i> , 2015, 91, 161-178.	6.2	107
4	Unraveling electricity consumption profiles in households through clusters: Combining smart meters and door-to-door surveys. <i>Energy and Buildings</i> , 2016, 116, 666-676.	3.1	106
5	Vulnerability of water resources, vegetation productivity and soil erosion to climate change in Mediterranean watersheds. <i>Hydrological Processes</i> , 2008, 22, 3115-3134.	1.1	98
6	Identification of vegetation and soil carbon pools out of equilibrium in a process model via eddy covariance and biometric constraints. <i>Global Change Biology</i> , 2010, 16, 2813-2829.	4.2	77
7	Modeling the response of within-storm runoff and erosion dynamics to climate change in two Mediterranean watersheds: A multi-model, multi-scale approach to scenario design and analysis. <i>Catena</i> , 2013, 102, 27-39.	2.2	68
8	Projections of energy services demand for residential buildings: Insights from a bottom-up methodology. <i>Energy</i> , 2012, 47, 430-442.	4.5	67
9	Mining households' energy data to disclose fuel poverty: Lessons for Southern Europe. <i>Journal of Cleaner Production</i> , 2018, 178, 534-550.	4.6	67
10	Interplay between the potential of photovoltaic systems and agricultural land use. <i>Land Use Policy</i> , 2019, 81, 725-735.	2.5	59
11	Cost of energy and environmental policy in Portuguese CO2 abatement scenario analysis to 2020. <i>Energy Policy</i> , 2008, 36, 3598-3611.	4.2	56
12	Assessing the cost-effectiveness of electric vehicles in European countries using integrated modeling. <i>Energy Policy</i> , 2015, 80, 165-176.	4.2	53
13	Integrated technological-economic modeling platform for energy and climate policy analysis. <i>Energy</i> , 2014, 73, 716-730.	4.5	51
14	Effects of renewables penetration on the security of Portuguese electricity supply. <i>Applied Energy</i> , 2014, 123, 438-447.	5.1	48
15	Daily electricity consumption profiles from smart meters - Proxies of behavior for space heating and cooling. <i>Energy</i> , 2017, 141, 108-122.	4.5	47
16	Mapping Fuel Poverty in Portugal. <i>Energy Procedia</i> , 2016, 106, 155-165.	1.8	45
17	Sensitivity of runoff and soil erosion to climate change in two Mediterranean watersheds. Part II: assessing impacts from changes in storm rainfall, soil moisture and vegetation cover. <i>Hydrological Processes</i> , 2009, 23, 1212-1220.	1.1	44
18	Electricity, the silver bullet for the deep decarbonisation of the energy system? Cost-effectiveness analysis for Portugal. <i>Applied Energy</i> , 2019, 237, 292-303.	5.1	43

#	ARTICLE	IF	CITATIONS
19	Comparative analysis of MODIS-FAPAR and MERIS MGVI datasets: Potential impacts on ecosystem modeling. <i>Remote Sensing of Environment</i> , 2009, 113, 2547-2559.	4.6	38
20	The dawn of urban energy planning – Synergies between energy and urban planning for S�o Paulo (Brazil) megacity. <i>Journal of Cleaner Production</i> , 2019, 215, 458-479.	4.6	36
21	Evaluating the MEFIDIS model for runoff and soil erosion prediction during rainfall events. <i>Catena</i> , 2005, 61, 210-228.	2.2	35
22	Anopheles atroparvus density modeling using MODIS NDVI in a former malarious area in Portugal. <i>Journal of Vector Ecology</i> , 2011, 36, 279-291.	0.5	35
23	Sensitivity of runoff and soil erosion to climate change in two Mediterranean watersheds. Part I: model parameterization and evaluation. <i>Hydrological Processes</i> , 2009, 23, 1202-1211.	1.1	33
24	Top-down and bottom-up modelling to support low-carbon scenarios: climate policy implications. <i>Climate Policy</i> , 2013, 13, 285-304.	2.6	32
25	Assessing heterogeneity from remote sensing images: The case of desertification in southern Portugal. <i>International Journal of Remote Sensing</i> , 2000, 21, 2645-2663.	1.3	31
26	Positive Energy District: A Model for Historic Districts to Address Energy Poverty. <i>Frontiers in Sustainable Cities</i> , 2021, 3, .	1.2	31
27	Deciphering the components of regional net ecosystem fluxes following a bottom-up approach for the Iberian Peninsula. <i>Biogeosciences</i> , 2010, 7, 3707-3729.	1.3	27
28	Energy savings potential in urban rehabilitation: A spatial-based methodology applied to historic centres. <i>Energy and Buildings</i> , 2017, 152, 11-23.	3.1	26
29	InSmart – A methodology for combining modelling with stakeholder input towards EU cities decarbonisation. <i>Journal of Cleaner Production</i> , 2019, 231, 428-445.	4.6	26
30	INSMART – Insights on integrated modelling of EU cities energy system transition. <i>Energy Strategy Reviews</i> , 2018, 20, 150-155.	3.3	25
31	City energy modelling - Optimising local low carbon transitions with household budget constraints. <i>Energy Strategy Reviews</i> , 2019, 26, 100387.	3.3	24
32	Smart City Energy Planning. , 2016, , .		20
33	Satellite-derived estimation of environmental suitability for malaria vector development in Portugal. <i>Remote Sensing of Environment</i> , 2014, 145, 116-130.	4.6	19
34	Modelling the natural gas dynamics in the Southern Cone of Latin America. <i>Applied Energy</i> , 2017, 201, 219-239.	5.1	19
35	Carbon Neutrality Pathways Effects on Air Pollutant Emissions: The Portuguese Case. <i>Atmosphere</i> , 2021, 12, 324.	1.0	19
36	Fragmentation patterns of evergreen oak woodlands in Southwestern Iberia: Identifying key spatial indicators. <i>Journal of Environmental Management</i> , 2014, 133, 18-26.	3.8	17

#	ARTICLE	IF	CITATIONS
37	Interplay between ethanol and electric vehicles as low carbon mobility options for passengers in the municipality of S�o Paulo. <i>International Journal of Sustainable Transportation</i> , 2017, 11, 518-525.	2.1	17
38	Diffusion of electric vehicles in Brazil from the stakeholders' perspective. <i>International Journal of Sustainable Transportation</i> , 2021, 15, 865-878.	2.1	17
39	Exposure of the EU-28 food imports to extreme weather disasters in exporting countries. <i>Food Security</i> , 2019, 11, 1373-1393.	2.4	16
40	Assessing effects of exogenous assumptions in GHG emissions forecasts – a 2020 scenario study for Portugal using the Times energy technology model. <i>Technological Forecasting and Social Change</i> , 2015, 94, 221-235.	6.2	14
41	What if S�o Paulo (Brazil) would like to become a renewable and endogenous energy -based megacity?. <i>Renewable Energy</i> , 2019, 138, 416-433.	4.3	14
42	A new method for qualitative simulation of water resources systems: 1. Theory. <i>Water Resources Research</i> , 1987, 23, 2015-2018.	1.7	12
43	CCS Infrastructure Development Scenarios for the Integrated Iberian Peninsula and Morocco Energy System. <i>Energy Procedia</i> , 2013, 37, 2645-2656.	1.8	12
44	Spatial Planning of Electric Vehicle Infrastructure for Belo Horizonte, Brazil. <i>Journal of Advanced Transportation</i> , 2018, 2018, 1-16.	0.9	12
45	Prospective scenarios for the adoption of CCS technologies in the Iberian Peninsula. <i>Sustainable Energy Technologies and Assessments</i> , 2013, 2, 31-41.	1.7	9
46	Contribution of Electric Cars to the Mitigation of CO2 Emissions in the City of Sao Paulo. , 2014, , .		9
47	The savings of energy saving: interactions between energy supply and demand-side options – quantification for Portugal. <i>Energy Efficiency</i> , 2014, 7, 179-201.	1.3	9
48	Region Specific Challenges of a CO2 Pipeline Infrastructure in the West Mediterranean Area Model Results Versus Stakeholder Views. <i>Energy Procedia</i> , 2013, 37, 3137-3146.	1.8	8
49	A new method for qualitative simulation of water resources systems: 2. Applications. <i>Water Resources Research</i> , 1987, 23, 2019-2022.	1.7	7
50	Multidimensional simulation applied to water resources management. <i>Water Resources Research</i> , 1990, 26, 1877-1886.	1.7	7
51	Climate change impacts on the vegetation carbon cycle of the Iberian Peninsula – Intercomparison of CMIP5 results. <i>Journal of Geophysical Research G: Biogeosciences</i> , 2015, 120, 641-660.	1.3	7
52	A Tangled Web: Assessing overlaps between energy and environmental policy instruments along the electricity supply chain. <i>Environmental Policy and Governance</i> , 2015, 25, 439-458.	2.1	7
53	When is the sun going to shine for the Brazilian energy sector? A story of how modelling affects solar electricity. <i>Renewable Energy</i> , 2020, 162, 1684-1702.	4.3	7
54	Renewable energy sources availability under climate change scenarios – Impacts on the Portuguese energy system. , 2008, , .		6

#	ARTICLE	IF	CITATIONS
55	CO2 emissions and mitigation policies for urban road transportation: Sao Paulo versus Shanghai. <i>Urbe</i> , 2018, 10, 143-158.	0.3	6
56	Energy Policies Influenced by Energy Systems Modellingâ€”Case Studies in UK, Ireland, Portugal and G8. <i>Lecture Notes in Energy</i> , 2015, , 15-41.	0.2	6
57	A Global Renewable Energy Roadmap: Comparing Energy Systems Models with IRENAâ€™s REmap 2030 Project. <i>Lecture Notes in Energy</i> , 2015, , 43-67.	0.2	6
58	Long term energy scenarios under uncertainty. , 2008, , .		5
59	Suitable Locations for Electric Vehicles Charging Infrastructure in Rio De Janeiro, Brazil. , 2017, , .		5
60	Solar energy policy to boost Brazilian power sector. <i>International Journal of Climate Change Strategies and Management</i> , 2020, 12, 349-367.	1.5	5
61	Mainstreaming climate adaptation in spatial planning. The case of Baixa Pombalina in Lisbon. <i>Finisterra</i> , 2018, 53, 15-38.	0.3	3
62	How renewable energy promotion impacts the Portuguese economy?. , 2015, , .		2
63	Looking deeper into residential electricity consumption profiles: The case of Évora. , 2015, , .		2
64	Assessing critical metal needs for a low carbon energy system in 2050. , 2015, , .		1
65	Energy Sustainabilityâ€™Rebounds Revisited Using Axiomatic Design. <i>Sustainability</i> , 2022, 14, 6737.	1.6	1
66	MODIS land cover product validation in the Iberian Peninsula. , 0, , .		0
67	Portugal as an electricity exporter country: environmental and economic implications. , 2016, , .		0
68	The smart city of Ã‰vora. , 2019, , 21-50.		0
69	The Medium to Long-Term Role of Renewable Energy Sources in Climate Change Mitigation in Portugal. , 2011, , .		0
70	Geneticland: Modelling Land-Use Change Using Evolutionary Algorithms. , 0, , 181-196.		0