

# Antonio Lopes

## List of Publications by Year in descending order

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45  
papers

764  
citations

706676

14  
h-index

620720

26  
g-index

47  
all docs

47  
docs citations

47  
times ranked

1011  
citing authors

#	ARTICLE	IF	CITATIONS
1	An urban energy balance-guided machine learning approach for synthetic nocturnal surface Urban Heat Island prediction: A heatwave event in Naples. <i>Science of the Total Environment</i> , 2022, 805, 150130.	3.9	23
2	Assessing urban heat island effects through local weather types in Lisbon's Metropolitan Area using big data from the Copernicus service. <i>Urban Climate</i> , 2022, 43, 101168.	2.4	10
3	Urban heat island data by local weather types in Lisbon metropolitan area based on Copernicus climate variables dataset for European cities. <i>Data in Brief</i> , 2022, 42, 108292.	0.5	3
4	Human health outcomes at the neighbourhood scale implications: Elderly's heat-related cardiorespiratory mortality and its influencing factors. <i>Science of the Total Environment</i> , 2021, 760, 144036.	3.9	9
5	Heatwaves and Summer Urban Heat Islands: A Daily Cycle Approach to Unveil the Urban Thermal Signal Changes in Lisbon, Portugal. <i>Atmosphere</i> , 2021, 12, 292.	1.0	28
6	An urban climate-based empirical model to predict present and future patterns of the Urban Thermal Signal. <i>Science of the Total Environment</i> , 2021, 790, 147710.	3.9	8
7	Assessment of Climatic Guidelines and Urban Planning in North-Eastern Coast of Brazil. , 2021, , 199-220.		0
8	A AvaliaÃ§Ã£o de Riscos ClimÃ¡ticos nos Planos Municipais de EmergÃªncia em Portugal: mÃ©todos e experiÃªncia. , 2021, , 333-352.		0
9	ValoraÃ§Ã£o monetÃ¡ria da arborizaÃ§Ã£o urbana baseada na magnitude da copa em Piracicaba/Brasil. <i>Revista LABVERDE</i> , 2021, 11, 150-170.	0.2	0
10	Sea Breeze Front and Outdoor Thermal Comfort during Summer in Northeastern Brazil. <i>Atmosphere</i> , 2020, 11, 1013.	1.0	9
11	Which heatwave measure has higher predictive power to prevent health risks related to heat: EHF or GATO IV? â€” Evidence from modelling Lisbon mortality data from 1980 to 2016. <i>Weather and Climate Extremes</i> , 2020, 30, 100287.	1.6	3
12	Local climate zones classification method from Copernicus land monitoring service datasets: An ArcGIS-based toolbox. <i>MethodsX</i> , 2020, 7, 101150.	0.7	6
13	Air Pollution and Emergency Hospital Admissionsâ€”Evidences from Lisbon Metropolitan Area, Portugal. <i>Applied Sciences (Switzerland)</i> , 2020, 10, 7997.	1.3	6
14	Local climate zones datasets from five Southern European cities: Copernicus based classification maps of Athens, Barcelona, Lisbon, Marseille and Naples. <i>Data in Brief</i> , 2020, 31, 105802.	0.5	6
15	Local Weather Types by Thermal Periods: Deepening the Knowledge about Lisbonâ€™s Urban Climate. <i>Atmosphere</i> , 2020, 11, 840.	1.0	9
16	Local climate zones in five southern European cities: An improved GIS-based classification method based on Copernicus data. <i>Urban Climate</i> , 2020, 33, 100631.	2.4	43
17	Heavy Rainfall Events and Mass Movements in the Funchal Area (Madeira, Portugal): Spatial Analysis and Susceptibility Assessment. <i>Atmosphere</i> , 2020, 11, 104.	1.0	5
18	The Role of Climate and Topography in Shaping the Diversity of Plant Communities in Cabo Verde Islands. <i>Diversity</i> , 2020, 12, 80.	0.7	19

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19	Surface Radiation Balance of Urban Materials and Their Impact on Air Temperature of an Urban Canyon in Lisbon, Portugal. <i>Applied Sciences (Switzerland)</i> , 2020, 10, 2193.	1.3	9
20	Tourists' Perceptions on Climate Change in Lisbon Region. <i>Atmosphere</i> , 2020, 11, 297.	1.0	10
21	Sea breeze front identification on the northeastern coast of Brazil and its implications for meteorological conditions in the Sergipe region. <i>Theoretical and Applied Climatology</i> , 2019, 137, 2151-2165.	1.3	15
22	Evaluating the Cooling Potential of Urban Green Spaces to Tackle Urban Climate Change in Lisbon. <i>Sustainability</i> , 2019, 11, 2480.	1.6	47
23	Confronting potential future augmentations of the physiologically equivalent temperature through public space design: The case of Rossio, Lisbon. <i>Sustainable Cities and Society</i> , 2018, 37, 7-25.	5.1	30
24	Uso dos modelos CAL3QHC e I-Tree Canopy na avaliação da qualidade do ar em Aracaju: estimativas das concentrações de PM10 nas vias de tráfego intenso de automóveis. <i>GEOUSP: Espaço E Tempo</i> , 2018, 22, 707-728.	0.1	2
25	Morphological Indices as Urban Planning Tools in Northeastern Brazil. <i>Sustainability</i> , 2018, 10, 4358.	1.6	4
26	An Original Approach Combining CFD, Linearized Models, and Deformation of Trees for Urban Wind Power Assessment. <i>Sustainability</i> , 2018, 10, 1915.	1.6	2
27	An integrated approach for wind fields assessment in coastal areas, based on bioindicators, CFD modeling, and observations. <i>Theoretical and Applied Climatology</i> , 2017, 128, 301-310.	1.3	3
28	The Urban Heat Island Effect and the Role of Vegetation to Address the Negative Impacts of Local Climate Changes in a Small Brazilian City. <i>Atmosphere</i> , 2017, 8, 18.	1.0	30
29	Urban Heat Island and Park Cool Island Intensities in the Coastal City of Aracaju, North-Eastern Brazil. <i>Sustainability</i> , 2017, 9, 1379.	1.6	40
30	MORFOLOGIA URBANA E CORREDORES DE VENTILAÇÃO COMO SUBSÍDIO À RESILIÊNCIA URBANA. <i>Revista LABVERDE</i> , 2017, 8, 12.	0.2	2
31	REDE CLIMATOLÓGICA DE MESOESCALA APLICADA AO ESTUDO DA ILHA DE CALOR URBANO: O CASO DE ARACAJU-SE. <i>Caminhos De Geografia</i> , 2017, 18, 203-216.	0.1	5
32	Lisbon heat island statistical study (2004-2012). <i>Finisterra</i> , 2015, 49, .	0.3	7
33	Tourism and climate in Lisbon. An assessment based on weather types. <i>Finisterra</i> , 2015, 49, .	0.3	2
34	Urban bioclimate and comfort assessment in the African city of Praia (Cape Verde). <i>Finisterra</i> , 2015, 49, .	0.3	1
35	Lisbon Urban Heat Island Updated: New Highlights about the Relationships between Thermal Patterns and Wind Regimes. <i>Advances in Meteorology</i> , 2013, 2013, 1-11.	0.6	41
36	The 20 February 2010 Madeira flash-floods: synoptic analysis and extreme rainfall assessment. <i>Natural Hazards and Earth System Sciences</i> , 2012, 12, 715-730.	1.5	70

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37	A utiliza��o de balc�es cativos para o estudo microclim�tico do bairro de Telheiras. Finisterra, 2012, 37, .	0.3	1
38	Drenagem e acumula��o de ar frio em noites de arrefecimento radiativo. Um exemplo no vale de Barcarena (Oeiras). Finisterra, 2012, 30, .	0.3	4
39	Regional thermal patterns in Portugal using satellite images (NOAA AVHRR). Finisterra, 2012, 30, .	0.3	0
40	The influence of the summer sea breeze on thermal comfort in Funchal (Madeira). A contribution to tourism and urban planning. Meteorologische Zeitschrift, 2011, 20, 553-564.	0.5	41
41	Urban boundary layer wind speed reduction in summer due to urban growth and environmental consequences in Lisbon. Environmental Modelling and Software, 2011, 26, 241-243.	1.9	29
42	Application of climatic guidelines to urban planning. Landscape and Urban Planning, 2009, 90, 56-65.	3.4	135
43	Wind Risk Assessment in Urban Environments: The Case of Falling Trees During Windstorm Events in Lisbon. , 2009, , 55-74.		17
44	O sobreaquecimento das cidades. Causas e medidas para a mitiga��o da ilha de calor de Lisboa. Territorium: Revista Portuguesa De Riscos, Preven��o E Seguran��a, 2008, , 39-52.	0.1	6
45	The Urban Climatic Map. , 0, , .		24