

Cãtia Gonãlves

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7957103/publications.pdf>

Version: 2024-02-01

25
papers

1,136
citations

516561

16
h-index

580701

25
g-index

25
all docs

25
docs citations

25
times ranked

1334
citing authors

#	ARTICLE	IF	CITATIONS
1	Emission of trace gases and organic components in smoke particles from a wildfire in a mixed-evergreen forest in Portugal. <i>Science of the Total Environment</i> , 2011, 409, 1466-1475.	3.9	136
2	Characterisation of PM10 emissions from woodstove combustion of common woods grown in Portugal. <i>Atmospheric Environment</i> , 2010, 44, 4474-4480.	1.9	130
3	Organic compounds in PM2.5 emitted from fireplace and woodstove combustion of typical Portuguese wood species. <i>Atmospheric Environment</i> , 2011, 45, 4533-4545.	1.9	110
4	Smoke emissions from biomass burning in a Mediterranean shrubland. <i>Atmospheric Environment</i> , 2010, 44, 3024-3033.	1.9	103
5	Fireplace and woodstove fine particle emissions from combustion of western Mediterranean wood types. <i>Atmospheric Research</i> , 2011, 101, 692-700.	1.8	91
6	Summer 2009 wildfires in Portugal: Emission of trace gases and aerosol composition. <i>Atmospheric Environment</i> , 2011, 45, 641-649.	1.9	85
7	Inventory of fine particulate organic compound emissions from residential wood combustion in Portugal. <i>Atmospheric Environment</i> , 2012, 50, 297-306.	1.9	69
8	Particulate organic compounds emitted from experimental wildland fires in a Mediterranean ecosystem. <i>Atmospheric Environment</i> , 2010, 44, 2750-2759.	1.9	65
9	Environmental and energy performance of residual forest biomass for electricity generation: Gasification vs. combustion. <i>Journal of Cleaner Production</i> , 2021, 289, 125680.	4.6	46
10	Organic particulate emissions from field burning of garden and agriculture residues. <i>Atmospheric Research</i> , 2011, 101, 666-680.	1.8	38
11	Speciation of organic compounds in aerosols from urban background sites in the winter season. <i>Atmospheric Research</i> , 2014, 150, 57-68.	1.8	33
12	Emission factors from residential combustion appliances burning Portuguese biomass fuels. <i>Journal of Environmental Monitoring</i> , 2011, 13, 3196.	2.1	31
13	Mutagenicity assessment of aerosols in emissions from wood combustion in Portugal. <i>Environmental Pollution</i> , 2012, 166, 172-181.	3.7	30
14	R-phycoerythrin extraction and purification from fresh <i>Gracilaria</i> sp. using thermo-responsive systems. <i>Green Chemistry</i> , 2019, 21, 3816-3826.	4.6	26
15	Chemical characterisation of total suspended particulate matter from a remote area in Amazonia. <i>Atmospheric Research</i> , 2016, 182, 102-113.	1.8	19
16	Size-segregated aerosol chemical composition from an agro-industrial region of São Paulo state, Brazil. <i>Air Quality, Atmosphere and Health</i> , 2017, 10, 483-496.	1.5	18
17	Organic characterisation of PM10 in Cape Verde under Saharan dust influxes. <i>Atmospheric Environment</i> , 2014, 89, 425-432.	1.9	17
18	In vitro toxicity of indoor and outdoor PM10 from residential wood combustion. <i>Science of the Total Environment</i> , 2021, 782, 146820.	3.9	17

#	ARTICLE	IF	CITATIONS
19	Organic speciation of atmospheric particles in Alvão Natural Park (Portugal). Environmental Monitoring and Assessment, 2010, 168, 321-337.	1.3	15
20	Integration of aqueous (micellar) two-phase systems on the proteins separation. BMC Chemical Engineering, 2019, 1, .	3.4	14
21	Morphological properties, chemical composition, cancer risks and toxicological potential of airborne particles from traffic and urban background sites. Atmospheric Research, 2021, 264, 105837.	1.8	12
22	Impact of biomass burning and non-exhaust vehicle emissions on PM10 levels in a mid-size non-industrial western Iberian city. Atmospheric Environment, 2022, 289, 119293.	1.9	11
23	Regionalizing eco-toxicity characterization factors for copper soil emissions considering edaphic information for Northern Spain and Portuguese vineyards. Science of the Total Environment, 2019, 686, 986-994.	3.9	7
24	PM10-Bound Sugars: Chemical Composition, Sources and Seasonal Variations. Atmosphere, 2021, 12, 194.	1.0	7
25	Outdoor charcoal grilling: Particulate and gas-phase emissions, organic speciation and ecotoxicological assessment. Atmospheric Environment, 2022, 285, 119240.	1.9	6