

Stefano Caserini

List of Publications by Year in descending order

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Version: 2024-02-01

31
papers

918
citations

567144

15
h-index

454834

30
g-index

32
all docs

32
docs citations

32
times ranked

1300
citing authors

#	ARTICLE	IF	CITATIONS
1	Emission factors from small scale appliances burning wood and pellets. <i>Atmospheric Environment</i> , 2014, 94, 144-153.	1.9	93
2	Air and soil dioxin levels at three sites in Italy in proximity to MSW incineration plants. <i>Chemosphere</i> , 2004, 54, 1279-1287.	4.2	89
3	An overview of nitrogen oxides emissions from biomass combustion for domestic heat production. <i>Renewable and Sustainable Energy Reviews</i> , 2021, 135, 110113.	8.2	89
4	LCA of domestic and centralized biomass combustion: The case of Lombardy (Italy). <i>Biomass and Bioenergy</i> , 2010, 34, 474-482.	2.9	76
5	Climate change impacts of power generation from residual biomass. <i>Biomass and Bioenergy</i> , 2016, 89, 146-158.	2.9	74
6	Domestic heating from forest logging residues: environmental risks and benefits. <i>Journal of Cleaner Production</i> , 2015, 99, 206-216.	4.6	68
7	Influence of climate change on the frequency of daytime temperature inversions and stagnation events in the Po Valley: historical trend and future projections. <i>Atmospheric Research</i> , 2017, 184, 15-23.	1.8	52
8	Analysis of the chemical composition of ultrafine particles from two domestic solid biomass fired room heaters under simulated real-world use. <i>Atmospheric Environment</i> , 2017, 150, 87-97.	1.9	45
9	Importance of activity data for improving the residential wood combustion emission inventory at regional level. <i>Atmospheric Environment</i> , 2011, 45, 2869-2876.	1.9	41
10	PCDD/Fs emissions inventory in the Lombardy Region: results and uncertainties. <i>Chemosphere</i> , 2002, 48, 779-786.	4.2	35
11	Benzo(a)pyrene air concentrations and emission inventory in Lombardy region, Italy. <i>Atmospheric Pollution Research</i> , 2013, 4, 257-266.	1.8	34
12	Impact of the dropping activity with vehicle age on air pollutant emissions. <i>Atmospheric Pollution Research</i> , 2013, 4, 282-289.	1.8	32
13	Potential of Maritime Transport for Ocean Liming and Atmospheric CO2 Removal. <i>Frontiers in Climate</i> , 2021, 3, .	1.3	21
14	Greenhouse gases emissions and energy use of wheat grain-based bioethanol fuel blends. <i>Science of the Total Environment</i> , 2010, 408, 5010-5018.	3.9	18
15	A methodology for elemental and organic carbon emission inventory and results for Lombardy region, Italy. <i>Science of the Total Environment</i> , 2013, 450-451, 22-30.	3.9	16
16	Affordable CO2 negative emission through hydrogen from biomass, ocean liming, and CO2 storage. <i>Mitigation and Adaptation Strategies for Global Change</i> , 2019, 24, 1231-1248.	1.0	16
17	The Availability of Limestone and Other Raw Materials for Ocean Alkalinity Enhancement. <i>Global Biogeochemical Cycles</i> , 2022, 36, .	1.9	16
18	Target Cleanup Levels at the Site of a Former Manufactured Gas Plant in Northern Italy: Deterministic versus Probabilistic Results. <i>Environmental Science & Technology</i> , 2000, 34, 3843-3848.	4.6	15

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19	Alkalinization Scenarios in the Mediterranean Sea for Efficient Removal of Atmospheric CO ₂ and the Mitigation of Ocean Acidification. <i>Frontiers in Climate</i> , 2021, 3, .	1.3	15
20	A climate mitigation action index at the local scale: Methodology and case study. <i>Journal of Environmental Management</i> , 2020, 260, 110024.	3.8	12
21	Traffic emission scenarios in Lombardy region in 1998â€“2015. <i>Science of the Total Environment</i> , 2008, 389, 453-465.	3.9	11
22	Evaluation of a new technology for carbon dioxide submarine storage in glass capsules. <i>International Journal of Greenhouse Gas Control</i> , 2017, 60, 140-155.	2.3	11
23	Anthropogenic climate change as a monumental niche construction process: background and philosophical aspects. <i>Biology and Philosophy</i> , 2020, 35, 1.	0.7	11
24	Use of aircraft in ocean alkalinity enhancement. <i>Science of the Total Environment</i> , 2022, 822, 153484.	3.9	8
25	Methane emissions from small residential wood combustion appliances: Experimental emission factors and warming potential. <i>Atmospheric Environment</i> , 2018, 189, 164-173.	1.9	7
26	Buffered accelerated weathering of limestone for storing CO ₂ : Chemical background. <i>International Journal of Greenhouse Gas Control</i> , 2021, 112, 103517.	2.3	7
27	GHGs emissions from waste disposal in Lombardia (Italy): inventory 1975-2008 and projections 2009-2020. <i>Waste Management and Research</i> , 2011, 29, 834-842.	2.2	2
28	Evaluating the scientific credentials of the supporters of public petitions denying anthropogenic climate change. <i>Tellus, Series A: Dynamic Meteorology and Oceanography</i> , 2021, 73, 1-4.	0.8	2
29	Carbon dioxide submarine storage in glass containers: Life Cycle Assessment and cost analysis of four case studies in the cement sector. <i>Mitigation and Adaptation Strategies for Global Change</i> , 2020, 25, 165-183.	1.0	1
30	I cambiamenti climatici: la sfida del XXI secolo. <i>E3S Web of Conferences</i> , 2014, 2, 02005.	0.2	0
31	Design of glass containers for submarine carbon storage. <i>Packaging Technology and Science</i> , 2022, 35, 259-271.	1.3	0