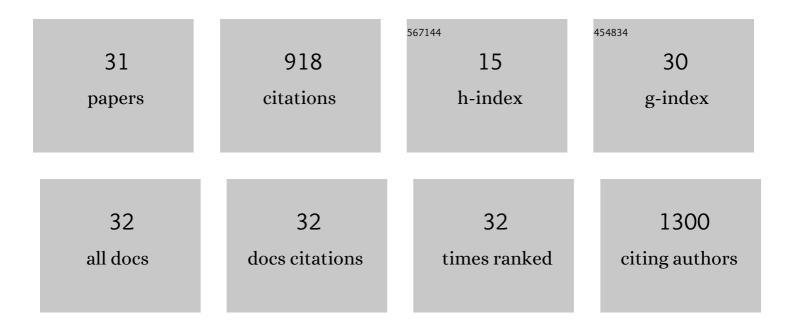
## Stefano Caserini

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/6194114/publications.pdf Version: 2024-02-01



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

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#	ARTICLE	IF	CITATIONS
19	Alkalinization Scenarios in the Mediterranean Sea for Efficient Removal of Atmospheric CO2 and the Mitigation of Ocean Acidification. Frontiers in Climate, 2021, 3, .	1.3	15
20	A climate mitigation action index at the local scale: Methodology and case study. Journal of Environmental Management, 2020, 260, 110024.	3.8	12
21	Traffic emission scenarios in Lombardy region in 1998–2015. Science of the Total Environment, 2008, 389, 453-465.	3.9	11
22	Evaluation of a new technology for carbon dioxide submarine storage in glass capsules. International Journal of Greenhouse Gas Control, 2017, 60, 140-155.	2.3	11
23	Anthropogenic climate change as a monumental niche construction process: background and philosophical aspects. Biology and Philosophy, 2020, 35, 1.	0.7	11
24	Use of aircraft in ocean alkalinity enhancement. Science of the Total Environment, 2022, 822, 153484.	3.9	8
25	Methane emissions from small residential wood combustion appliances: Experimental emission factors and warming potential. Atmospheric Environment, 2018, 189, 164-173.	1.9	7
26	Buffered accelerated weathering of limestone for storing CO2: Chemical background. International Journal of Greenhouse Gas Control, 2021, 112, 103517.	2.3	7
27	GHGs emissions from waste disposal in Lombardia (Italy): inventory 1975-2008 and projections 2009-2020. Waste Management and Research, 2011, 29, 834-842.	2.2	2
28	Evaluating the scientific credentials of the supporters of public petitions denying anthropogenic climate change. Tellus, Series A: Dynamic Meteorology and Oceanography, 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. Mitigation and Adaptation Strategies for Global Change, 2020, 25, 165-183.	1.0	1
30	I cambiamenti climatici: la sfida del XXI secolo. E3S Web of Conferences, 2014, 2, 02005.	0.2	0
31	Design of glass containers for submarine carbon storage. Packaging Technology and Science, 2022, 35, 259-271.	1.3	0