

# Maria Grazia Badas

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2019552/publications.pdf>

Version: 2024-02-01

17  
papers

225  
citations

1163117

8  
h-index

996975

15  
g-index

17  
all docs

17  
docs citations

17  
times ranked

191  
citing authors

#	ARTICLE	IF	CITATIONS
1	Space-time multifractality of remotely sensed rainfall fields. <i>Journal of Hydrology</i> , 2006, 322, 2-13.	5.4	51
2	On the effect of gable roof on natural ventilation in two-dimensional urban canyons. <i>Journal of Wind Engineering and Industrial Aerodynamics</i> , 2017, 162, 24-34.	3.9	45
3	Turbulence and Air Exchange in a Two-Dimensional Urban Street Canyon Between Gable Roof Buildings. <i>Boundary-Layer Meteorology</i> , 2018, 167, 123-143.	2.3	26
4	The air quality in narrow two-dimensional urban canyons with pitched and flat roof buildings. <i>International Journal of Environment and Pollution</i> , 2017, 62, 347.	0.2	19
5	Spatial structures and scaling in the Convective Boundary Layer. <i>Experiments in Fluids</i> , 2011, 50, 1093-1107.	2.4	10
6	A mechanical saffron flower harvesting system. <i>Meccanica</i> , 2014, 49, 2785-2796.	2.0	10
7	On the Flow Past an Array of Two-Dimensional Street Canyons Between Slender Buildings. <i>Boundary-Layer Meteorology</i> , 2020, 174, 251-273.	2.3	10
8	On the Effect of Regular Waves on Inclined Negatively Buoyant Jets. <i>Water (Switzerland)</i> , 2018, 10, 726.	2.7	9
9	3D Finite Time Lyapunov Exponents in a left ventricle laboratory model. <i>EPJ Web of Conferences</i> , 2015, 92, 02004.	0.3	8
10	On The Effect Of The Shape Of Buildings And Chimneystacks On Ventilation And Pollutant Dispersion. <i>EPJ Web of Conferences</i> , 2019, 213, 02017.	0.3	6
11	A non-intrusive and continuous-in-space technique to investigate the wave transformation and breaking over a breakwater. <i>EPJ Web of Conferences</i> , 2016, 114, 02022.	0.3	6
12	Air exchange in urban canyons with variable building width: a numerical LES approach. <i>International Journal of Environment and Pollution</i> , 2019, 65, 103.	0.2	5
13	May a Standard VOF Numerical Simulation Adequately Complete Spillway Laboratory Measurements in an Operational Context? The Case of Sa Stria Dam. <i>Water (Switzerland)</i> , 2020, 12, 1606.	2.7	5
14	A Street Graph-Based Morphometric Characterization of Two Large Urban Areas. <i>Sustainability</i> , 2021, 13, 1025.	3.2	5
15	How gable roofs change the mechanisms of turbulent vertical momentum transfer: A LES study on two-dimensional urban canyons. <i>Journal of Wind Engineering and Industrial Aerodynamics</i> , 2021, 209, 104432.	3.9	5
16	Urban areas parameterisation for CFD simulation and cities air quality analysis.. <i>International Journal of Environment and Pollution</i> , 2020, 1, 1.	0.2	3
17	Numerical and Experimental Investigation of Wave Overtopping of Barriers. <i>Water (Switzerland)</i> , 2020, 12, 451.	2.7	2