

Gianluca Mussetti

List of Publications by Year in descending order

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6
papers

224
citations

1684188

5
h-index

1872680

6
g-index

6
all docs

6
docs citations

6
times ranked

156
citing authors

| # | ARTICLE | IF | CITATIONS |
|---|---|------|-----------|
| 1 | The role of urban trees in reducing land surface temperatures in European cities. <i>Nature Communications</i> , 2021, 12, 6763. | 12.8 | 123 |
| 2 | COSMO-BEP-Tree v1.0: a coupled urban climate model with explicit representation of street trees. <i>Geoscientific Model Development</i> , 2020, 13, 1685-1710. | 3.6 | 37 |
| 3 | Coupled CFD framework with mesoscale urban climate model: Application to microscale urban flows with weak synoptic forcing. <i>Journal of Wind Engineering and Industrial Aerodynamics</i> , 2020, 197, 104059. | 3.9 | 35 |
| 4 | Simulating urban climate at sub-kilometre scale for representing the intra-urban variability of Zurich, Switzerland. <i>International Journal of Climatology</i> , 2020, 40, 458-476. | 3.5 | 21 |
| 5 | Do Electric Vehicles Mitigate Urban Heat? The Case of a Tropical City. <i>Frontiers in Environmental Science</i> , 2022, 10, . | 3.3 | 7 |
| 6 | Achieving uniform concentration by optimised dosage in a microchannel. <i>Meccanica</i> , 2014, 49, 2543-2547. | 2.0 | 1 |