

Martino Schiavetti

List of Publications by Year in descending order

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Version: 2024-02-01

15
papers

268
citations

840776

11
h-index

996975

15
g-index

15
all docs

15
docs citations

15
times ranked

130
citing authors

#	ARTICLE	IF	CITATIONS
1	Experimental tests of inhomogeneous hydrogen deflagrations in the presence of obstacles. International Journal of Hydrogen Energy, 2021, 46, 12455-12463.	7.1	15
2	The effect of venting process on the progress of a vented deflagration. International Journal of Hydrogen Energy, 2019, 44, 9080-9088.	7.1	24
3	Blind-prediction: Estimating the consequences of vented hydrogen deflagrations for inhomogeneous mixtures in 20-foot ISO containers. Journal of Loss Prevention in the Process Industries, 2019, 61, 220-236.	3.3	17
4	Blind-prediction: Estimating the consequences of vented hydrogen deflagrations for homogeneous mixtures in 20-foot ISO containers. International Journal of Hydrogen Energy, 2019, 44, 8997-9008.	7.1	15
5	Small scale experiments and Fe model validation of structural response during hydrogen vented deflagrations. International Journal of Hydrogen Energy, 2019, 44, 9063-9070.	7.1	8
6	Non-homogeneous hydrogen deflagrations in small scale enclosure. Experimental results. International Journal of Hydrogen Energy, 2018, 43, 19293-19304.	7.1	17
7	Maximum overpressure vs. H ₂ concentration non-monotonic behavior in vented deflagration. Experimental results. International Journal of Hydrogen Energy, 2017, 42, 7494-7503.	7.1	44
8	Analysis of acoustic pressure oscillation during vented deflagration and proposed model for the interaction with the flame front. International Journal of Hydrogen Energy, 2017, 42, 7707-7715.	7.1	15
9	Experimental study of vented hydrogen deflagration with ignition inside and outside the vented volume. International Journal of Hydrogen Energy, 2014, 39, 20455-20461.	7.1	34
10	Experimental study of hydrogen releases in the passenger compartment of a Piaggio Porter. International Journal of Hydrogen Energy, 2012, 37, 17470-17477.	7.1	5
11	Natural and forced ventilation study in an enclosure hosting a fuel cell. International Journal of Hydrogen Energy, 2011, 36, 2478-2488.	7.1	12
12	Experimental studies on wind influence on hydrogen release from low pressure pipelines. International Journal of Hydrogen Energy, 2011, 36, 2414-2425.	7.1	3
13	Consequence assessment of the BBC H ₂ refuelling station using the ADREA-HF code. International Journal of Hydrogen Energy, 2011, 36, 2573-2581.	7.1	5
14	Benchmark exercise on risk assessment methods applied to a virtual hydrogen refuelling station. International Journal of Hydrogen Energy, 2011, 36, 2666-2677.	7.1	34
15	Turbulent hydrogen deflagration induced by obstacles in real confined environment. International Journal of Hydrogen Energy, 2009, 34, 4669-4674.	7.1	20