Clara Iacovano

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/3032563/publications.pdf

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13	66	2257833	1719901
papers	citations	3 h-index	7 g-index

13	13	13	42
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Large-Eddy simulation of lean and ultra-lean combustion using advanced ignition modelling in a transparent combustion chamber engine. Applied Energy, 2020, 280, 115949.	5.1	21
2	Application of a zonal hybrid URANS/LES turbulence model to high and low-resolution grids for engine simulation. International Journal of Engine Research, 2021, 22, 2745-2764.	1.4	13
3	Analysis and Simulation of Non-Flamelet Turbulent Combustion in a Research Optical Engine. Energy Procedia, 2018, 148, 463-470.	1.8	6
4	A Preliminary 1D-3D Analysis of the Darmstadt Research Engine Under Motored Condition. E3S Web of Conferences, 2020, 197, 06006.	0.2	6
5	Combustion modelling of turbulent jet ignition in a divided combustion chamber. International Journal of Engine Research, 2022, 23, 1937-1953.	1.4	5
6	Development of gasoline-ethanol blends laminar flame speed correlations at full-load Si engine conditions via 1D simulations. AIP Conference Proceedings, 2019, , .	0.3	4
7	Validation of a LES Spark-Ignition Model (GLIM) for Highly-Diluted Mixtures in a Closed Volume Combustion Vessel. SAE International Journal of Advances and Current Practices in Mobility, 0, 3, 2852-2862.	2.0	3
8	A wall-adapted zonal URANS/LES methodology for the scale-resolving simulation of engine flows. International Journal of Engine Research, 2022, 23, 1732-1747.	1.4	2
9	Numerical Simulation of Syngas Blends Combustion in a Research Single-Cylinder Engine. , 0, , .		2
10	Standard and consistent Detached-Eddy Simulation for turbulent engine flow modeling: an application to the TCC-III engine. E3S Web of Conferences, 2020, 197, 06021.	0.2	2
11	A Data-Driven Methodology for the Simulation of Turbulent Flame Speed across Engine-Relevant Combustion Regimes. Energies, 2021, 14, 4210.	1.6	1
12	Impact of Grid Density on the Analysis of the In-Cylinder Flow of an Optical Engine. E3S Web of Conferences, 2020, 197, 06018.	0.2	1
13	Comparison Between Experimental and Simulated Knock Statistics Using an Advanced Fuel Surrogate Model. E3S Web of Conferences, 2020, 197, 06012.	0.2	0