

Alex Krisman

List of Publications by Year in descending order

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Version: 2024-02-01

10
papers

486
citations

933447

10
h-index

1372567

10
g-index

10
all docs

10
docs citations

10
times ranked

366
citing authors

#	ARTICLE	IF	CITATIONS
1	The structure and propagation of laminar flames under autoignitive conditions. <i>Combustion and Flame</i> , 2018, 188, 399-411.	5.2	90
2	A direct numerical simulation of cool-flame affected autoignition in diesel engine-relevant conditions. <i>Proceedings of the Combustion Institute</i> , 2017, 36, 3567-3575.	3.9	70
3	Characterisation of two-stage ignition in diesel engine-relevant thermochemical conditions using direct numerical simulation. <i>Combustion and Flame</i> , 2016, 172, 326-341.	5.2	63
4	Polybranchial structures in dimethyl ether edge-flames at negative temperature coefficient conditions. <i>Proceedings of the Combustion Institute</i> , 2015, 35, 999-1006.	3.9	62
5	Two-stage autoignition and edge flames in a high pressure turbulent jet. <i>Journal of Fluid Mechanics</i> , 2017, 824, 5-41.	3.4	51
6	On the potential of ethanol fuel stratification to extend the high load limit in stratified-charge compression-ignition engines. <i>Fuel</i> , 2012, 99, 45-54.	6.4	43
7	A DNS evaluation of mixing models for transported PDF modelling of turbulent nonpremixed flames. <i>Combustion and Flame</i> , 2014, 161, 2085-2106.	5.2	35
8	A parametric study of ignition dynamics at ECN Spray A thermochemical conditions using 2D DNS. <i>Proceedings of the Combustion Institute</i> , 2019, 37, 4787-4795.	3.9	33
9	Reference natural gas flames at nominally autoignitive engine-relevant conditions. <i>Proceedings of the Combustion Institute</i> , 2019, 37, 1631-1638.	3.9	26
10	Structure and propagation of two-dimensional, partially premixed, laminar flames in diesel engine conditions. <i>Proceedings of the Combustion Institute</i> , 2019, 37, 1961-1969.	3.9	13