

# Alex Krisman

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3369136/publications.pdf>

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