

# Shashank Yellapantula

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5683165/publications.pdf>

Version: 2024-02-01

8  
papers

117  
citations

1478505

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1872680

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8  
docs citations

8  
times ranked

84  
citing authors

#	ARTICLE	IF	CITATIONS
1	Deep learning for presumed probability density function models. Combustion and Flame, 2019, 208, 436-450.	5.2	45
2	Adaptive mesh based combustion simulations of direct fuel injection effects in a supersonic cavity flame-holder. Combustion and Flame, 2021, 232, 111531.	5.2	31
3	Deep learning-based model for progress variable dissipation rate in turbulent premixed flames. Proceedings of the Combustion Institute, 2021, 38, 2929-2938.	3.9	16
4	Deep reinforcement learning for dynamic control of fuel injection timing in multi-pulse compression ignition engines. International Journal of Engine Research, 2022, 23, 1503-1521.	2.3	9
5	How equation of state selection impacts accuracy near the critical point: Forced convection supercritical CO2 flow over a cylinder. Journal of Supercritical Fluids, 2021, 171, 105141.	3.2	7
6	Co-optimized machine-learned manifold models for large eddy simulation of turbulent combustion. Combustion and Flame, 2022, 244, 112286.	5.2	7
7	Impingement of a Supercritical Carbon Dioxide Jet on a Planar Surface. , 2019, , .		1
8	Visualization of Jet Impingement and Ignition in a Piston-cylinder Chamber. , 2021, , .		1