Prithwish Kundu

List of Publications by Year
in descending order

8 papers	221 citations	1684188 5 h-index	1720034 7 g-index
8 all docs	8 docs citations	8 times ranked	183 citing authors

#	ARTICLE	IF	CITATIONS
1	Importance of turbulence-chemistry interactions at low temperature engine conditions. Combustion and Flame, 2017, 183, 283-298.	5.2	60
2	Application of deep artificial neural networks to multi-dimensional flamelet libraries and spray flames. International Journal of Engine Research, 2020, 21, 151-168.	2.3	56
3	EVALUATION OF TURBULENCE-CHEMISTRY INTERACTION UNDER DIESEL ENGINE CONDITIONS WITH MULTI-FLAMELET RIF MODEL. Atomization and Sprays, 2014, 24, 779-800.	0.8	49
4	Novel Tabulated Combustion Model Approach for Lifted Spray Flames with Large Eddy Simulations. SAE International Journal of Engines, 0, 9, 2056-2065.	0.4	22
5	Efficient bifurcation and tabulation of multi-dimensional combustion manifolds using deep mixture of experts: An a priori study. Proceedings of the Combustion Institute, 2021, 38, 5889-5896.	3.9	18
6	An equivalent dissipation rate model for capturing history effects in non-premixed flames. Combustion and Flame, 2017, 176, 202-212.	5.2	11
7	Recent Progress in Turbulent Combustion Modeling of Spray Flames Using Flamelet Models. Energy, Environment, and Sustainability, 2018, , 477-512.	1.0	3
8	A Novel *In Situ* Flamelet Tabulation Methodology for the Representative Interactive Flamelet Model. Combustion Science and Technology, 2020, 192, 1-25.	2.3	2