

Mohammad Rafi Malik

List of Publications by Year in descending order

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Version: 2024-02-01

6
papers

280
citations

1937685

4
h-index

2272923

4
g-index

6
all docs

6
docs citations

6
times ranked

212
citing authors

#	ARTICLE	IF	CITATIONS
1	Principal component analysis based combustion model in the context of a lifted methane/air flame: Sensitivity to the manifold parameters and subgrid closure. <i>Combustion and Flame</i> , 2022, 244, 112134.	5.2	12
2	Combustion modeling using Principal Component Analysis: A posteriori validation on Sandia flames D, E and F. <i>Proceedings of the Combustion Institute</i> , 2021, 38, 2635-2643.	3.9	35
3	A Machine-Learning Framework for Plasma-Assisted Combustion Using Principal Component Analysis and Gaussian Process Regression. <i>Space Technology Proceedings</i> , 2021, , 379-392.	0.1	0
4	Principal component analysis coupled with nonlinear regression for chemistry reduction. <i>Combustion and Flame</i> , 2018, 187, 30-41.	5.2	53
5	Edcsmoke: A new combustion solver for stiff chemistry based on OpenFOAM®. <i>AIP Conference Proceedings</i> , 2017, , .	0.4	0
6	Extension of the Eddy Dissipation Concept for turbulence/chemistry interactions to MILD combustion. <i>Fuel</i> , 2016, 163, 98-111.	6.4	180