

# Mohammad Rafi Malik

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8834414/publications.pdf>

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