

Cyrus K Madnia

List of Publications by Year in descending order

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Version: 2024-02-01

9
papers

180
citations

1478505

6
h-index

1474206

9
g-index

9
all docs

9
docs citations

9
times ranked

144
citing authors

#	ARTICLE	IF	CITATIONS
1	Entrainment in a compressible turbulent shear layer. Journal of Fluid Mechanics, 2016, 797, 564-603.	3.4	64
2	Local flow topology and velocity gradient invariants in compressible turbulent mixing layer. Journal of Fluid Mechanics, 2015, 774, 67-94.	3.4	44
3	The effect of heat release on the entrainment in a turbulent mixing layer. Journal of Fluid Mechanics, 2018, 844, 92-126.	3.4	23
4	Viscous superlayer in a reacting compressible turbulent mixing layer. Journal of Fluid Mechanics, 2018, 848, 743-755.	3.4	16
5	Modeling Electron-Phonon Nonequilibrium in Gold Films Using Boltzmann Transport Model. Journal of Heat Transfer, 2009, 131, .	2.1	13
6	A Comparative Study of Two-Temperature and Boltzmann Transport Models for Electron-Phonon Nonequilibrium. Numerical Heat Transfer; Part A: Applications, 2009, 55, 611-633.	2.1	12
7	Modeling Carrier-Phonon Nonequilibrium Due to Pulsed Laser Interaction With Nanoscale Silicon Films. Journal of Heat Transfer, 2010, 132, .	2.1	3
8	High Fidelity Spectral-FDF-LES of Turbulent Scalar Mixing. Combustion Science and Technology, 2020, 192, 1219-1232.	2.3	3
9	Scalar Transport Near the Turbulent/Non-Turbulent Interface in Reacting Compressible Mixing Layers. Heat and Mass Transfer, 2020, , 25-46.	0.5	2