

Yen Liu

List of Publications by Year in descending order

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6
papers

874
citations

1937457

4
h-index

2272820

4
g-index

6
all docs

6
docs citations

6
times ranked

715
citing authors

| # | ARTICLE | IF | CITATIONS |
|---|--|-----|-----------|
| 1 | Spectral difference method for unstructured grids I: Basic formulation. Journal of Computational Physics, 2006, 216, 780-801. | 1.9 | 716 |
| 2 | General multi-group macroscopic modeling for thermo-chemical non-equilibrium gas mixtures. Journal of Chemical Physics, 2015, 142, 134109. | 1.2 | 76 |
| 3 | Modeling of dissociation and energy transfer in shock-heated nitrogen flows. Physics of Fluids, 2015, 27, . | 1.6 | 56 |
| 4 | Coarse-grained modeling of thermochemical nonequilibrium using the multigroup maximum entropy quadratic formulation. Physical Review E, 2020, 101, 013307. | 0.8 | 26 |
| 5 | Advanced Modeling of Non-equilibrium Flows using a Maximum Entropy “Quadratic” Formulation. , 2017, , . | | 0 |
| 6 | Multi-Group Maximum Entropy Model for Translational Non-Equilibrium. , 2017, , . | | 0 |