

Guillaume Beardsell

List of Publications by Year in descending order

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Version: 2024-02-01

6
papers

36
citations

1684188

5
h-index

1872680

6
g-index

6
all docs

6
docs citations

6
times ranked

30
citing authors

#	ARTICLE	IF	CITATIONS
1	Investigation of the viscous reconnection phenomenon of two vortex tubes through spectral simulations. <i>Physics of Fluids</i> , 2016, 28, 095103.	4.0	13
2	Impact of pressure fluctuations on the dynamics of laminar premixed flames. <i>Proceedings of the Combustion Institute</i> , 2019, 37, 1895-1902.	3.9	6
3	A fast, low-memory, and stable algorithm for implementing multicomponent transport in direct numerical simulations. <i>Journal of Computational Physics</i> , 2020, 406, 109185.	3.8	5
4	A cost-effective semi-implicit method for the time integration of fully compressible reacting flows with stiff chemistry. <i>Journal of Computational Physics</i> , 2020, 414, 109479.	3.8	5
5	Fully compressible simulations of the impact of acoustic waves on the dynamics of laminar premixed flames for engine-relevant conditions. <i>Proceedings of the Combustion Institute</i> , 2021, 38, 1923-1931.	3.9	5
6	Framework for simulating stationary spherical flames. <i>Proceedings of the Combustion Institute</i> , 2021, 38, 2109-2117.	3.9	2