

Paul G Arias

List of Publications by Year in descending order

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Version: 2024-02-01

8
papers

287
citations

1307594

7
h-index

1588992

8
g-index

8
all docs

8
docs citations

8
times ranked

271
citing authors

#	ARTICLE	IF	CITATIONS
1	Computational characterization of ignition regimes in a syngas/air mixture with temperature fluctuations. Proceedings of the Combustion Institute, 2017, 36, 3705-3716.	3.9	48
2	Direct Numerical Simulations of Statistically Stationary Turbulent Premixed Flames. Combustion Science and Technology, 2016, 188, 1182-1198.	2.3	41
3	A computational study of ethylene-air sooting flames: Effects of large polycyclic aromatic hydrocarbons. Combustion and Flame, 2016, 163, 427-436.	5.2	48
4	A flame particle tracking analysis of turbulence-chemistry interaction in hydrogen-air premixed flames. Combustion and Flame, 2016, 163, 220-240.	5.2	66
5	Flow topologies in different regimes of premixed turbulent combustion: A direct numerical simulation analysis. Physical Review Fluids, 2016, 1, .	2.5	36
6	Dynamics of flow-soot interaction in wrinkled non-premixed ethylene-air flames. Combustion Theory and Modelling, 2015, 19, 568-586.	1.9	6
7	A computational study of syngas auto-ignition characteristics at high-pressure and low-temperature conditions with thermal inhomogeneities. Combustion Theory and Modelling, 2015, 19, 587-601.	1.9	24
8	Direct numerical simulations of non-premixed ethylene-air flames: Local flame extinction criterion. Combustion and Flame, 2014, 161, 2933-2950.	5.2	18