

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
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g-index

8
all docs

8
docs citations

8
times ranked

271
citing authors

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