

Takeshi Shoji

List of Publications by Year in descending order

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Version: 2024-02-01

13
papers

126
citations

1478505

6
h-index

1474206

9
g-index

14
all docs

14
docs citations

14
times ranked

84
citing authors

#	ARTICLE	IF	CITATIONS
1	Effects of controlled vortex generation and interactions in transverse jets. <i>Physical Review Fluids</i> , 2022, 7, .	2.5	3
2	A new pattern of flame/flow dynamics for lean-premixed, low-swirl hydrogen turbulent jet flames under thermoacoustic instability. <i>Proceedings of the Combustion Institute</i> , 2021, 38, 2835-2843.	3.9	7
3	Effects of Flame Behaviors on Combustion Noise from Lean-Premixed Hydrogen Low-Swirl Flames. <i>AIAA Journal</i> , 2020, 58, 4505-4521.	2.6	7
4	Structural and stability characteristics of jets in crossflow “ CORRIGENDUM. <i>Journal of Fluid Mechanics</i> , 2020, 890, .	3.4	0
5	On the origins of transverse jet shear layer instability transition. <i>Journal of Fluid Mechanics</i> , 2020, 890, .	3.4	16
6	Effects of Sinusoidal Excitation on Transverse Jet Dynamics, Structure, and Mixing. <i>AIAA Journal</i> , 2020, 58, 3889-3901.	2.6	6
7	Effects of Flame Structures on Direct Combustion Noise Produced by Lean-Premixed H ₂ /Air Low-Swirl Jet Flames. , 2020, , .		0
8	Transverse jet lock-in and quasiperiodicity. <i>Physical Review Fluids</i> , 2020, 5, .	2.5	7
9	Exploration of Asymmetric Forcing on Mixing and Structural Characteristics for Transverse Jets. , 2019, , .		1
10	Effects of Axisymmetric Square-Wave Excitation on Transverse Jet Structure and Mixing. <i>AIAA Journal</i> , 2019, 57, 1862-1876.	2.6	6
11	Influence of the velocity field on scalar transport in gaseous transverse jets. <i>Journal of Fluid Mechanics</i> , 2018, 834, 173-219.	3.4	23
12	Transverse jet mixing characteristics. <i>Journal of Fluid Mechanics</i> , 2016, 790, 237-274.	3.4	43
13	Early Detection of Thermoacoustic Combustion Oscillations in Staged Multisector Combustor. <i>AIAA Journal</i> , 0, , 1-8.	2.6	7