

Takeshi Shoji

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6339896/publications.pdf>

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