

Wenjiang Xu

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/10157248/publications.pdf>

Version: 2024-02-01

12
papers

241
citations

1163117

8
h-index

1199594

12
g-index

12
all docs

12
docs citations

12
times ranked

130
citing authors

#	ARTICLE	IF	CITATIONS
1	Single-shot 3D flame diagnostic based on volumetric laser induced fluorescence (VLIF). Proceedings of the Combustion Institute, 2017, 36, 4575-4583.	3.9	64
2	Single-shot volumetric laser induced fluorescence (VLIF) measurements in turbulent flows seeded with iodine. Optics Express, 2015, 23, 33408.	3.4	59
3	Analysis of 3D combustion measurements using CH-based tomographic VLIF (volumetric laser induced) Tj ETQq1 1 0,784314 rgBT /O	5.2	28
4	Comparison of 2D and 3D flame topography measured by planar laser-induced fluorescence and tomographic chemiluminescence. Applied Optics, 2016, 55, 5310.	2.1	25
5	Kilohertz VLIF (volumetric laser induced fluorescence) measurements in a seeded free gas-phase jet in the transitionally turbulent flow regime. Optics and Lasers in Engineering, 2018, 102, 52-58.	3.8	18
6	3D flame topography obtained by tomographic chemiluminescence with direct comparison to planar Mie scattering measurements. Applied Optics, 2015, 54, 2174.	1.8	16
7	Super resolution PLIF demonstrated in turbulent jet flows seeded with I2. Optics and Laser Technology, 2018, 101, 216-222.	4.6	12
8	Multi-angular Flame Measurements and Analysis in a Supersonic Wind Tunnel Using Fiber-Based Endoscopes. Journal of Engineering for Gas Turbines and Power, 2016, 138, .	1.1	8
9	Numerical demonstration of 3D reduced order tomographic flame diagnostics without angle calibration. Optik, 2020, 220, 165198.	2.9	5
10	Development of learning-based noise reduction and image reconstruction algorithm in two dimensional Rayleigh thermometry. Optik, 2021, 248, 168082.	2.9	4
11	Diagnostic in a reverse-flow aeroengine model combustor under elevated inlet pressure and temperature using spontaneous Raman. Applied Physics B: Lasers and Optics, 2022, 128, 1.	2.2	1
12	3D spatial resolution characterization for volumetric computed tomography. AIP Advances, 2022, 12, 035322.	1.3	1