

Michael BÄrner

List of Publications by Year in descending order

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Version: 2024-02-01

10
papers

69
citations

1684188

5
h-index

1872680

6
g-index

10
all docs

10
docs citations

10
times ranked

30
citing authors

#	ARTICLE	IF	CITATIONS
1	Laser ignition of a multi-injector LOX/methane combustor. CEAS Space Journal, 2018, 10, 273-286.	2.3	14
2	Combustion dynamics in cryogenic rocket engines: Research programme at DLR Lampoldshausen. Acta Astronautica, 2018, 147, 251-258.	3.2	13
3	Laser ignition of an experimental combustion chamber with a multi-injector configuration at low pressure conditions. CEAS Space Journal, 2017, 9, 299-311.	2.3	12
4	Repetitive laser ignition by optical breakdown of a LOX/H ₂ rocket combustion chamber with multi-injector head configuration. CEAS Space Journal, 2017, 9, 289-297.	2.3	9
5	Injector-coupled thermoacoustic instabilities in an experimental LOX-methane rocket combustor during start-up. CEAS Space Journal, 2020, 12, 267-279.	2.3	7
6	Experimental Study of a Laser-Ignited Liquid Cryogenic Rocket Engine. , 2015, , .		7
7	Laminar Burning Speeds and Flammability Limits of CH ₄ /O ₂ Mixtures With Varying N ₂ Dilution at Sub-Atmospheric Conditions. Combustion Science and Technology, 2023, 195, 1910-1929.	2.3	5
8	Comparison of laser ignition and torch ignition in a subscale rocket combustor. , 2018, , .		1
9	Laser Ignition for Space Propulsion Systems. , 2015, , .		1
10	Laser Ignition of Cryogenic Propellants in Space Propulsion. , 2019, , .		0