

# Michael BÄrner

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4043362/publications.pdf>

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