

# Hwanil

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2992683/publications.pdf>

Version: 2024-02-01

10  
papers

209  
citations

1163117

8  
h-index

1588992

8  
g-index

10  
all docs

10  
docs citations

10  
times ranked

122  
citing authors

#	ARTICLE	IF	CITATIONS
1	Numerical Study of Mixing Enhancement by Shock Waves in Model Scramjet Engine. AIAA Journal, 2003, 41, 1074-1080.	2.6	80
2	Shock-wave-enhancement of the mixing and the stability limits of supersonic hydrogen-air jet flames. Proceedings of the Combustion Institute, 1996, 26, 2933-2939.	0.3	32
3	Measured supersonic flame properties - Heat-release patterns, pressure losses, thermal choking limits. Journal of Propulsion and Power, 1996, 12, 718-723.	2.2	21
4	Study on the combined effect of various injection conditions on the drag reduction by a counter-flow jet in supersonic flow. Aerospace Science and Technology, 2020, 98, 105580.	4.8	21
5	Numerical study for flame deflector design of a space launch vehicle. Advances in Space Research, 2017, 59, 1833-1847.	2.6	16
6	Combustion Efficiencies of Supersonic Flames. Journal of Propulsion and Power, 2001, 17, 301-307.	2.2	15
7	Analysis of formation and breakup mechanisms in rotary atomization through spray visualization. Journal of Visualization, 2011, 14, 273-283.	1.8	12
8	Drag reduction analysis of counterflow jets in a short penetration mode. Aerospace Science and Technology, 2020, 106, 106065.	4.8	12
9	Reduced Actuator Set for Pressure Control and Thrust Distribution for Multinozzle Propulsion Systems. International Journal of Aerospace Engineering, 2017, 2017, 1-11.	0.9	0
10	Transition Characteristics with Design Parameters of Dual Bell Nozzle. Transactions of the Korean Society of Mechanical Engineers, B, 2018, 42, 503-511.	0.1	0