

# Takeshi

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/578201/publications.pdf>

Version: 2024-02-01

10  
papers

74  
citations

1684188  
5  
h-index

1588992  
8  
g-index

12  
all docs

12  
docs citations

12  
times ranked

51  
citing authors

#	ARTICLE	IF	CITATIONS
1	Study on characteristics of fragment size distribution generated via droplet breakup by high-speed gas flow. <i>Physics of Fluids</i> , 2022, 34, .	4.0	14
2	Plume interference effects of the racetrack-shaped anode-layer Hall thruster system. <i>Mechanical Engineering Journal</i> , 2022, , .	0.4	0
3	Statistical quantification of drop deformation behaviour and breakup initiation time in high speed air flow. <i>Transactions of the JSME (in Japanese)</i> , 2021, 87, 20-00318-20-00318.	0.2	1
4	Impulse bit and ablation characteristics of double cylindrical pulsed plasma thruster. <i>Vacuum</i> , 2021, 186, 110039.	3.5	6
5	Self-ignited flame behavior of high-pressure hydrogen release by rupture disk through a long tube. <i>International Journal of Hydrogen Energy</i> , 2021, 46, 13484-13500.	7.1	21
6	Development of a shock wave generation method through diaphragm laser rupture for high-precision control of shock wave generation time. <i>Transactions of the JSME (in Japanese)</i> , 2020, 86, 19-00434-19-00434.	0.2	2
7	Effect of a wake on drag and deformation of liquid column at high Weber numbers. <i>Journal of Fluid Science and Technology</i> , 2020, 15, JFST0006-JFST0006.	0.6	0
8	Influences of cathode position on operations and thrust performance of side by side Hall thruster system. <i>Vacuum</i> , 2019, 167, 524-529.	3.5	4
9	Optical measurements of unsteady phenomena on coaxial pulsed plasma thrusters. <i>Vacuum</i> , 2013, 88, 52-57.	3.5	9
10	Characteristics of ions impacting grid surfaces in an ion engine. <i>Vacuum</i> , 2010, 85, 585-590.	3.5	17