

# Daria Frank

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1357267/publications.pdf>

Version: 2024-02-01

7  
papers

95  
citations

1937685

4  
h-index

1720034

7  
g-index

7  
all docs

7  
docs citations

7  
times ranked

72  
citing authors

#	ARTICLE	IF	CITATIONS
1	The effectiveness of an air curtain in the doorway of a ventilated building. <i>Journal of Fluid Mechanics</i> , 2014, 756, 130-164.	3.4	37
2	The effects of an opposing buoyancy force on the performance of an air curtain in the doorway of a building. <i>Energy and Buildings</i> , 2015, 96, 20-29.	6.7	33
3	Anticyclonic precession of a plume in a rotating environment. <i>Geophysical Research Letters</i> , 2017, 44, 9400-9407.	4.0	12
4	Plumes in rotating fluid and their transformation into tornados. <i>Journal of Fluid Mechanics</i> , 2021, 924, .	3.4	5
5	Contaminant transport by human passage through an air curtain separating two sections of a corridor: Part II “Two zones at different temperatures. <i>Energy and Buildings</i> , 2021, 236, 110728.	6.7	4
6	Effects of background rotation on the dynamics of multiphase plumes. <i>Journal of Fluid Mechanics</i> , 2021, 915, .	3.4	2
7	Bubble curtains used as barriers across horizontal density stratifications. <i>Journal of Fluid Mechanics</i> , 2022, 941, .	3.4	2