

# Jason Schlup

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3890136/publications.pdf>

Version: 2024-02-01

5  
papers

58  
citations

1684188

5  
h-index

2053705

5  
g-index

5  
all docs

5  
docs citations

5  
times ranked

38  
citing authors

#	ARTICLE	IF	CITATIONS
1	Assessing the impact of multicomponent diffusion in direct numerical simulations of premixed, high-Karlovitz, turbulent flames. <i>Combustion and Flame</i> , 2021, 223, 216-229.	5.2	6
2	A fast, low-memory, and stable algorithm for implementing multicomponent transport in direct numerical simulations. <i>Journal of Computational Physics</i> , 2020, 406, 109185.	3.8	5
3	Reproducing curvature effects due to differential diffusion in tabulated chemistry for premixed flames. <i>Proceedings of the Combustion Institute</i> , 2019, 37, 2511-2518.	3.9	11
4	A reduced thermal diffusion model for H and H <sub>2</sub> . <i>Combustion and Flame</i> , 2018, 191, 1-8.	5.2	18
5	Validation of a mixture-averaged thermal diffusion model for premixed lean hydrogen flames. <i>Combustion Theory and Modelling</i> , 2018, 22, 264-290.	1.9	18