

Andre Weiner

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/295212/publications.pdf>

Version: 2024-02-01

10
papers

109
citations

1684188

5
h-index

1588992

8
g-index

10
all docs

10
docs citations

10
times ranked

104
citing authors

#	ARTICLE	IF	CITATIONS
1	Computational analysis of single rising bubbles influenced by soluble surfactant. Journal of Fluid Mechanics, 2018, 856, 709-763.	3.4	40
2	Advanced subgrid-scale modeling for convection-dominated species transport at fluid interfaces with application to mass transfer from rising bubbles. Journal of Computational Physics, 2017, 347, 261-289.	3.8	35
3	Experimental and numerical investigation of reactive species transport around a small rising bubble. Chemical Engineering Science: X, 2019, 1, 100007.	1.5	13
4	Data-Driven Subgrid-Scale Modeling for Convection-Dominated Concentration Boundary Layers. Chemical Engineering and Technology, 2019, 42, 1349-1356.	1.5	9
5	Assessment of a subgrid-scale model for convection-dominated mass transfer for initial transient rise of a bubble. AIChE Journal, 2022, 68, .	3.6	5
6	flowTorch - a Python library for analysis and reduced-order modeling of fluid flows. Journal of Open Source Software, 2021, 6, 3860.	4.6	3
7	Computing Mass Transfer at Deformable Bubbles for High Schmidt Numbers. Chemie-Ingenieur-Technik, 2021, 93, 81-90.	0.8	2
8	Modeling and Simulation of Convection-Dominated Species Transport in the Vicinity of Rising Bubbles. Fluid Mechanics and Its Applications, 2021, , 329-354.	0.2	1
9	Experimental analysis of longitudinal vortex dynamics. , 2022, , .		1
10	Chemical Reactions at Freely Ascending Single Bubbles. Fluid Mechanics and Its Applications, 2021, , 545-581.	0.2	0