

# Derrick O Njobuenwu

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/12176321/publications.pdf>

Version: 2024-02-01

7  
papers

148  
citations

1684188

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1720034

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g-index

7  
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docs citations

7  
times ranked

142  
citing authors

#	ARTICLE	IF	CITATIONS
1	Modelling of pipe bend erosion by dilute particle suspensions. Computers and Chemical Engineering, 2012, 42, 235-247.	3.8	92
2	Large eddy simulation of microbubble transport in a turbulent horizontal channel flow. International Journal of Multiphase Flow, 2017, 94, 80-93.	3.4	17
3	Simulation of deterministic energy-balance particle agglomeration in turbulent liquid-solid flows. Physics of Fluids, 2017, 29, .	4.0	16
4	Prediction of turbulent gas-solid flow in a duct with a 90° bend using an Eulerian-Lagrangian approach. AIChE Journal, 2012, 58, 14-30.	3.6	12
5	Large eddy simulation of microbubble dispersion and flow field modulation in vertical channel flows. AIChE Journal, 2019, 65, 1325-1339.	3.6	8
6	Large eddy simulation of inertial fiber deposition mechanisms in a vertical downward turbulent channel flow. AIChE Journal, 2017, 63, 1451-1465.	3.6	2
7	Computational modeling of microbubble coalescence and breakup using large eddy simulation and Lagrangian tracking. AIChE Journal, 2020, 66, e17017.	3.6	1