

# Kurian J Vachaparambil

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1161279/publications.pdf>

Version: 2024-02-01

7  
papers

124  
citations

1684188

5  
h-index

1720034

7  
g-index

8  
all docs

8  
docs citations

8  
times ranked

103  
citing authors

#	ARTICLE	IF	CITATIONS
1	On sharp surface force model: Effect of sharpening coefficient. <i>Experimental and Computational Multiphase Flow</i> , 2021, 3, 226-232.	3.9	5
2	Numerical simulation of continuum scale electrochemical hydrogen bubble evolution. <i>Applied Mathematical Modelling</i> , 2021, 98, 343-377.	4.2	15
3	Modeling interfacial mass transfer driven bubble growth in supersaturated solutions. <i>AIP Advances</i> , 2020, 10, .	1.3	4
4	Numerical simulation of bubble growth in a supersaturated solution. <i>Applied Mathematical Modelling</i> , 2020, 81, 690-710.	4.2	14
5	Comparison of Surface Tension Models for the Volume of Fluid Method. <i>Processes</i> , 2019, 7, 542.	2.8	44
6	Rheological characterization of non-Brownian suspensions based on structure kinetics. <i>Soldering and Surface Mount Technology</i> , 2018, 30, 57-64.	1.5	11
7	Explanation of Bubble Nucleation Mechanisms: A Gradient Theory Approach. <i>Journal of the Electrochemical Society</i> , 2018, 165, E504-E512.	2.9	31