

# Kurian J Vachaparambil

## List of Publications by Year in descending order

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

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citing authors

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