

# Rupa Vuthaluru

## List of Publications by Year in descending order

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13  
papers

421  
citations

840728

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h-index

1199563

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all docs

13  
docs citations

13  
times ranked

395  
citing authors

#	ARTICLE	IF	CITATIONS
1	Investigations into the effects of mass transport and flow dynamics of spacer filled membrane modules using CFD. Chemical Engineering Research and Design, 2015, 93, 79-99.	5.6	55
2	Impact of Feed Spacer Filament Spacing on Mass Transport and Fouling Propensities of RO Membrane Surfaces. Chemical Engineering Communications, 2015, 202, 634-646.	2.6	19
3	Use of digital technologies in bridging the gap between face-to-face and remote engineering programs. , 2013, , .		2
4	CFD based prediction of erosion rate in large scale wall-fired boiler. Applied Thermal Engineering, 2012, 42, 90-100.	6.0	53
5	Effect of feed spacer arrangement on flow dynamics through spacer filled membranes. Desalination, 2012, 285, 163-169.	8.2	62
6	CFD based identification of clinker formation regions in large scale utility boiler. Applied Thermal Engineering, 2011, 31, 1368-1380.	6.0	20
7	Control of ash related problems in a large scale tangentially fired boiler using CFD modelling. Applied Energy, 2010, 87, 1418-1426.	10.1	48
8	CFD based investigations into optimization of coal pulveriser performance: Effect of classifier vane settings. Fuel Processing Technology, 2009, 90, 1135-1141.	7.2	36
9	Application of CFD modelling to investigate fluidized limestone reactors for the remediation of acidic drainage waters. Chemical Engineering Journal, 2009, 149, 162-172.	12.7	6
10	Investigation of wear pattern in a complex coal pulveriser using CFD modelling. Fuel Processing Technology, 2006, 87, 687-694.	7.2	12
11	Modelling of a wall fired furnace for different operating conditions using FLUENT. Fuel Processing Technology, 2006, 87, 633-639.	7.2	62
12	Multiphase flow simulation of a simplified coal pulveriser. Fuel Processing Technology, 2005, 86, 1195-1205.	7.2	24
13	Differential absorption measurements of mesospheric and lower thermospheric electron densities using the Buckland Park MF radar. Journal of Atmospheric and Solar-Terrestrial Physics, 2002, 64, 2029-2042.	1.6	22