Milinkumar T Shah

List of Publications by Year
in descending order

16 papers	365 citations	840776 11 h-index	940533 16 g-index
17 all docs	17 docs citations	17 times ranked	347 citing authors

#	Article	IF	Citations
1	Optimized Process for Methanol Production via Bi-reforming Syngas. Industrial & Engineering Chemistry Research, 2022, 61, 5557-5567.	3.7	5
2	Simulations and Optimization of a Reduced CO_2 Emission Process for Methanol Production Using Syngas from Bi-reforming. Energy & Fuels, 2021, 35, 8844-8856.	5.1	13
3	Simultaneous measurements of two phases using an optical probe. Experimental and Computational Multiphase Flow, 2019, 1, 233-241.	3.9	15
4	Vortex shape and gas–liquid hydrodynamics in unbaffled stirred tank. Canadian Journal of Chemical Engineering, 2019, 97, 1913-1920.	1.7	8
5	Impact of HSPBT blade angle on gas phase hydrodynamics in a gas–liquid stirred tank. Chemical Engineering Research and Design, 2018, 130, 219-229.	5.6	8
6	Effect of baffles on performance of fluid catalytic cracking riser. Particuology, 2018, 38, 18-30.	3.6	13
7	Estimation of Bubble Properties in Bubbling Fluidized Bed Using ECVT Measurements. Industrial & Engineering Chemistry Research, 2018, 57, 8319-8333.	3.7	20
8	Effect of drag models on CFD–DEM predictions of bubbling fluidized beds with Geldart D particles. Advanced Powder Technology, 2018, 29, 2658-2669.	4.1	36
9	Computational fluid dynamic modelling of FCC riser: A review. Chemical Engineering Research and Design, 2016, 111, 403-448.	5.6	49
10	Effect of closure models on Eulerian–Eulerian gas–solid flow predictions in riser. Powder Technology, 2015, 269, 247-258.	4.2	35
11	Verification of EMMS formulation using lattice Boltzmann simulations. Powder Technology, 2014, 257, 30-39.	4.2	10
12	Effect of a cluster on gas–solid drag from lattice Boltzmann simulations. Chemical Engineering Science, 2013, 102, 365-372.	3.8	33
13	Effect of Inlet Boundary Conditions on Computational Fluid Dynamics (CFD) Simulations of Gas–Solid Flows in Risers. Industrial & Engineering Chemistry Research, 2012, 51, 1721-1728.	3.7	19
14	Hydrodynamics of an FCC riser using energy minimization multiscale drag model. Chemical Engineering Journal, 2011, 168, 812-821.	12.7	59
15	Simulation of gas–solid flows in riser using energy minimization multiscale model: Effect of cluster diameter correlation. Chemical Engineering Science, 2011, 66, 3291-3300.	3.8	37
16	Gas–solid flow hydrodynamics of an industrial scale catalyst lift engager. Chemical Engineering Journal, 2010, 159, 138-148.	12.7	5