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h-index (Scopus):
10

Citations (Scopus):
467

Supervised MSc Theses

#	Thesis title	By	Date
1	Modeling drag force in gas-solid two-phgase flows at dilute to dence particle packing	Alireza Mohseni & Hamidreza Noroozi	September 2021
2	Modeling of continuous crystallization processes using computational fluid dynamics	Mohammad Zarei & Hamidreza Noroozi	March 2021
3	Microfluidics Fabrication of Stabilized Microemulsions	Mohammad Hossein Javanmard Emam Ghisi & Hamidreza Noroozi	November 2020
4	Experimental and numerical study on encapsulation of probiotic bacteria in microfluidic system	Farshad Niksirat & Hamidreza Noroozi	February 2020

Journal Papers

Portal Records

- Mario Pichler, Bahram Haddadi, Christian Jordan, Hamidreza Noroozi, Michael Harasek, "Effect of particle contact point treatment on the CFD simulation of the heat transfer in packed beds", CHEMICAL ENGINEERING RESEARCH & DESIGN, January 2022 Vol. 165, Num. 1, Page 242-253, January 2022,
- Mario Pichler, Bahram Haddadi, Christian Jordon, Hamidreza Noroozi, Michael Harasek, "Influence of Particle Residence Time Distribution on the Biomass Pyrolysis in a Rotary Kiln", JOURNAL OF ANALYTICAL AND APPLIED PYROLYSIS, September 2021 Vol. 158, Num. 1, Page 1-10, September 2021,







- 3 Alireza Amirabadi Farahani, Hamidreza Noroozi, Reza Zarghami, "Mixing of nanoparticle agglomerates in fluidization using CFD-DEM at ABF and APF regimes", CHEMICAL ENGINEERING RESEARCH & DESIGN, May 2021 Vol. 169, Num. 1, Page 165-175, May 2021,
- 4 Hamidreza Noroozi, Shahab Golshan, Reza Zarghami, "On the drag force closures for multiphase flow modeling", Chemical Product and Process modelling, May 2021 Vol. 1, Num. 1, Page 1-52, May 2021,
- 5 Hamidreza Noroozi, "Simulation of pellet coating in Wurster coaters", INTERNATIONAL JOURNAL OF PHARMACEUTICS, November 2020 Vol. 590, Num. 1, Page 1-16, November 2020,
- 6 S. M. Okhovat, Jaber Shabanian, Hamidreza Noroozi, Reza Zarghami, Jamal Chaouki, Navid Mostoufi, "Effect of interparticle force on gas dynamics in a bubbling gas-solid fluidized bed: A CFD-DEM study", CHEMICAL ENGINEERING RESEARCH & DESIGN, December 2019 Vol. 152, Num. 6, Page 348-362, December 2019,
- 7 Filipp Gobel, Shahab Golshan, Hamidreza Noroozi, Reza Zarghami, Navid Mostoufi, "Simulation of granular mixing in a static mixer by the discrete element method", POWDER TECHNOLOGY, March 2019 Vol. 346, Num. 3, Page 171-179, March 2019,
- 8 S.M. Okhovat-Alavian, Hamidreza Noroozi, Navid Mostoufi, "CFD-DEM Investigation on van der Waals Force in Gas-Solid Bubbling Fluidized Beds", Journal of Chemical and Petroleum Engineering, June 2018 Vol. 52, Num. 1, Page 93-105, June 2018,

Conference Papers

Portal Records

- 1 Saeed Mahdavy, Hamidreza Noroozi, Michael Harasek, Bahram Haddadi, Christian Jordan, "Calculation Residence Time Distribution in a Continuous Rotary Drum by DEM Simulation ", (The 11th International Chemical Engineering Congress & Exhibition (ICChE 2020, October 2020

Taught Courses

#	Course title	Description	Headlines	Date
1	Special Topics(Advanced Computer-aided Process Design	Advanced process design instruction using computer tools		Fall 2021
2	Numerical Methods in Chemical Engineering	Learning common numerical methods in chemical engineering applications		Fall 2021
3	Numerical Methods in Chemical Engineering	Learning common numerical methods in chemical engineering applications		Spring 2021
4	Numerical Methods in Chemical Engineering	Learning common numerical methods in chemical engineering applications		Fall 2020
5	Special Topics(Advanced Computer-aided Process Design	Advanced process design instruction using computer tools		Fall 2020
6	Fluid Mechanics	Teaching students the fluid properties and their mechanical behavior		Fall 2020