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**EDUCATION**

**Ph.D In Chemical Engineering**Polytechnique de Miontreal 1994-1998
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**B.Sc In Chemical Engineering**Sharif University of Technology 1984-1989

**PUBLICATIONS**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **3518** | **31** | **216** | **73** | **17** |
| Citations | h-Index | Article | Conference | Book |

***Articles***

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**3.** Predictive modeling of mixing time for super-ellipsoid particles in a four-bladed mixer: A DEM-based approach. Hoorijani Hamed, Esgandari Behrad, Zarghami Reza, Sotudeh Gharebagh Rahmat, Mostoufi Navid (2023)., POWDER TECHNOLOGY, 430(119009), 119009.

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**11.** Experimental Investigation of Bubble Growth in in a Half-Cylindrical Gas-Solid Fluidized Bed. نیکجو نفیسه, Sotudeh Gharebagh Rahmat, Mostoufi Navid, Zarghami Reza (2023)., Iranian Chemical Engineering, 21(125), 69-78.

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**13.** On Solvent Losses in Amine Absorption Columns. Yazdipour Fatemeh, Amouei Torkmahalleh Mehdi, kamyabi mehdi, Sotudeh Gharebagh Rahmat (2022)., ACS SUSTAINABLE CHEMISTRY & ENGINEERING, 10(34), 11154-11164.

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**18.** CFD‐DEM analysis of the spouted fluidized bed with non‐spherical particles. Esgandari Behrad, Golshan Shahab, Zarghami Reza, Sotudeh Gharebagh Rahmat, Chaouki Jamal (2021)., CANADIAN JOURNAL OF CHEMICAL ENGINEERING, 11(99), 2303–2319.

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**27.** Experimental analysis of the effects of liquid phase surface tension on the hydrodynamics and mass transfer in a square bubble column. Kouzbour Sanaa, Gourich Bouchaib, Stiriba Youssef, Vial Christophe, Gros Fabrice, Sotudeh Gharebagh Rahmat (2021)., INTERNATIONAL JOURNAL OF HEAT AND MASS TRANSFER, 170(121009).

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**39.** Dynamics of two-phase flow in vertical pipes. Ebrahimi Ali, Sotudeh Gharebagh Rahmat, Zarghami Reza, Mostoufi Navid (2019)., JOURNAL OF FLUIDS AND STRUCTURES, 87(1), 150-173.

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**42.** Soft skills for engineering students and graduates. Mohammadzadeh Ali, Sotudeh Gharebagh Rahmat (2019)., Iranian Journal of Engineering Education, 20(80).

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**50.** Complementary educations for chemical engineers from engineering firms respective. خردمندی نیا شاکر, Sotudeh Gharebagh Rahmat (2018)., Iranian Journal of Engineering Education, 20(77), 1-17.

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**ACADEMIC POSITIONS**

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