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**EDUCATION**

**Ph.D In Chemical Engineering**Polytechnique de Miontreal 1994-1998  
**M.A.Sc In Chemical Engineering**Polytechnique de Miontreal 1993-1994  
**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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**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.  
  
**12.** Establishing of Industrial Research Chairs in Iranian Universities with the Participation of Distinguished Scientists. Sotudeh Gharebagh Rahmat, Moghadas Jafarsadegh- (2022)., Iranian Chemical Engineering, 21(122).  
  
**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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**25.** ANALYSIS OF INTERNSHIP COURSES IN TECHNICAL AND ENGINEERING FIELDS USING GROUNDED THEORY. Seyednosrati Amin, Mohammadzadeh Ali, عبدالله نژاد حامد, Sotudeh Gharebagh Rahmat (2021)., Iranian Journal of Engineering Education, 23(89), 43-64.  
  
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**32.** Sequential modular simulation of circulating fluidized bed reactors. Jafari Hassan, امیر شیخی, Sotudeh Gharebagh Rahmat (2020)., CANADIAN JOURNAL OF CHEMICAL ENGINEERING, 98(4), 1003-1016.  
  
**33.** Production of Nanocellulose and Its Applications in Drug Delivery: A Critical Review. Salimi Sina, Sotudeh Gharebagh Rahmat, Zarghami Reza, Hay Yuen Kah, Yee Chan Siok (2019)., ACS SUSTAINABLE CHEMISTRY & ENGINEERING, 7(19), 15800-15827.  
  
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**37.** CFD-DEM modelling of particles attrition in jet-in-fluidized beds. Ghods Nazanin, Golshan Shahab, Zarghami Reza, Sotudeh Gharebagh Rahmat (2019)., CHEMICAL ENGINEERING RESEARCH & DESIGN, 148(-), 336-348.  
  
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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).  
  
**43.** Detecting stability of conical spouted beds based on information entropy theory. Savari Chiya, Sotudeh Gharebagh Rahmat, Kulah Gorkem, Koksal Murat, Mostoufi Navid (2019)., POWDER TECHNOLOGY, 343(343), 185-193.  
  
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**56.** MIGRATION Kinetics of Ethylene Glycol Monomer from Pet Bottles into Acidic Food Simulant: Effects of Nanoparticle Presence and Matrix Morphology. Farhoodi Mehdi, Mohammadifar Mohammad Amin, Ebrahimzadeh Mosavi Seyed Mohammadali, Sotudeh Gharebagh Rahmat, Emam Jomeh Zahra (2017)., JOURNAL OF FOOD PROCESS ENGINEERING, 40(2), 1745–4530.  
  
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**HONORS and AWARDS**

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**Allameh Award-INEF** 2015, Tehran, Iran  
  
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**ACADEMIC POSITIONS**

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