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#### Educations

- 1) Ph.D Equivalent, ---, Chemical engineering, Babol Noshirvani University of Technology
- 2) M.Sc Equivalent, ---, Chemical engineering, Babol Noshirvani University of Technology
- 3) B.Sc Equivalent, ---, Chemical engineering, mazandaran university

#### Papers in International Journals

- 1) Akhundzadeh Hossein, taghizadeh mazandarani majid, Sharifi Pajaie Seyed Hassan, 2018/02/01, Synthesis of highly selective and stable mesoporous Ni–Ce/SAPO-34 nanocatalyst for methanol-to-olefin reaction: Role of polar aprotic N , N -dimethylformamide solvent, Particuology, 2, 70-85
- 2) Shagholani Hamidreza, Ghoreishi Sayed Mehdi, Sharifi Pajaie Seyed Hassan, 2018/06/01, Conversion of amine groups on chitosan-coated SPIONs into carbocyclic acid and investigation of its interaction with BSA in drug delivery systems, JOURNAL OF DRUG DELIVERY SCIENCE AND TECHNOLOGY, 45, 373-377
- 3) Sharifi Pajaie Seyed Hassan, Zabihzadeh Seyed Majid, Ghorbani Mohsen, 2018/08/01, The application of response surface methodology on the synthesis of conductive polyaniline cellulosic fiber nanocomposites, CARBOHYDRATE POLYMERS, 194, 384-394
- 4) Vaezi Khashayar, Asadpour Ghasem, Sharifi Pajaie Seyed Hassan, 2019/03/01, Effect of ZnO nanoparticles on the mechanical, barrier and optical properties of thermoplastic cationic starch .montmorillonite biodegradable films, INTERNATIONAL JOURNAL OF BIOLOGICAL MACROMOLECULES, 124, 519-529
- 5) Archin Saltanat, Sharifi Pajaie Seyed Hassan, Asadpour Ghasem, 2019/05/09, Optimization and modeling of simultaneous ultrasound-assisted adsorption of binary dyes using activated carbon from tobacco residues: Response surface methodology, JOURNAL OF CLEANER PRODUCTION, 33, 123-140
- 6) Vaezi Khashayar, Asadpour Ghasem, Sharifi Pajaie Seyed Hassan, 2019/12/01, Effect of coating with novel bio nanocomposites of cationic starch/cellulose nanocrystals on the fundamental properties of the packaging paper, POLYMER TESTING, 80, 150-175
- 7) Vaezi Khashayar, Asadpour Ghasem, Sharifi Pajaie Seyed Hassan, 2020/03/01, Bio nanocomposites based on cationic starch reinforced with montmorillonite and cellulose nanocrystals: Fundamental properties and biodegradability study, INTERNATIONAL JOURNAL OF BIOLOGICAL MACROMOLECULES, 146, 374-386
- 8) kazemi zahra, Nazarnezhad Nooreddin, Labidi jalel, Sharifi Pajaie Seyed Hassan, 2024/04/24, Preparation of Filter Paper from Bamboo and Investigating the Effect of Additives, Materials, 17, 1977-1977

#### Papers in National Journals

- 1) Sharifi Pajaie Seyed Hassan, Archin Saltanat, Asadpour Ghasem, 2018/03/29, Optimization of Process Parameters by Response Surface Methodology for Methylene Blue Removal Using Cellulose Dusts, CIVIL ENGINEERING JOURNAL-TEHRAN, 4, 620-634
- 2) Sharifi Pajaie Seyed Hassan, Shoja HAssan, 2018/04/30, Optimization of process variables by response surface methodology for methylene blue dye removal using Spruce sawdust MgO nanobiocomposite, journal of water and environmental nanotechnology, 3, 157-172

3) taghizadeh fatemeh, Asadpour Ghasem, Sharifi Pajaie Seyed Hassan, 2021/07/23, Modification of Nano-zeolite Clinoptilolite by iron oxide Magnetic Nanoparticles for green acid 20 Dye Removal from Aqueous Solution, None, 36, 90-104

#### Presented Papers in International Conferences

of Cu-based Nanocatalyst for Hydrogen Production from Steam Reforming of Methanol, 2016/06/28, 2016/06/28  
Chemistry and chemical Engineering, poster presentation, complete article, Artificial neural network-aided development

1) Sharifi Pajaie Seyed Hassan, taghizadeh mazandarani majid, 3rd International Congress of

2) Sharifi Pajaie Seyed Hassan, Zabihzadeh Seyed Majid, ghorbani Mohsen, 1 st international conference on modern technologies in science, poster presentation, complete article, Microstructure and properties of conductive polyaniline-kraft pulp nanocomposite, 2017/09/07, 2017/09/07

3) Vaezi Khashayar, Asadpour Ghasem, Sharifi Pajaie Seyed Hassan, 2nd international conference on modern Technologies in science, announcer, brief article, Effect of ZnO nanoparticles on the tensile strength of the thermoplastic cationic starch/montmorillonite biodegradable films, 2019/03/13, 2019/03/13

4) Archin Saltanat, Sharifi Pajaie Seyed Hassan, Asadpour Ghasem, 2nd international conference on modern Technologies in science, announcer, brief article, Synthesis and characterization of activated carbon from Tobacco residues, 2019/03/13, 2019/03/13

5) Sadifi Bardia, Nazarnezhad Nooreddin, Sharifi Pajaie Seyed Hassan, 2nd international conference on modern Technologies in science, announcer, brief article, Effect of coating with polycaprolactone (PCL), nanocrystalline cellulose (NCC) and zinc oxide (ZnO) composition on the tensile index of the coated papers, 2019/03/13, 2019/03/13

6) Archin Saltanat, Sharifi Pajaie Seyed Hassan, Asadpour Ghasem, 2nd international conference on modern Technologies in science, announcer, brief article, Optimization of process variables on Methylene Blue removal by low cost biosorbent using Central Composite design, 2019/03/13, 2019/03/13

7) Sadifi Bardia, Nazarnezhad Nooreddin, Sharifi Pajaie Seyed Hassan, 2nd international conference on modern Technologies in science, announcer, brief article, Effect of coating with polycaprolactone (PCL), nanocrystalline cellulose (NCC) and zinc oxide (ZnO) composition on the optical properties of the coated papers, 2019/03/13, 2019/03/13

8) taghiadeh fatemeh, Asadpour Ghasem, Sharifi Pajaie Seyed Hassan, 2nd international conference technology development in chemical engineering, poster presentation, complete article, Comparison of the efficiency of nanozeolite and modified nanozeolite with iron oxide magnetic nanoparticles in removing green acid dye 20 from aqueous solution, 2021/02/28, 2021/02/28

9) taghiadeh fatemeh, Asadpour Ghasem, Sharifi Pajaie Seyed Hassan, international conference on nanotechnology&nanoscience, poster presentation, complete article, Modification of clinoptilolite nanozeolite with magnetic iron oxide nanoparticles, 2021/03/14, 2021/03/14

#### Presented Papers in National Conferences

1) zargoshi raheleh, Kavian Ataollah, Soleimani Karim, Sharifi Pajaie Seyed Hassan, 12th National Seminar on Watershed Management Sciences and Engineering of Iran, Watershed Management and Environmental Crisis, poster presentation, complete article, Effect of nano zeolite to decreasing runoff and sediment, 2017/10/10, 2017/10/11

#### Awards & Honors (in terms of: paper, project, etc...)

1) Top University Researcher, in university, research festival, 2020/12/16