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Citations (Scopus):

7467

Supervised PhD Theses

| # | Thesis title | By | Date |
|---|--|---|----------------|
| 1 | dye coloration of reactive dyes by using electron beam radiation | Ali Vahdat Zad & Mokhtar Arami | February 2012 |
| 2 | synthesis and investigation on the properties of cationic Gemini surfactants and their applications in dyeing processes | Leila Mivehi & Mokhtar Arami | October 2010 |
| 3 | dye removal from aqueous solutions using composite photocatalyst of titanium oxid nanoparticles and canola hull activated carbon | Niyaz Mohammad Mahmoodi & Mokhtar Arami | September 2010 |

Supervised MSc Theses

| # | Thesis title | By | Date |
|---|---|---|---------------|
| 1 | production of chitosan / PCL core - shell nanofibers containing drug | Malihe Ghazalian & Mokhtar Arami | February 2016 |
| 2 | The enhancement of photocatalytic dye removal from textile waste water using graphene oxide nano particles | Abdollah Gholami Akerdi & Mokhtar Arami | February 2016 |
| 3 | the effect of electrospinning parameters on diameter and biological properties of nano fibers produced from PCL/ tragacanth | Zahra Zare Khalili & Mokhtar Arami | October 2015 |

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| 4 | synthesis of modified graphene nano particles and their potential in the removal of organic materials from aqueous solutions | Anahita Ghasempour & Mokhtar Arami | October 2015 |
| 5 | Textile waste water treatment via modified mineral adsorbent using hyper branched nano structures | Farnaz Shahamati Fard & Mokhtar Arami | October 2015 |
| 6 | Electrospinning of PCL/ Gelatin / Graphene and investigating produced nano fiber properties | Mina Heidari & Mokhtar Arami | October 2015 |
| 7 | Electrospinning of modified chitosan by Itaconic Acid /Ag | Mina Tavakoli Dareh & Mokhtar Arami | September 2015 |
| 8 | Investigation on interactions between orientation of nano fibers in web and nano filtration efficiency of colourant | Jeyran Masoudi & Mokhtar Arami | February 2015 |
| 9 | Acidic Dye removal from textile wastewater using Advanced Oxidation Processes (AOPs) Nano photocatalyst fenton | Zahra Eshagh Zadeh & Mokhtar Arami | October 2014 |
| 10 | modification of chitosan with acrylamid/ dendrimer and electrospinning of the polymer | Shadi Moshggoo & Mokhtar Arami | June 2014 |
| 11 | CMC) Alfa-Cellulose extraction from wast cotton of Turkmen Sahra and synthesis of its derivatives | Ahmad Hivechi & Mokhtar Arami | June 2014 |
| 12 | Production of nanofibrous membrane from acrylic copolymer and polyamide and its performance in dye removal from textile wastewater | Parastoo Faraji & Mokhtar Arami | October 2013 |
| 13 | Study of antimicrobial and dye absorbant properties of textile material treated by chitosan /dendrimer polyamidoamine(PAMAM) AG and CU | Sahar Aria Badie & Mokhtar Arami | October 2013 |
| 14 | Synthesis and Characterization of pH-Sensitive Halochromic NanoFibers | Azita Noshirvani Sharifabad & Mokhtar Arami | October 2013 |
| 15 | Synthesis of Dendrimers and their modification using Naphthalimide compounds to prepare Fluorescent | Mohammad Dodangeh & Mokhtar Arami | September 2013 |
| 16 | Synthesis and investigation of esterquat softeners and it's application in textile industry | Nima Esmaeilian & Mokhtar Arami | September 2013 |
| 17 | Water and waste water management in the textile industry and providing solutions towards the reduction of water usage and cost | Amir Hossein Abedkarimi & Mokhtar Arami | June 2013 |
| 18 | Modification of chitosan by amine compunds and its application on proteinic fibers | Atiye Zargarkazemi & Mokhtar Arami | October 2012 |
| 19 | removal of dyes and pollutants from textile wastewaters by modified carbon nanotubes | Jalil Ghobadi & Mokhtar Arami | October 2012 |
| 20 | Removal of dyes and organic pollutants from textile wastewaters using natural absorbent(fish bone | Alireza Ebrahimi & Mokhtar Arami | October 2012 |
| 21 | Removal of dyes from colored waste using surface modified nano zero-valent iron | Elham Nariyan & Mokhtar Arami | October 2012 |
| 22 | the removal of an acidic dye by PA/chitosan membrane from textile wastewater | Negar Takhtkouseh & Mokhtar Arami | February 2012 |
| 23 | Electrospinning Chitosan Derivatives and Characterization Antibacterial of Produced Nano Fibre | Tahmine Beheshti & Mokhtar Arami | November 2011 |
| 24 | Electrospinning of Acrylic Copolymers and effect of Production parameters on the porosity of the produced nanofibers | Nadia Rahimi Tanha & Mokhtar Arami | November 2011 |

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| 25 | dye removal from colored textile waste water using inorganic adsorbent in single and binary systems | Maryam Yazdani & Mokhtar Arami | October 2011 |
| 26 | dye degradation from colored textile wastewater using photocatalysis by heterogeneous-homogenous combined photocatalysts | Shoka Khorram Far & Mokhtar Arami | October 2011 |
| 27 | Study on important anions removal by electrocoagulation process | Mohsen Behbahani & Mokhtar Arami | February 2011 |
| 28 | Removal of organics Pollutants and Dyes From Textile Wastewaters by Dendrimer | Bagher Hayati & Mokhtar Arami | February 2011 |
| 29 | Decolorization of Textile Wastewater Cintaining Metal Complex Dyes Using Electro Coagulation | Elmira Pajootan & Mokhtar Arami | September 2010 |
| 30 | Investigation of the Removal of Heavy Metals from Water and Wastewater Using Electrocoagulation Process (by Emphasis on Cr6+) | Masuod Asadi Habbib & Mokhtar Arami | February 2010 |
| 31 | Removal of an acidic dye from textile wastewater by using fenton and Photofentone processes | Mahdi Aghakasiri & Mokhtar Arami | January 2010 |
| 32 | Production and Application of Chitosan- Nanosilver Nanofibers in Tissue Engineering | Hosnieh Baheri & Mokhtar Arami | December 2009 |
| 33 | Biological Degradation of Azo dyes Wastewater | Farnaz Mohseni & Mokhtar Arami | July 2009 |
| 34 | Treatment of protein fibers with natural Chitosan using organic anhydrides | Marzieh Ranjbar Mohamadi & Mokhtar Arami | July 2009 |
| 35 | Degumming & dyeing of silk fibres with ultrasonic waves & study on its waste water | Fateme Dehghan Niri & Mokhtar Arami | July 2009 |
| 36 | Prepration of polysulfone-based nanofiltration membrance and its application for treatment of textile dye effluent | Masoud Amini & Mokhtar Arami | October 2008 |
| 37 | Synthesis of a novel naphtalimide dye and evaluation of its properties on the PET fibre and blend of PET/WOOL | Moosa Sadeghi Kiakhani & Mokhtar Arami | October 2008 |
| 38 | optimization of wet processes textile industry;a case study | Narges Akhlaghi & Mokhtar Arami | October 2008 |
| 39 | SYNTHESIZE AND CHARACTERIZATION OF ANTI MICROBIAL CATHIONIC DYES BASED ON NAPHTHALIMIDE | Saeedeh Golkar & Mokhtar Arami | April 2008 |
| 40 | WEIGHTING OF PERSIAN SILK BY NATURAL POLYMERS | Saideh Davar Panah & Mokhtar Arami | October 2007 |
| 41 | SYNTHESIS THE HYDROLISABLE OF AZO DISPERSE DYESTUFF ON SULFONYL FLORID AND INVESTIGATION OF DYEING PROPERTIES ON POLYESTER FABRIC | Hamid Yousefpour Navid & Mokhtar Arami | October 2007 |

Books

| # | Title | Author(s) | Publisher country | publication date | version |
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Portal Records

Journal Papers

Portal Records

- 1 Nima Esmaeilian, Bahram Dabir, Reza Mohammad Ali Malek, Mokhtar Arami, Firooz Mehr Mazaheri, "-", JOURNAL OF MOLECULAR LIQUIDS, September 2020 Vol. 318, Num. 1, Page 1-7, September 2020,
- 2 Nima Esmaeilian, Reza Mohammad Ali Malek, Mokhtar Arami, , Bahram Dabir, "-", COLLOIDS AND SURFACES A-PHYSICO-CHEMICAL AND ENGINEERING ASPECTS, May 2018 Vol. 552, Num. 0, Page 103-109, May 2018,
- 3 Navid Noormohammadi Ghasemabad, Elmira Pajootan, S.Hajir Bahrami, Mokhtar Arami, "Magnetization of TiO₂ nanofibrous spheres by one-step ultrasonic-assisted electrochemical technique", JOURNAL OF MOLECULAR LIQUIDS, April 2018 Vol. 265, Num. 0, Page 251-259, April 2018,
- 4 Javad Ahmadishoar, S.Hajir Bahrami, Brahman Movasagh, Seyed Hossein Amirshahi, Mokhtar Arami, "Effect of Spacer and Alkyl Chain Groups of the Synthesized Cationic Gemini Surfactants on the Surface Modification of Nano Na-Montmorillonite and its Dye Adsorption from Textile Waste Water", Indian Journal of Science and Technology, December 2017 Vol. -, Num. 9, Page 1-10, December 2017,
- 5 Abdollah Gholami Akerdi, S.Hajir Bahrami, Mokhtar Arami, Elmira Pajootan, "Photocatalytic Dye Removal Using GO-TiO₂ Modified Electrode and Optimization by RSM", , November 2017 Vol. 11, Num. 0, Page 187-202, November 2017,
- 6 Elham Radaei, Mohammad Reza Alavi Moghaddam, Mokhtar Arami, "Application of Artificial Neural Network on modeling of Reactive Blue 19 removal by modified pomegranate residual", ENVIRONMENTAL ENGINEERING AND MANAGEMENT JOURNAL, September 2017 Vol. 16, Num. 9, Page 2113-2122, September 2017,
- 7 Abdollah Gholami Akerdi, Zahra Eshagh Zadeh, S.Hajir Bahrami, Mokhtar Arami, "Comparative study of GO and reduced GO coated graphite electrodes for decolorization of acidic and basic dyes from aqueous solutions through heterogeneous electro-Fenton process", Journal of Environmental Chemical Engineering, April 2017 Vol. -, Num. 5, Page 2313-2324, April 2017,
- 8 Anahita Ghasempour, Elmira Pajootan, S.Hajir Bahrami, Mokhtar Arami, "Introduction of amine terminated dendritic structure to graphene oxide using Poly(propylene Imine) dendrimer to evaluate its organic contaminant removal", JOURNAL OF THE TAIWAN INSTITUTE OF CHEMICAL ENGINEERS, January 2017 Vol. 71, Num. 0, Page 285-297, January 2017,
- 9 Sepideh Sadeghi, Mohammad Reza Alavi Moghaddam, Mokhtar Arami, "TECHNO-ECONOMICAL EVALUATION OF HEXAVALENT CHROMIUM REMOVAL BY ELECTROCOAGULATION PROCESS WITH THE AID OF POLYALUMINUM CHLORIDE AS COAGULANT: OPTIMIZATION THROUGH RESPONSE SURFACE METHODOLOGY", ENVIRONMENTAL ENGINEERING AND MANAGEMENT JOURNAL, January 2017 Vol. 16, Num. 1, Page 93-104, January 2017,
- 10 Zahra Eshagh Zadeh, Elmira Pajootan, S.Hajir Bahrami, Mokhtar Arami, "Facile synthesis of Fe₃O₄ nanoparticles via aqueous based electro chemical route for heterogeneous electro-Fenton removal of azo dyes", JOURNAL OF THE TAIWAN INSTITUTE OF CHEMICAL ENGINEERS, November 2016 Vol. 71, Num. 0, Page 91-105, November 2016,
- 11 Reza Cheraghi, S.Hajir Bahrami, Mokhtar Arami, Mojtaba Enayati, "Effect of comonomer on the viscoelastic behavior of co-poly (acrylonitrile) solutions", JOURNAL OF POLYMER RESEARCH, September 2016 Vol. 23, Num. 10, Page 1-13, September 2016,
- 12 Fatemeh Lessan, Mohammad Karimi, Mokhtar Arami, "Tailoring the hierarchical porous structure within polyethersulfone/cellulose nanosheets mixed matrix membrane to achieve efficient dye/salt mixture fractionation", JOURNAL OF POLYMER RESEARCH, August 2016 Vol. 23, Num. 117, Page 1-10, August 2016,
- 13 Abdollah Gholami Akerdi, S.Hajir Bahrami, Mokhtar Arami, Elmira Pajootan, "Photocatalytic discoloration of Acid Red 14 aqueous solution using titania nanoparticles immobilized on graphene oxide fabricated plate", CHEMOSPHERE, June 2016 Vol. 159, Num. 0, Page 293-299, June 2016,

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- 15 Mahdi Rahimdokht, Elmira Pajootan, Mokhtar Arami, "Application of melon seed shell as a natural low-cost adsorbent for the removal of Methylene Blue from dye-bearing wastewaters: optimization, isotherm, kinetic, and thermodynamic", DESALINATION AND WATER TREATMENT, June 2016 Vol. 57, Num. 38, Page 18049-18061, June 2016,
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- 19 Ahmad Hivechi, S.Hajir Bahrami, Mokhtar Arami, Afzal Karimi, "Ultrasonic mediated production of carboxymethyl cellulose: Optimization of conditions using response surface methodology", CARBOHYDRATE POLYMERS, August 2015 Vol. 134, Num. 0, Page 278-284, August 2015,
- 20 Mozhddeh Ghani, Babak Rezaei, Aliakbar Ghare Aghaji, Mokhtar Arami, "Novel Cross-linked Superfine Alginate-Based Nanofibers: Fabrication, Characterization, and Their Use in the Adsorption of Cationic and Anionic Dyes", ADVANCES IN POLYMER TECHNOLOGY, August 2015 Vol. 0, Num. 0, Page 1-11, August 2015,
- 21 Hamed Najafi, Elmira Pajootan, Alireza Ebrahimi, Mokhtar Arami, "The potential application of tomato seeds as low-cost industrial waste in the adsorption of organic dye molecules from colored effluents", DESALINATION AND WATER TREATMENT, August 2015 Vol. 57, Num. 32, Page 15026-15036, August 2015,
- 22 Ahmad Hivechi, Mokhtar Arami, S.Hajir Bahrami, Afzal Karimi, "Investigating and comparison between three extraction methods of alpha cellulose from wastes of Turkman Sahra cotton", , May 2015 Vol. 12, Num. 0, Page 861-871, May 2015,
- 23 Mahsa Taheri, Mohammad Reza Alavi Moghaddam, Mokhtar Arami, "Improvement of the /Taguchi/ Design Optimization Using Artificial Intelligence in Three Acid Azo Dyes Removal by Electrocoagulation", ENVIRONMENTAL PROGRESS & SUSTAINABLE ENERGY, May 2015 Vol. 0, Num. 0, Page 0-0, May 2015,
- 24 Bagher Hayati, Mokhtar Arami, Afshin Maleki, Elmira Pajootan, "Application of dendrimer/titania nanohybrid for the removal of phenol from contaminated wastewater", DESALINATION AND WATER TREATMENT, February 2015 Vol. 57, Num. 15, Page 6809-6819, February 2015,
- 25 Ehsun Ekrami, Fatemeh Dadashian, Mokhtar Arami, "Adsorption of methylene blue by waste cotton activated carbon: equilibrium, kinetics, and thermodynamic studies", DESALINATION AND WATER TREATMENT, January 2015 Vol. 53, Num. 11, Page 1-11, January 2015,
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- 34 Elham Radaei, Mohammad Reza Alavi Moghaddam, Mokhtar Arami, "Optimization of Reactive Blue 19 adsorption from aqueous solution by pomegranate residual-based activated carbon using Taguchi method", , June 2014 Vol. 14, Num. 1, Page 159-167, June 2014,
- 35 Maryam Yazdani, S.Hajir Bahrami, Mokhtar Arami, "Feldspar/Titanium Dioxide//Chitosan as a Bio-Photocatalyst Hybrid for the Removal of Organic Dyes from Aquatic Phases", *JOURNAL OF APPLIED POLYMER SCIENCE*, May 2014 Vol. 131, Num. 10, Page 0-0, May 2014,
- 36 Mohammad Dodangeh, Kamaladin Gharanjig, Mokhtar Arami, "Synthesis, Characterization, and Photo-Physical Properties of Dendrimers Modified With 1,8-Naphthalimide Derivatives as Novel Fluorescent pH Sensors", *IEEE SENSORS JOURNAL*, April 2014 Vol. 14, Num. 8, Page 2889-2896, April 2014,
- 37 Atiye Zargarkazemi, Moosa Sadeghi Kiakhani, Mokhtar Arami, S.Hajir Bahrami, "Modification of wool fabric using prepared chitosan-cyanuric chloride hybrid", *JOURNAL OF THE TEXTILE INSTITUTE*, April 2014 Vol. -, Num. 0, Page 1-10, April 2014,
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- 40 Elham Radaei, Mohammad Reza Alavi Moghaddam, Mokhtar Arami, "Removal of reactive blue 19 from aqueous solution by pomegranate residual-based activated carbon: optimization by response surface methodology", *IRANIAN JOURNAL OF ENVIRONMENTAL HEALTH SCIENCE & ENGINEERING*, March 2014 Vol. 12, Num. 65, Page 0-0, March 2014,
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