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## *Educational Background*

[1] "Ph.D. in Color Engineering, Polymer Engineering Department, Amirkabir University of Technology, Tehran, Iran, 2005"

[2] "MSc. in Chemistry and Color Technology, Colour Chemistry Department, Leeds University, Leeds, England, 1978"

[3] "BSc. in Pure Chemistry, Pars College, Tehran, Iran, 1973"

## *Publications*

### *Journal Papers*

1. Noshirvani Sharifabad, Azita, Alireza Khosravi, and Farzad Kobarfard. "Synthesis and Mechanistic Study of Naphthalimide Derivative Formation via Cu-Mediated Ullmann-Type Reactions." *Inorganic Chemistry* (2024).
2. Sharifabad, Azita Noshirvani, et al. "Naphthalimides as anti-cancer agents: systematic synthesis and biological activity along with their encapsulated G0. 5 PAMAM dendrimer nanoparticles." *New Journal of Chemistry* 48.32 (2024): 14191-14201.
3. Foroughirad, Sahar, Vahid Haddadi-Asl, Alireza Khosravi, and Mehdi Salami-Kalajahi. "Synthesis of magnetic nanoparticles-decorated halloysite nanotubes/poly ([2-(acryloyloxy) ethyl] trimethylammonium chloride) hybrid nanoparticles for removal of Sunset Yellow from water." *Journal of Polymer Research* 27, no. 10 (2020): 1-10.

4. Foroughirad, Sahar, Vahid Haddadi-Asl, Alireza Khosravi, and Mehdi Salami-Kalajahi. "Magnetic halloysite-based molecularly imprinted polymer for specific recognition of sunset yellow in dyes mixture." *Polymers for Advanced Technologies* 32, no. 2 (2021): 803-814.
5. Zarandi, Ali Amiri, Alireza Khosravi, Mehdi Dehghani, and Nima Taghavinia. "All-spray multilayer transparent electrode based on Ag nanowires: improved adhesion and thermal/chemical stability." *Journal of Materials Science: Materials in Electronics* 31, no. 17 (2020): 14078-14087.
6. Foroughirad, Sahar, Vahid Haddadi-Asl, Alireza Khosravi, and Mehdi Salami-Kalajahi. "Effect of porogenic solvent in synthesis of mesoporous and microporous molecularly imprinted polymer based on magnetic halloysite nanotubes." *Materials Today Communications* (2020): 101780.
7. Foroughirad, Sahar, Vahid Haddadi-Asl, Alireza Khosravi, and Mehdi Salami-Kalajahi. "Synthesis of magnetic nanoparticles-decorated halloysite nanotubes/poly ([2-(acryloyloxy) ethyl] trimethylammonium chloride) hybrid nanoparticles for removal of Sunset Yellow from water." *Journal of Polymer Research* 27, no. 10 (2020): 1-10.
8. Amiri Zarandi, Ali, Alireza Khosravi, Mehdi Dehghani, Fariba Tajabadi, and Nima Taghavinia. "The role of mixed reaction promoters in polyol synthesis of high aspect ratio Ag nanowires for transparent conducting electrodes." *Journal of Electronic Materials* 49 (2020): 4822-4829.
9. Khosravi, Alireza, Mohammad Karimi, Hadiyeh Ebrahimi, and Narges Fallah. "Sequencing batch reactor/nanofiltration hybrid method for water recovery from textile wastewater contained phthalocyanine dye and anionic surfactant." *Journal of Environmental Chemical Engineering* 8, no. 2 (2020): 103701.
10. Zamani, Ehsan, Hossein Yahyaei, Alireza Khosravi, Mohsen Mohseni, and Hanieh Shaki. "Synthesis and Characterization of a Novel Self-colored Fluorescent Polycarbonate Urethane based on the 1, 8-Naphthalimide Group." *Journal of Macromolecular Science, Part B* 58, no. 9 (2019): 772-781.
11. Abdolrasoul Hejri, Alireza Khosravi, KamaladinGharanjig, Mohammadreza Malekzade Davarani, "Effect of edible antioxidants on chemical stability of  $\beta$ -carotene loaded nanostructured lipid carriers", *LWT*. 2019 Oct 1;113:108272

12. Milad Pileh Kouhi, Hanieh Shaki, Alireza Khosravi, Manouchehr Khorasani, Ehsan Zamani, "synthesis and characterization of a fluorescent water-born polyurethane based on a novel naphthalimid dye," *Journal Of Macromolecular Science Part B-physics*, Vol. 0, No. 0, PP. 0 - 0, 04 April 2018.

---

13. Ali Mahmoodigahrouei, Morteza Ebrahimi, Alireza Khosravi, Hossein Aivaz Mohammadloo, "A hybrid dye-clay nano-pigment: Synthesis, characterization and application in organic coatings," *Dyes And Pigments*, Vol. 147, No. 0, PP. 234 - 240, 12 August 2017.

---

14. Ehsan Zamani, Hanieh Shaki, Mehdi Rafizadeh, Alireza Khosravi, Milad Pileh Kouhi, "Synthesis and characterization of novel self-colored PET (polyethylene terephthalate) by step-growth polymerization containing dye based on 1,8-naphthalimide group," *Fibers And Polymers*, Vol. 18, No. 8, PP. 1431 - 1437, 01 August 2017.

---

15. M.rostami, Alireza Khosravi, Mohammad Reza Mohammadzadehatar, "Synthesis and surface treatment modification of pigment Red 3 by Sulfonation method foe improving properties in waternorne ink," *Progress In Color, Colorants And Coatings*, Vol. 10, No. 10, PP. 51 - 65, 02 January 2017.

---

16. Shaki, Hanieh, Alireza Khosravi, and Kamaladin Gharanjig. "Novel self-coloured polymers based on new fluorescent naphthalimide derivatives: synthesis, characterisation and photophysical properties." *Pigment & Resin Technology* (2017).

---

17. Hanieh Shaki, Alireza Khosravi, Kamaledin Gharanjig, Arash Mahboubi, "Investigation of synthesis, characterization, photophysical and biological properties of novel antimicrobial fluorescent naphthalimide derivatives," *Materials Technology :advanced Performance Materials*, Vol. 31, No. 6, PP. 322 - 331, 10 March 2016.

---

18. Hanieh Shaki, K. Gharanjig, Alireza Khosravi, "Spectral, dyeing and antimicrobial properties of some monoazo naphthalimide dyes on polyamide," *Indian Journal Of Fibre & Textile Research*, Vol. 40, No. 4, PP. 425 - 430, 01 December 2015.

---

19. Hanieh Shaki, Kamaladin Gharanjig, Alireza Khosravi, "Synthesis and Investigation of Antimicrobial Activity and Spectrophotometric and Dyeing Properties of Some Novel Azo Disperse Dyes Based on Naphthalimides," *Biotechnology Progress*, Vol. 31, No. 4, PP. 1086 - 1095, 04 June 2015.

---

20. Khashayar Mohajer, Niaz Mohammad Mahmoodi, Alireza Khosravi, "Immobilization of laccase enzyme onto titania nano particle and decolorization of dyes from single and binary systems," *Biotechnology And Bioprocess Engineering*, Vol. 20, No. 1, PP. 109 - 116, 15 March 2015.
- 
21. Mozghan Hossein Nezhad, Alireza Khosravi, Kamaladin Gharanjig, Siamak Moradian, "The comparison of spectra and dyeing properties of new azonaphthalimide with analogues azobenzene dyes on natural and synthetic polymers," *Arabian Journal Of Chemistry*, Vol. 1, No. 2, PP. 1 - 10, 03 February 2015.
- 
22. Naghmeh Arabzadeh, Alireza Khosravi, Ali Mohammadi, Niyaz Mohammad Mahmoodi, "Enhanced photodegradation of hazardous tartrazine by composite of nanomolecularly imprinted polymer nanophotocatalyst with high efficiency," *Desalination And Water Treatment*, Vol. 1, No. 10, PP. 1 - 10, 18 December 2014.
- 
23. Khashayar Mohajer, Alireza Khosravi, Niyaz Mohammad Mahmoodi, "Decolorization of Dyes Using Immobilized Laccase Enzyme on Zinc Ferrite Nanoparticle from Single and Binary Systems," *Fibers And Polymers*, Vol. 15, No. 10, PP. 2139 - 2145, 01 November 2014.
- 
24. Naghmeh Arabzadeh, Alireza Khosravi, Niyaz Mohammad Mahmoodi, Ali Mohammadi, Manouchehr Khorasani, "Synthesis, characterization, and application of nano-molecularly imprinted polymer for fast solid-phase extraction of tartrazine from water environment," *Desalination And Water Treatment*, Vol. 52, No. 2, PP. 1 - 9, 21 March 2014.
- 
25. Abdolrasoul Hejri, Alireza Khosravi, Kamaladin Gharanjig, Mohammadamin Hejazi, "Optimisation of the formulation of B-carotene loaded nanostructured lipid carriers prepared by solvent diffusion method," *Food Chemistry*, Vol. 141, No. 1, PP. 117 - 123, 01 November 2013.
- 
26. Farbod Mirshahi, Alireza Khosravi, Kamaladin Gharanjig, Javad Fakhari, "Antimicrobial properties of treated cotton fabrics with non-toxic biopolymers and their dyeing with safflower and walnut hulls," *Iranian Polymer Journal*, Vol. 1-9, No. 1, PP. 1 - 9, 31 August 2013.
- 
27. Seyamack Jafari, Alireza Khosravi, Kamaladin Gharanjig, Siamak Moradian, Saeed Pourmahdian, "A novel utilisation of principal component analysis to optimise sorption isotherms and determine diffusion coefficients of five naphthalimide disperse dyes on polyester fibres," *Canadian Journal Of Chemical Engineering*, Vol. 3, No. 92, PP. 553 - 562, 04 June 2013.
-

28. Khashayar Mohajer, Alireza Khosravi, Niazmohammad Mahmoudi, "Decolorization of dyes using laccase enzyme from single and binary systems," *Desalination And Water Treatment*, Vol. 51, No. 1, PP. 1 - 8, 14 May 2013.

---

29. Behrooz Ghorbanzadeh, Kamaladin Gharanjig, Shohreh Rouhani, Alireza Khosravi, "Synthesis and Dyeing Properties of an Acid Blue Dye Derived from Naphthalimide on Polyamide Fibers," , Vol. 6, No. 4, PP. 369 - 376, 10 March 2013.

---

30. Abdolrasoul Hejri, Kamaladin Gharanjig, Alireza Khosravi, Mohammadamin Hejazi, "EFFECT OF SURFACTANTS ON KINETICS OF  $\beta$ -CAROTENE PHOTODEGRADATION IN EMULSIONS," *Chemical Engineering Communications*, Vol. 200, No. 3, PP. 437 - 447, 17 February 2013.

---

31. Kamaladin Gharanjig, Alireza Khosravi, Volga Niknam, Anahita Ahmadi, Mozghan Hossein Nezhad, "Investigation of dissolution and dyeing properties of a disperse dye in the presence of Tween environmentally friendly dispersing agents," , Vol. 6, No. 3, PP. 253 - 256, 09 January 2013.

---

32. Alireza Khosravi, Seyamack Jafari, Kamaladin Gharanjig, Siamak Moradian, Saeed Pourmahdian, "Effect of Turbulency and Phase properties on dye Diffusion of five Naphthalimide disperse dyes into polyester fibers," *Archives Des Sciences*, Vol. 65, No. 11, PP. 271 - 280, 14 November 2012.

---

33. Bahareh Safabakhsh, Alireza Khosravi, Kamaladin Gharanjig, Elahe Kowsarie, Manouchehr Khorasani, Sina Tafaghodi, "Synthesis of a novel fluorescent coloured copolymer based on 4-butylthio-1,8-naphthalimide," *Coloration Technology*, Vol. 128, 218-222, No. 3, PP. 218 - 222, 04 June 2012.

---

34. Hanieh Shaki, Kamaladin Gharanjig, Shohreh Rouhani, Alireza Khosravi, Javad Fakhar, "synthesis and application of some novel antimicrobial monoazonaphthalimide dyes: synthesis and characterisation," *Coloration Technology*, Vol. 128, No. 4, PP. 270 - 275, 19 April 2012.

---

35. Zohreh Mesgari, Mehrnaz Gharagozlo, Alireza Khosravi, Kamaladin Gharanjig, "Spectrophotometric studies of visible light induced photocatalytic degradation of methyl orange using phthalocyanine-modified Fe-doped TiO<sub>2</sub> nanocrystals," *Spectrochimica Acta Part A-molecular And Biomolecular Spectroscopy*, Vol. 92, No. 15, PP. 148 - 153, 25 February 2012.

---

36. Zohreh Mesgari, Mehrnaz Gharegozlo, Alireza Khosravi, Kamaladin Gharanjig, "Synthesis, Characterization and evaluation of efficiency of new hybrid Pc/Fe-TiO<sub>2</sub> nanocomposite as photocatalyst for decolorization of

methyl organe using visible light irradiation," Applied Catalysis A-general, Vol. 411, No. 412, PP. 139 - 145, 16 January 2012.

---

37. Alireza Khosravi, Kamaledin Gharanjig, Siamak Moradian, Mozghan Hosseinezhad, "A kinetic study on the Dissolution of two naphthalimide based synthesized disperse dyestuffs in the presence of dispersing agent," Progress In Color, Colorants And Coatings, Vol. 2, No. 4, PP. 107 - 112, 18 December 2011.

---

38. Zohreh Mesgari, Mehrnaz Gharagozlou, Alireza Khosravi, Kamaladin Gharanjig, "Synthesis and Characterization of Novel Hybrid Nanocomposite Containing Modified Titanium Dioxide Nanoparticles and Tetraisoindole Organic Pigment  
-Synthesis and Characterization of Novel Hybrid Nanocomposite Containing Modified Titanium Dioxide Nanoparticles and Tetraisoindole Organic Pigment," , Vol. 5, No. 3, PP. 227 - 233, 11 December 2011.

---

39. Moosa Sadeghikiakhani, Kamaledin Gharanjig, Mokhtar Arami, Alireza Khosravi, "Dyeing and Fastness Properties of Polyamide Fabrics using some Acid-Based Monoazo Disperse Dyes," Journal Of Applied Polymer Science, Vol. 122, No. 4, PP. 3390 - 3395, 06 December 2011.

---

40. Kamaledin Gharanjig, Farhad Ameri, Farahnaz Sadr Dadras, Alireza Khosravi, "Novel naphthalimide based azo disperse for dyeing of polyester fabrics," Progress In Color, Colorants And Coatings, Vol. 4, No. 3, PP. 27 - 37, 04 November 2011.

---

41. Bahram Ramazanzade, Siamak Moradian, Narges Tahmasebi, Alireza Khosravi, "Studying the role of polysiloxane additives and nano-SiO<sub>2</sub> on the mechanical properties of a typical acrylic/melamine clearcoat," Progress In Organic Coatings, Vol. 72, No. 4, PP. 621 - 631, 28 July 2011.

---

42. Bahram Ramazanzade, Siamak Moradian, Alireza Khosravi, Narges Tahmasebi, "A new approach to investigate scratch morphology and appearance of an automotive coating containing nano-SiO<sub>2</sub> and polysiloxane additives," Progress In Organic Coatings, Vol. 3, No. 72, PP. 541 - 552, 20 July 2011.

---

43. Hamed Momenzadeh Jahromi, Alireza Khosravi, Alireza Tehranibagha, Kamaladin Gharanjig, "Investigation of the effective parameters on reactive dye removal from aqueous solution using chitosan nanoparticles emulsion," , Vol. 5, No. 1, PP. 1 - 10, 15 June 2011.

---

44. Yasaman Aghili, Seyed Mohsen Mohseni, Siamak Moradian, Alireza Khosravi, "A Study of Dynamic Mechanical Thermo-Analysis of a Silicone-Based Hybrid Nanocomposite Prepared via the Sol-Gel Route for Nonlinear Optics Applications," , Vol. 10, No. 54, PP. 22 - 28, 30 April 2011.

- 
45. Mozghan Hosseinneshad, Alireza Khosravi, Kamaledin Gharanjig, Siamak Moradian, "The synthesis, application and investigation properties of two new acid dyes based on naphthalimide," , Vol. 4, No. 4, PP. 233 - 243, 05 March 2011.
- 
46. Kamaladin Gharanjig, Moosa Sadeghikiakhani, Alireza Tehrani Bagha, Alireza Khosravi, F.m. Menger, "Solubility of two disperse dyes derived from N-Alkyl and N-carboxylic acid naphthalimides in the presence of gemini cation surfactant," Journal Of Surfactants And Detergents, Vol. 14, No. 3, PP. 381 - 389, 07 February 2011.
- 
47. Hamed Momenzadeh Jahromi, Alireza Tehrani Bagha, Alireza Khosravi, Kamaledin Gharanjig, K. Holmberg, "Reactive dye removal from waste water using a chitosan nanodispersion," Desalination, Vol. 271, No. 62, PP. 225 - 230, 14 January 2011.
- 
48. Abdolrasoul Hejri, Alireza Khosravi, Kamaledin Gharanjig, M. Hejazi, "Preparation of microencapsulated B-catrone power for using in aqueous media," , Vol. 4, No. 3, PP. 161 - 167, 11 December 2010.
- 
49. Haniye Shaki, Kamaledine Gharanjig, Shohre Rohani, Alireza Khosravi, "Synthesis and photophysical properties of some novel fluorescent dyes based on naphthalimide derivatives," Journal Of Photochemistry And Photobiology A-chemistry, Vol. 216, No. 32, PP. 44 - 50, 04 October 2010.
- 
50. Hamidreza Soltani Panah, Alireza Khosravi, Amaledin Gharanjig, Manouchehr Khorasani, Marziyeh Khatibzadeh, Faramarz Afshar Taromi, "Synthesis and Characteriation of New Fluorescent Polymerizable Dyes Based on Naphthalimide," Iranian Polymer Journal, Vol. 19, No. 7, PP. 491 - 501, 18 May 2010.
- 
51. , Siamak Moradian, Alireza Khosravi, "Effect of polysiloxane additives on the scratch resistance of an acrylic melamine automotive clearcoat," Journal Of Coatings Technology And Research, Vol. 0, No. 0, PP. 0 - 0, 11 March 2010.
- 
52. Kamaladin Gharanjig, Farhad Ameri, Farahnaz Sadrdadres, Alireza Khosravi, "Synthesis and application of 3-(6-((4-ethyl-2-hydroxyethyl) amino) phenyl) diaziny)-1, 3-dioxo-1H-benzo [de] isoquinolin-2-(3H) yl) propanoic acid as a disperse dye," , Vol. 3, No. 4, PP. 257 - 266, 11 March 2010.
-

53. Narges Tahmasebi, Siamak Moradian, Bahram Ramazanzade, Alireza Khosravi, Sadegh Behdad, "Effect of addition of hydrophobic nano silica on viscoelastic properties and scratch resistance of an acrylic/melamine automotive clearcoat," *Tribology International*, Vol. 0, No. 43, PP. 0 - 0, 01 March 2010.
- 
54. Kamaladin Gharanjig, Moosa Sadeghikiakhani, Mokhtar Arami, Niyaz Mohammad Mahmoodi, Alireza Khosravi, "Solubilisation kinetics of some monoazo naphthalimide disperse dyes containing butyric acid and investigation of fastness properties of the dyes on polyester," *Coloration Technology*, Vol. 126, No. 0, PP. 0 - 0, 01 February 2010.
- 
55. Alireza Khosravi, "Solubilisation kinetics of some monoazo naphthalimide disperse dyes containing butyric acid and investigation of fastness properties of the dyes on polyester," *Coloration Technology*, Vol. 126, No. 0, PP. 0 - 0, 07 December 2009.
- 
56. Alireza Khosravi, Siamak Moradian, "Synthesis of some monoazo acid dyes based on naphthalimides," *Asian Journal Of Chemistry*, Vol. 0, No. 21, PP. 0 - 0, 02 June 2009.
- 
57. Paria Parvizi, Alireza Khosravi, Siamak Moradian, Kamaladin Gharanjig, "synthesis and application of some alkali-clearable Azo disperse dyes based on naphthalimide derivatives," , Vol. 0, No. 56, PP. 0 - 0, 01 January 2009.
- 
58. Kamaladin Gharanjig, Mokhtar Arami, Alireza Khosravi, Niyaz Mohammad Mahmoodi, Javad Mokhtari, ",", Vol. 0, No. 1, PP. 0 - 0, 20 February 2008.
- 
59. Alireza Khosravi, Siamak Moradian, Kamaladin Gharanjig, Faramarz Afshar Taromi, "Synthesis and Spectroscopic Studies of Some Naphthalimide Based Disperse Azo Dyestuffs for the Dyeing of Polyester Fibres," , Vol. , No. 69, PP. 0 - 0, 01 February 2006.
- 
60. Alireza Khosravi, Siamak Moradian, Kamaladin Gharanjig, Faramarz Afshar Taromi, "Synthesis and Characterization of Some Monoazo Disperse Dyestuffs Based on Naphthalimide Derivatives for Dyeing Polyester Fabrics," , Vol. , No. 52, PP. 0 - 0, 01 August 2005.
- 
61. Alireza Khosravi, Siamak Moradian, Kamaladin Gharanjig, Faramarz Afshar Taromi, "Investigation of Synthesis and Dyeing Properties of Some Azonaphthalimide Disperse Dyestuffs for the Dyeing of Polyester Fibres," , Vol. , No. 14, PP. 0 - 0, 01 July 2005.

---

62. Mehran Rostami Daronkola, Mohammad Reza Mohammadzadehattar, Alireza Khosravi, Siamak Moradian, Saeid Bastani, ", " , Vol. 0, No. 0, PP. 0 - 0, 22 May 2005.

---

63. Alireza Khosravi, Kamaladin Gharanjig, " پیگمنت های آزو", " , Vol. , No. 3, PP. 0 - 0, 21 March 1994.

---

64. Siamak Moradian, Alireza Khosravi, Kamaladin Gharanjig, " پلیمرهای خودرنگ ", " , Vol. , No. 3, PP. 0 - 0, 23 October 1993.

---

65. Alireza Khosravi, Mojgan Faraji, " تصفیه پساب های صنایع نساجی", " , Vol. , No. 0, PP. 0 - 0, 22 June 1987.

---

66. Alireza Khosravi, , " ایده آل سازی ماشین های رنگرزی نخ بوسیله بهینه سازی بوبینهای نخ ", " , Vol. , No. 54, PP. 0 - 0, 21 March 1987.

---

67. Alireza Khosravi, Mojgan Faraji, " سهم فاضلاب کارخانجات نساجی در آلودگی منابع آب ", " , Vol. , No. 1, PP. 0 - 0, 26 September 1986.

---

68. Alireza Khosravi, Mojgan Faraji, " روش تصفیه پساب کارخانجات نساجی ", " , Vol. 0, No. 4, PP. 0 - 0, 22 September 1986.

---

69. Alireza Khosravi, Mojgan Faraji, " تصفیه پساب کارخانجات نساجی ", " , Vol. , No. , PP. 0 - 0, 21 March 1986.

---

70. G. Halas, Alireza Khosravi, " اثر استخلافهای انتهائی در ۴-آمینوآزوبنزن و رنگهای دیسپرس وابسته به آن", " , Vol. , No. , PP. 0 - 0, 01 August 1979.

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## *Conference Papers*

1. Ehsan Zamani, Alireza Khosravi, Mehdi Rafizadeh, "Characterization and Investigation of synthesized Self-Colored PET (polyethylene terephthalate) based on Naphthalimide dye," "macro 2016 "46th IUPAC World Polymer Congress, Turkey, 17 July 2016 - 21 July 2016.

- 
2. Ehsan Zamani, Alireza Khosravi, Mehdi Rafizadeh, "Controlling the process of synthesizing Self-Colored PET (polyethylene terephthalate) in the reactor," Macro 2016 "46th IUPAC World Polymer Congress", Turkey, 17 July 2016 - 21 July 2016.
- 
3. Milad Pileh Kouhi, Alireza Khosravi, Manouchehr Khorasani, "fluorescent and thermal properties of self colored waterborne poly urethane based on naphthalimide dye ," 6th International Color And Coating Congress, ICCC 2015, Iran (Islamic Republic of), 10 November 2015 - 12 November 2015.
- 
4. Milad Pileh Kouhi, Alireza Khosravi, Manouchehr Khorasani, "A review on self- colored waterborn polyurethanes ," 6th International Color And Coating Congress, ICCC 2015, Iran (Islamic Republic of), 10 November 2015 - 12 November 2015.
- 
5. Alireza Khosravi, Milad Pileh Kouhi, Manouchehr Khorasani, "synthesis and characterization of ionomer based waterborne polyurethane investigating mechanical and thermal parameters ," 6th International Color And Coating Congress, ICCC 2015 , Iran (Islamic Republic of), 10 November 2015 - 12 November 2015.
- 
6. Hamid Gharanjig, Kamaladin Gharanjig, Alireza Khosravi, Manouchehr Khorasani, "synthesis of new polycarboxylate-type super plasticizer and study of its performance in cementitious mixture," 8th International Conference On Research In Engineering, Technology And Science, Turkey, 13 August 2015 - 14 August 2015.
- 
7. Hanieh Shaki, Alireza Khosravi, Kamaladin Gharanjig, Arash Mahboubi, "synthesis and biological properties of novel cationic fluorescent dye," 8th International Conference On Research In Engineering, Technology And Science, Turkey, 13 August 2015 - 14 August 2015.
- 
8. Milad Pileh Kouhi, Alireza Khosravi, Manouchehr Khorasani, "An effectiveness of naphthalimide and anthraquinone based dyes on polyurethane," International Congress On Transportation Coating , Iran (Islamic Republic of), 31 December 2014 - 31 December 2014.
- 
9. Fateme Eslam Panah, Kamaladin Gharanjig, Alireza Khosravi, Manouchehr Khorasani, "Synthesis of a fluorescent dye for preparing of self-colored polymer based on naphthalimide," International Conference On Advances In Applied Science And Environmental Engineering - ASEE 2014, Malaysia, 20 December 2014 - 21 December 2014.
-

10. Hanieh Shaki, Alireza Khosravi, Kamaladin Gharanjig, "Investigation of synthesis two novel fluorescent dyes and their properties," International Conference On Advances In Applied Science And Environmental Engineering - Asee 2014, Malaysia, 20 December 2014 - 21 December 2014.

---

11. Milad Pileh Kouhi, Alireza Khosravi, Manouchehr Khorasani, "An effectiveness of naphthalimide and anthraquinone based dyes on polyurethane," The 4th International Congress On Transportation Coatings , Ictc2014, Iran (Islamic Republic of), 17 December 2014 - 18 December 2014.

---

12. Hamid Gharanjig, Alireza Khosravi, Manouchehr Khorasani, "Synthesis and performance of hydrophobically modified polycarboxylate type superplasticizer," 11th International Seminar Of Polymer Science And Technology, Iran (Islamic Republic of), 06 October 2014 - 09 October 2014.

---

13. Hanieh Shaki, Alireza Khosravi, Kamaladin Gharanjig, "A novel fluorescent polymerisable dye based on naphthalimide derivatives: synthesis and characterization ," 11th International Seminar Of Polymer Science And Technology, Iran (Islamic Republic of), 06 October 2014 - 09 October 2014.

---

14. Milad Pileh Kouhi, Manouchehr Khorasani, Alireza Khosravi, "Behaviors of self-colored polyurethanes," 11th International Seminar Of Polymer Science And Technology, Iran (Islamic Republic of), 06 October 2014 - 09 October 2014.

---

15. Naghmeh Arabzadeh, Alireza Khosravi, Ali Mohammadi, Niazmohammad Mahmoudi, Manouchehr Khorasani, "Photodegradation of tartrazine by composite of nanomoleculary imprinted polymer-nanophotocatalyst," Twentieth Conference On Analytical Chemistry Of Iran, Iran (Islamic Republic of), 25 February 2014 - 27 February 2014.

---

16. Mahdiah Shokri, Alireza Khosravi, Kamaladin Gharanjig, Shohre Rouhani, "Synthesis and spectroscopic studies of a new 1,8-naphthalimide dye as a PH sensor," Fifth International Color And Coating Congress, Iran (Islamic Republic of), 18 December 2013 - 19 December 2013.

---

17. Hanieh Shaki, Alireza Khosravi, Kamaladin Gharanjig, "A novel yellow-green fluorescent dyes based on 1,8-naphthalimide," Fifth International Color And Coating Congress, Iran (Islamic Republic of), 18 December 2013 - 19 December 2013.

---

18. Ghazal Shojaei, Alireza Khosravi, Kamaladin Gharanjig, "Synthesis and characterization of a novel disazo dye," Fifth International Color And Coating Congress, Iran (Islamic Republic of), 18 December 2013 - 19 December 2013.

- 
19. Mozhd Saba, Alireza Khosravi, Kamaladin Gharanjig, "synthesis of a new antibacterial dye based on benzothiazole ," Fifth International Color And Coating Congress, Iran (Islamic Republic of), 18 December 2013 - 19 December 2013.
- 
20. Zahra Pourakbar, Alireza Khosravi, Kamaladin Gharanjig, "Synthesis, characterization and determination of photophysical properties of a new 1,8-naphthalimide dye ," Fifth International Color And Coating Congress, Iran (Islamic Republic of), 18 December 2013 - 19 December 2013.
- 
21. Naghmeh Arabzadeh, Alireza Khosravi, Ali Mohammadi, Niazmohammad Mahmoudi, Manouchehr Khorasani, "synthesis of nano molecularly imprinted polymer and its application for removal of tartrazin from water environment ," 6th National Seminar Of Chemistry And The Environment, Iran (Islamic Republic of), 29 October 2013 - 30 October 2013.
- 
22. Marzieh Hanafi, Marziyeh Khatibzadeh, Alireza Khosravi, Kamaladin Gharanjig, "Preparation and Application of Nano Chitosan as a Finishing Treatment on Wool Fabric and Determination of Antimicrobial and Fastness Properties of it with Weld Dye," The 29th International Conference Of The Polymer Processing Society, Germany, 15 July 2013 - 19 July 2013.
- 
23. Naghmeh Arabzadeh, Zahra Shariatinia, Alireza Khosravi, Ali Mohammadi, "Hydrogen Bonding Interactions Between 1R-2R-pseudoephedrine and acrylamide ," 10th International Seminar Of Polymer Science And Technology (Ispst 2012), Iran (Islamic Republic of), 21 October 2012 - 25 October 2012.
- 
24. Naghmeh Arabzadeh, Zahra Shariatinia, Alireza Khosravi, Ali Mohammadi, "Ab initio Calculations on the H-Bond Interactions Between 1R-2R-pseudoephedrine and acrylamide," 10th International Seminar Of Polymer Science And Technology (Ispst 2012), Iran (Islamic Republic of), 21 October 2012 - 25 October 2012.
- 
25. Marzieh Hanafi, Marziyeh Khatibzadeh, Alireza Khosravi, Kamaladin Gharanjig, Javad Fakhari, S. Amiri, "Antimicrobial Characteristics of Nanochitosan Treated Wool Fabric Dyed with Weld Natural Dy," International Symposium On Medicinal Chemistry, Germany, 31 August 2012 - 05 September 2012.
- 
26. Hanieh Shaki, Kamaladin Gharanjig, Shohre Rouhani, Alireza Khosravi, Javad Fakhari, Shadi Kordbacheh, Azam Nouryaddavaji, "Synthesis, Characterization and Antimicrobial Activity of a Monoazo DyeBased on Quinoline," Textile Bioengineering And Informatics Symposium, Japan, 09 August 2012 - 11 August 2012.
-

27. Hanieh Shaki, Kamaledin Gharanjig, Alireza Khosravi, Shohreh Roohani, "Preparation of some novel fluorescent dyes and investigation of their properties," 4th International Color And Coating Congress, Iran (Islamic Republic of), 22 November 2011 - 24 November 2011.
- 
28. Siyavash Hadadi, Alireza Khosravi, Kamaledin Gharanjig, Elahe Kookhahi, "Structural improvement of pigment red 2 by addition of sulfonic acid group," 4th International Color And Coatings Congress, Iran (Islamic Republic of), 22 November 2011 - 24 November 2011.
- 
29. Hanieh Shaki, Alireza Khosravi, Kamaledin Gharanjig, Shohreh Roohani, Javad Fakhari, "The synthesis and investigation of antimicrobial and dyeing properties of a novel monoazo dye," 4th International Color And Coating Congress, Iran (Islamic Republic of), 22 November 2011 - 24 November 2011.
- 
30. Farbod Mirshahi, Alireza Khosravi, Kamaledin Gharanjig, Javad Fakhari, Amiri, "Environmental friendly dyeing of cotton with natural dyes," 4th International Color And Coating Congress, Iran (Islamic Republic of), 22 November 2011 - 24 November 2011.
- 
31. Seyed Majid Farvid, Alireza Khosravi, Kamaledin Gharanjig, "The synthesis and properties of triazine-stilbene reactive dye containing the 1,8-naphthalimide," 4th International Color And Coating Congress, Iran (Islamic Republic of), 22 November 2011 - 24 November 2011.
- 
32. Farbod Mirshahi, Alireza Khosravi, Kamaladin Gharanjig, Javad Fakhari, Soleiman Amiri, "Taguchi technique to optimize effective parameters of chitosan treatment on cotton fabric to maximize antimicrobial properties," Polymer Processing Society 2011, Iran (Islamic Republic of), 14 November 2011 - 17 November 2011.
- 
33. Alireza Khosravi, Kamaledin Gharanjig, Elahe Kowsarie, Manouchehr Khorasani, "Synthesis of novel fluorescent self-colored copolymer based on of Butyl-thio naphthalimide," Polymer Processing Society 2011, Iran (Islamic Republic of), 14 November 2011 - 17 November 2011.
- 
34. Marzieh Hanafi, Marziyeh Khatibzadeh, Alireza Khosravi, Kamaladin Gharanjig, "Dyeing and Antimicrobial Properties of Nano Chitosan Treated Wool Fabric using Natural Dye," 11th Asian Textile Conference - Atc 11, Korea, Republic of, 01 November 2011 - 04 November 2011.
- 
35. Marzieh Hanafi, Marziyeh Khatibzadeh, Alireza Khosravi, Kamaladin Gharanjig, Jafar Fakhari, S. Amiri, "Preparation of Nano Chitosan by Two Different Processes for Finishing Treatment on Wool Fabric as Antimicrobial Material," 11th Asian Textile Conference, Korea, Republic of, 01 November 2011 - 04 November 2011.

---

36. Abdolrasoul Hejri, Kamaledin Gharanjig, Alireza Khosravi, Hejazi, Ashtiani, "Kinetics Study of Photodegradation of B-Carotene in Aqueous Media by Spectrophotometric Method," 12th International Young Scientists Conference Optics And High Technology Material Science Spo, Ukraine, 27 October 2011 - 30 October 2011.

---

37. Siyavash Hadadi, Alireza Khosravi, Kamaledin Gharanjig, Elahe Kookhahi, Hassan Sameie, Reza Salimi, "Investigation of the effect of structural modification on dispersibility of C.I.Pigment red 2 by optical properties," 12th International Young Scientists Conference Optics And High Technologh Material Science Spo, Ukraine, 27 October 2011 - 30 October 2011.

---

38. Hanieh Shaki, Kamaledin Gharanjig, Shohreh Roohani, Alireza Khosravi, "Synthesis and Investigation of Photophysical Properties of some Novel Naphthalimide Dyes ," 12th International Young Scientists Conference Optics And High Technology Material Science Spo , Ukraine, 27 October 2011 - 30 October 2011.

---

39. Naghmeh Arabzadeh, Majid Abdouss, Alireza Khosravi, Asadi, "Synthesis and Characterize of Molecularly Imprinted Polymer by Precipitation polymerization for the Selective Solid-phase Extraction of Pseudoefedrine in Human Serum and Urine Sample," 13th International Symposium On Advances In Extraction Technologis, Malaysia, 27 September 2011 - 29 September 2011.

---

40. Naghmeh Arabzadeh, Majid Abdouss, Alireza Khosravi, Ebadollah Asadi, "Syntheses and Characterization of the Molecularly Imprinted Polymer by precipitation polymerization for the selective solid phase extraction of pseudoefedrine in Human Serum and Urine Sample," 13th International Symposium On Advances In Extraction Technologies 2011 (Extech 2011), Malaysia, 19 September 2011 - 23 September 2011.

---

41. Zohreh Mesgari, Mehrnaz Gharagozlou, Alireza Khosravi, Kamaladin Gharanjig, "Synthesis and Influence of Heat Treatment on Properties of the Hybrid Isoindole Pigment /TiO<sub>2</sub> nanocomposite," International Conference On Materials Heat Treatment ,icmh 2010, Iran (Islamic Republic of), 10 May 2011 - 12 May 2011.

---

42. Zohreh Mesgari, Mehrnaz Gharagozlou, Alireza Khosravi, Kamaladin Gharanjig, "Synthesis and Influence of Heat Treatment on Properties of Fe-doped TiO<sub>2</sub> Nanoparticles," International Conference On Materials Heat Treatment ,icmh 2010, Iran (Islamic Republic of), 10 May 2011 - 12 May 2011.

---

43. Zohreh Mesgari, Mehrnaz Gharaghozlo, Alireza Khosravi, Kamaldien Gharanjig, "synthesis and influence of heat treatment on structural properties of modified TiO<sub>2</sub> nanopowders," Nternational Congress On Nanoscience And Nanotechnology, Iran (Islamic Republic of), 09 November 2010 - 11 November 2010.

---

44. Haniye Shaki, Kamaledine Gharanjig, Shohre Rohani, Alireza Khosravi, "Synthesis and characterization of two novel intermediates of dyes based on naphthalimide," , Iran (Islamic Republic of), 25 October 2010 - 28 October 2010.

---

45. Hanieh Shaki, Kamaledin Gharanjig, Shohre Rouhani, Alireza Khosravi, "Synthesis and characterization of two novel intermediates of dyes based on naphthalimide," 13th Iranian National Chemical Engineering Congress & 1st International Regional Chemical And Petroleum Engineering, Iran (Islamic Republic of), 25 October 2010 - 28 October 2010.

---

46. Kamaledine Gharanjig, Alireza Khosravi, Haniye Shaki, Zohre Bahraminiya, Sajad Valikhani, "synthesis of a monoazo disperse dye based on benzthiazole and investigation of its antimicrobial and spectral properties," 13th Iranian National Chemical Engineering Congress & 1st International Regional Chemical And Petroleum Engineering , Iran (Islamic Republic of), 25 October 2010 - 28 October 2010.

---

47. Zohreh Mesgari, Mehrnaz Gharagozlou, Alireza Khosravi, Kamaladin Gharanjig, "Synthesis and characterization of novel nano pigment based on modified titania nanoparticles ," Congress Technology Application And Industrial Extant , Iran (Islamic Republic of), 11 May 2010 - 12 May 2010.

---

48. Zohreh Mesgari, Mehrnaz Gharegozlo, Alireza Khosravi, Kamaledin Gharanjig, "The synthesis and characterization new nanopigment for based on modified nanoparticle Titania," Congress Technology Application And Industrial Extant , Iran (Islamic Republic of), 11 May 2010 - 12 May 2010.

---

49. Hanieh Shaki, Kamaledin Gharanjig, Alireza Khosravi, "Synthesis of an acid dye by sulfonation of indigo with excellent wash fastness," The 1th International And The 7th National Iranian Textile Engineering Conference, Iran (Islamic Republic of), 27 October 2009 - 29 October 2009.

---

50. Mohammad Rabiee, Siamak Moradian, , Alireza Khosravi, "Synthesis of a disperse dye based naphthalimide and evaluation of dyeing properties on polyester fibers," The 1st International And The 7th National Iranian Textile Conference (Itec2009), Iran (Islamic Republic of), 27 October 2009 - 29 October 2009.

---

51. Yasaman Aghili, Seyed Mohsen Mohseni, , Siamak Moradian, Alireza Khosravi, "Synthesis & characterization of silicon hybrid nano composites containing nonlinear optical dyes," International Conference On Advanced Optoelectronics And Lasers , Caol 2008, other, 29 September 2009 - 04 October 2009.

---

52. Mozghan Hosseinnezhad, Alireza Khosravi, Kamaledin Gharanjig, Siamak Moradian, "Investigation of synthesis and dyeing properties of novel acid dyes and comparison of their properties with naphthalimide derivatives on polyamide," 10 Th Asian Textile Conference, Japan, 08 September 2009 - 10 September 2009.
- 
53. Alireza Khosravi, Kamaledin Gharanjig, "Synthesis and dyeing properties of N-ethyl-2-hydroxynaphthalimide azo-N,N-diethyl-m-toluidine on polyester fabrics," 10 Th Asian Textile Conference, Japan, 08 September 2009 - 10 September 2009.
- 
54. Azade Ghorbani, Kamaldien Gharanjig, Alireza Khosravi, Marziyeh Khatibzadeh, "Synthesis, Identification and Application of Barium Lithol Red Pigment ," Iranian National Chemical Engineering Congress , Iran (Islamic Republic of), 21 October 2008 - 23 October 2008.
- 
55. , Seyed Mohsen Mohseni, , Siamak Moradian, Alireza Khosravi, "Synthesis and Characterization of Silicon Hybrids Nano Composites Containing Non-linear optical Dyes," Light-controlled Liquid Crystal Complex Adaptive Materials - Lc2cam, Boulder International Workshop, United States, 05 August 2008 - 09 August 2008.
- 
56. Kamaladin Gharanjig, Mokhtar Arami, Moosa Sadeghikiakhani, Alireza Khosravi, "Synthesis of naphthalimide based alali clearable azo disperse dye and dyeing of polyester fabrics," World Textile Conference, Italy, 23 June 2008 - 27 June 2008.
- 
57. Paria Parvizi, Alireza Khosravi, Siamak Moradian, Kamaladin Gharanjig, "Synthesis and color fastness properties of a series of alkali clearable azo disperse dyes based on naphthalinide," World Textile Conference, Italy, 23 June 2008 - 27 June 2008.
- 
58. Paria Parvizi, Alireza Khosravi, Siamak Moradian, Kamaladin Gharanjig, "Synthesis and color fastness properties of an alkali clearable azo disperse dye based on naphthalimide," Ichech2008, Iran (Islamic Republic of), 03 January 2008 - 05 January 2008.
- 
59. Paria Parvizi, Alireza Khosravi, Siamak Moradian, Kamaladin Gharanjig, "Synthesis and application of a novel monoazo naphthalimide- based disperse dye on polyester fibers," 8st International Seminar On Polymer Science And Technology , Iran (Islamic Republic of), 23 October 2007 - 25 October 2007.
- 
60. Alireza Khosravi, Kamaladin Gharanjig, Niyaz Mohammad Mahmoodi, Narges Yousefi Limai, "Kinetic studies and synthesis of a fluorescent brightening agent based on naphthalimide," International Seminar On Polymer Science & Technology , Iran (Islamic Republic of), 23 October 2007 - 25 October 2007.

---

61. Paria Parvizi, Alireza Khosravi, Siamak Moradian, Kamaladin Gharanjig, "Synthesis and application of an alkali- clearable mono azo disperse dye based on naphthalimide," The 9th Asian Textile Conference, Taiwan, Province of China, 28 June 2007 - 30 June 2007.

---

62. Paria Parvizi, Alireza Khosravi, Siamak Moradian, Kamaladin Gharanjig, "Synthesis and application of an alkali- clearable mono azo disperse dye based on naphthalimide," 7th Annual Conference By Autex- Autex 2007, Finland, 26 June 2007 - 28 June 2007.

---

63. Kamaladin Gharanjig, Mokhtar Arami, , S.hajir Bahrami, , Alireza Khosravi, "Investigation of Synthesis and Dyeing Properties of N-ethylglycinate-1,8-naphthalimide-azo-N,N-dimethyle aniline as a novel Disperse Dyestuff," , Finland, 26 June 2007 - 28 June 2007.

---

64. Alireza Khosravi, Kamaladin Gharanjig, Niyaz Mohammad Mahmoodi, N. Yousefi Limai, "the synthesis of a floursent brightness material based on naphthalimide," The 6th International Seminar On Textile Engineering , Iran (Islamic Republic of), 08 May 2007 - 09 May 2007.

---

65. Paria Parvizi, Alireza Khosravi, Siamak Moradian, Kamaledine Gharanjig, "the synthesis of coupler intermediate for disperse dye ," The 6th International Seminar On Textile Engineering, Iran (Islamic Republic of), 08 May 2007 - 09 May 2007.

---

66. , Mokhtar Arami, Alireza Khosravi, "Synthesis and Characterization of 4- Nitro- N-methyl Glycinate Naphthalimide," , Iran (Islamic Republic of), 03 May 2006 - 05 May 2006.

---

67. Alireza Khosravi, Siamak Moradian, Kamaladin Gharanjig, Faramarz Afshar Taromi, Farahnaz Sadr Dadras, "Dyeing properties of a novel azo disperse dyestuff based on naphthalimide for polyamide fibres," 1international And 2 National Conferanss On Color Science And Technology, Iran (Islamic Republic of), 03 January 2006 - 05 January 2006.

---

68. Kamaledin Gharanjig, Mokhtar Arami, Alireza Khosravi, H. Kharati, A. Farahani, Manouchehr Khorasani, "synthesis and characterization of 4-nitro-N-methyl glycinate naphthalimide ," 1international And 2 National Conferanss On Color Science And Technology, Iran (Islamic Republic of), 03 January 2006 - 05 January 2006.

---

69. Kamaledin Gharanjig, Mokhtar Arami, Farahnaz Sadre Dadras, A.akbarzade, Alireza Khosravi, "synthesis and investigation of Dyeing Properties of Disperse Red 73 for polyester fibers," The 4th International Seminar On Polymer Science And Technology, Iran (Islamic Republic of), 27 September 2005 - 29 September 2005.

---

70. Kamaladin Gharanjig, Mokhtar Arami, Alireza Khosravi, "Synthesis and Investigation of Dyeing Properties of disperse red 73 for polyester fibers.," , Iran (Islamic Republic of), 27 September 2005 - 29 September 2005.

---

71. Mehrane Rostami, Mohammad Reza Mohammadzadehattar, Alireza Khosravi, Siamak Moradian, Saeed Bastani, "properties study of treated toluidine red in water base flexography ink," The 4th International Seminar On Polymer Science And Technology, Iran (Islamic Republic of), 27 September 2005 - 29 September 2005.

---

72. Mehran Rostami Daronkola, Mohammad Reza Mohammadzadehattar, Alireza Khosravi, Siamak Moradian, Saeid Bastani, "Properties study of treated Toluidine Red in water base felexography ink," , Iran (Islamic Republic of), 27 September 2005 - 29 September 2005.

---

73. Kamaledin Gharanjig, P. Salehi, A. Salehi, S.ebrahimi, Farahnaz Sadre Dadras, Alireza Khosravi, "Synthesis and investigation of dyeing properties of C.I. Disperse Blue 56 for polyester fibers," The 4th International Seminar On Polymer Science And Technology, Iran (Islamic Republic of), 27 September 2005 - 29 September 2005.

---

74. Alireza Khosravi, Siamak Moradian, Kamaledien Gharanjig, Faramarz Afshar Taromi, Farahnaz Sadr Dadras, "synthesis and investigation of dying properties of N-propyl-naphtalimide-4-azo-p-amino acetophenone," The 4th International Seminar On Polymer Science And Technology, Iran (Islamic Republic of), 27 September 2005 - 29 September 2005.

---

75. Mokhtar Arami, Alireza Khosravi, Mehrangiz Dehghani, "Investigation of Wastewater of Textile Innusties.," , Iran (Islamic Republic of), 20 March 1996 - 20 March 1996.

## *Projects*

1. Alireza Khosravi, Siamak Moradian, Kamaladin Gharanjig, 22 December 2002 - 24 October 2004.

---

2. Alireza Khosravi, Kamaladin Gharanjig, Faramarz Afshar Taromi, Siamak Moradian, 29 June 2002 - 21 December 2004.

---

3. Mohammad Reza Mohammadzadehattar, Morteza Ebrahimi, Alireza Khosravi, Siamak Moradian, 22 July 2000 - 09 October 2006.

---

4. Alireza Khosravi, Siamak Moradian, Kamaladin Gharanjig, 22 December 1999 - 31 July 2001.

---

5. Mokhtar Arami, , Alireza Khosravi, 03 October 1993 - 26 February 1996.

## *Books*

1. Editors: Shakeel Ahmed, Shahid Adeel; Authors: Kamaladin Gharanjig, Hamid Gharanjig, Hooman Imani, Siavash Goudarzi, Alireza Khosravi, Azita Noshirvani; Chapter 9: Impact of Nanotechnology on extraction and application of carotene and anthocyanin based natural colorants; Nanoscale textile coatings for enhanced performance; Edition:1, Springer

---

2. Kamaladin Gharanjig, , Alireza Khosravi, Dyeing of textile fibers with natural dyes, Edition : 1, Iran (Islamic Republic of), 2022.

---

3. Kamaladin Gharanjig, , Alireza Khosravi, Organic colorants (Laboratorial & industrial production), Edition : 1, Iran (Islamic Republic of), 2021.

---

4. Kamaladin Gharanjig, Mozghan Hosseinnezhad, Alireza Khosravi, Synthesis Of Organic Dyes, Edition : 3, Iran (Islamic Republic of), 2020.

---

5. Kamaladin Gharanjig, Mozghan Hosseinnezhad, Alireza Khosravi, Synthesis Of Organic Dyes, Edition : 2, Iran (Islamic Republic of), 01 January 2016.

---

6. Kamaladin Gharanjig, Mozghan Hosseinezhad, Alireza Khosravi, Synthesis Of Organic Dyes, Edition : 1, Iran (Islamic Republic of), 01 January 2013.

---

7. Alireza Khosravi, Kamaladin Gharanjig, Siamak Moradian, Mozghan Hosseinezhad, Color Chemistry:synthesis, Properties, And Application Of Organic Dyes And Pigments, Edition : 1, Iran (Islamic Republic of), 04 April 2012.

---

8. Alireza Khosravi, Kamaledine Gharanjig, Mozghan Hosseinezhad, Dyeing Of Synthesis Fibers And Cellulose Acetate, Edition : 3, Iran (Islamic Republic of), 20 December 2010.

---

9. Alireza Khosravi, Morteza Hosseinian, Abbas S. Mansouri, ( آبکاري - ليني - نساجي ), تصفيه فاضلابهاي صنعتي صنايع ( آبکاري - ليني - نساجي ), Edition:1, Iran (Islamic Republic of), 2010.

---

10. Kamaladin Gharanjig, Alireza Khosravi, Saeed Farrokhpay, پيشرفت هايي در شيمي و تکنولوژي مواد رنگزاي آلي, رنگزاي مواد رنگزاي آلي, Edition : 1, Iran (Islamic Republic of), 20 February 2004.

---

11. Alireza Khosravi, Kamaladin Gharanjig, رنگرزي الياف مصنوعي و استات سلولز, رنگرزي الياف مصنوعي و استات سلولز, Edition : 2, Iran (Islamic Republic of), 20 March 2000.

---

12. Alireza Khosravi, Mohsen Haji Sharifi, ساخت و شناسايي رنگهاي نساجي (به روش هاي آزمايشگاهي), ساخت و شناسايي رنگهاي نساجي (به روش هاي آزمايشگاهي), Edition : 2, Iran (Islamic Republic of), 21 March 1999.

---

13. Alireza Khosravi, Morteza Hosseinian, طراحي تصفيه خانه هاي پساب صنايع نساجي, طراحي تصفيه خانه هاي پساب صنايع نساجي, Edition : 2, Iran (Islamic Republic of), 21 March 1999.

---

14. Alireza Khosravi, Kamaladin Gharanjig, رنگرزي الياف مصنوعي و استات سلولز, رنگرزي الياف مصنوعي و استات سلولز, Edition : 1, Iran (Islamic Republic of), 21 March 1995.

---

15. Alireza Khosravi, Morteza Hosseinian, طراحي تصفيه خانه هاي پساب صنايع نساجي, طراحي تصفيه خانه هاي پساب صنايع نساجي, Edition : 1, Iran (Islamic Republic of), 21 March 1989.

---

16. Alireza Khosravi, Mohsen Haji Sharifi, (به روش هاي آزمايشگاهي), ساخت و شناسايي رنگهاي نساجي, Edition : 1, Iran (Islamic Republic of), 21 March 1986.

## *Inventions*

1. arbod Mirshahi, Alireza Khosravi, Kamaledin Gharanjig, "The making of antibacterial cotton fabrics with kitosane to tagochi experimental and dyeing with natural materials," Iran (Islamic Republic of), 100300862, 10 October 2011 - 10 October 2031.

2. Mozghan Hosseinnezhad, Alireza Khosravi, Kamaladin Gharanjig, Mohsen Vanak, "The synthesis of N-methyl naphthalimide-4-azo-1-hydroxy-6-aminonaphthalene-3-sulphonic acid," Iran (Islamic Republic of), 100300831, 13 July 2011 - 13 July 2031.

3. Mohsen Vanak, Alireza Khosravi, Kamaladin Gharanjig, Mozghan Hosseinnezhad, "The synthesis of paraphnylazo-1-hydrixy-6-aminonaphthalene-3-sulphonic acid," Iran (Islamic Republic of), 100300833, 13 July 2011 - 13 July 2031.

4. Mozghan Hosseinnezhad, Alireza Khosravi, Kamaladin Gharanjig, Mohsen Vanak, "The synthesis of phnylazo-1-hydrixy-6-aminonaphthalene-3-sulphonic acid," Iran (Islamic Republic of), 100300832, 13 July 2011 - 13 July 2031.

5. Mozghan Hosseinnezhad, Alireza Khosravi, Kamaladin Gharanjig, Mohsen Vanak, " The synthesis of N-buthyknaphthalimide-4-azo-1-hydrixy-6-aminonaphthaline-3-sulfonic acid ," Iran (Islamic Republic of), 100300830, 13 July 2011 - 13 July 2011.

6. Mehrnaz Gharegozlo, Alireza Khosravi, Kamaledin Gharanjig, Zohreh Mesgari, "the synthesis of nanocomposite contain dioxidetitane and isoindoline dye ," Iran (Islamic Republic of), 100300865, 18 September 2010 - 18 September 2030.

7. Abdolrasoul Hejri, Alireza Khosravi, Kamaledin Gharanjig, Mohamad Amin Hejazi, "the caratoneid dyes with disperse ability in water," Iran (Islamic Republic of), 100300864, 03 March 2010 - 02 March 2030.

8. Alireza Khosravi, Kamaladin Gharanjig, , " ساخت ماده رنگزای انیدیگو کارمین از سولفاناسیون نیل", Iran (Islamic Republic of), 100300419, 19 May 2009 - 18 May 2029.

9. Alireza Khosravi, Kamaladin Gharanjig, "ساخت پیگمنت لیتول باریم روزین دار شده برای استفاده در جوهر های چاپ", Iran (Islamic Republic of), 100300418, 19 May 2009 - 18 May 2029.

10. Ali Reza Ghanbari, Alireza Khosravi, Kamaladin Gharanjig, "SYNTHESIS OF MONOAZO ACID DYE .," Iran (Islamic Republic of), 100300379, 17 June 2008 - 17 June 2028.

11. Ali Reza Ghanbari, Alireza Khosravi, Kamaladin Gharanjig, "PROCESS OF SYNTHESIS OF BISAZO ACID DYE.," Iran (Islamic Republic of), 100300386, 23 April 2008 - 23 April 2028.

## Graduate Students Projects

### PhD Students Projects

1. Ali Amiri Zarandi, Alireza Khosravi, "سنتر جوهر بر پایه نانو وایر نقره برای ساخت الکتروود شفاف سلول خورشیدی", PhD, 6 Aban 1399.

2. Sahar Foroughi Rad, Alireza Khosravi, "سنتر و بررسی عملکرد پلیمرهای قالب مولکولی بر پایه نانو لوله های هالوویت در تصفیه پساب مواد رنگزا", PhD, 5 Aban 1399.

3. Abdolrasoul Hejri, Alireza Khosravi, "سنتر نانو ذرات لیپیدی حاوی مواد رنگزای کاروتنوئیدی برخوردار از مشخصه آنتی اکسیدانی: تعیین عوامل تاثیرگذار", PhD, 30 Mehr 1399.

4. Hanieh Shaki, Alireza Khosravi, , "سنتر مواد رنگزای ضد میکروبی بر پایه نفتالیمید و بررسی خواص و کاربرد آنها در رنگزای الیاف نساجی", PhD, 13 September 2015.

5. Naghmeh Arabzadeh, Alireza Khosravi, , "سنتر کامپوزیت (نانو فوتو کاتالیست - نانو پلیمر قالب مولکولی) و بررسی کاربرد آن در حذف", PhD, 12 November 2014.

6. Khashayar Mohajer, Alireza Khosravi, , "رنگبری پساب های حاوی رنگزاهای انیونی و کاتیونی بوسیله آزیم لا کاز تثبیت شده بر روی نانو", PhD, 28 June 2014.

- 
7. Seyamack Jafari, Alireza Khosravi, , " تعیین تابع قریب نفوذ رنگزای دیسپرس بر پایه نفتال ایمید ها بر روی الیف پلی اتیلن ترفتالات", PhD, 11 March 2013.

## MSc Students Projects

1. Amir Mohammad Shojaee Jeshvaghani, Alireza Khosravi, Manouchehr Khorasani, "production of Chitosan modified lipid nanoparticles and investigation of its effect on stability of loaded B-carotene", MSc, 20 February 2019.

---

  2. Mehrdad Rahbari, Alireza Khosravi, , " سنتز و بررسی پلیمر قالب مولکولی به روش مغناطیسی و کاربرد آن در حذف رنگزای خوراکی از پساب", MSc, 07 July 2018.

---

  3. Mohammadreza Malekzade Davarani, Alireza Khosravi , "Investigation of antimicrobial properties of beta carotene loaded lipid nanoparticles", MSc, 14 February 2018.

---

  4. Hamid Gharanjig, Alireza Khosravi, , "Synthesis of polycarboxylate type dispersants and study of their application in preparing disperse dyes", MSc, 08 October 2016.

---

  5. Sahar Foroughirad, Alireza Khosravi, , "Synthesis and Characterization of Nano Molecularly Imprinted Polymer and Its Application to Remove Food Dye from Wastewater", MSc, 18 September 2016.

---

  6. Ali Mahmoodigahrouei, Morteza Ebrahimi, Alireza Khosravi, " تهیه نانو کامپوزیت اپوکسی / نانوپلیگمنت و استفاده از آن در " فرمولاسیون پوشش های پودری", MSc, 05 September 2016.

---

  7. Ehsan Zamani, Alireza Khosravi, Mehdi Rafizadeh, " سنتز و شناسایی پلی استر (پلی اتیلن ترفتالات) ذاتا رنگی بر پایه ی مواد رنگزای " نفتالیمید", MSc, 13 February 2016.

---

  8. Milad Pileh Kouhi, Alireza Khosravi, Manouchehr Khorasani, " سنتز و شناسایی پلی اورتان ذاتا رنگی بر پایه ی مواد رنگزای " نفتالیمید", MSc, 08 August 2015.
-

9. Anahita Ahmadi, Alireza Khosravi, , "Preparation of beta-carotene loaded nanostructured lipid carriers by solvent injection method", MSc, 19 October 2014.

---

10. Ghazal Shojaei, Alireza Khosravi, , "synthesis and investigation of anti bacterial properties of metal complex based on disazo dyes", MSc, 20 October 2013.

---

11. Zahra Pourakbar, Alireza Khosravi, , "synthesis and investigation of properties of polymeric sensors based on naphthalimide dyes", MSc, 19 October 2013.

---

12. Mahdiah Shokri, Alireza Khosravi, , "Synthesis of azonaphthalimide dyes and investigation of their application as PH sensors", MSc, 25 September 2013.

---

13. Fatemeh Ahmadiroshan, Alireza Khosravi, , "Synthesis of some polyhydroxy azo-azomethine and investigation of their antimicrobial activities", MSc, 21 September 2013.

---

14. Marzieh Hanafi, Marziyeh Khatibzadeh, Alireza Khosravi, "Kinetic study ,dyeing and antimicrobial characteristics of chitosan treated wool fabric with natural dye", MSc, 04 March 2012.

---

15. Seyed Majid Farvid, Alireza Khosravi, , "Synthesis and characterization of the novel fluorescent compounds based on naphthalimide derivatives", MSc, 25 February 2012.

---

16. Abdolrasoul Hejri, Alireza Khosravi, , "preparation and investigation of the effect of some parameters on particle size of nanostructured lipid carriers(NLCS containing beta carotene", MSc, 07 February 2012.

---

17. Sima Farghadani Chahar Soughi, Alireza Khosravi, , "reparation of nanocapsules of fluorescent dyes based on naphthalimide via miniemulsion polymerization", MSc, 31 January 2012.

---

18. Mohammad Gharagozlo, Mehran Javanbakht, Alireza Khosravi, "Molecular imprinting-based fluorescent chemosensor for determination of carvedilol and promethazine in biological fluids", MSc, 22 October 2011.

---

19. Marzieh Sabri, Aliasghar Sarabi Daryani, Alireza Khosravi, "Study of corrosion resistance of nickel composite electroplating with nanoparticles Al<sub>2</sub>O<sub>3</sub>", MSc, 22 October 2011.

---

20. Bahareh Safabakhsh, Alireza Khosravi, , "Synthesis of self-colored copolymer based on thiobutynaphthalimide", MSc, 18 January 2011.

---

21. Zohreh Mesgari, Alireza Khosravi, , "Synthesis, characterization and application of hybrid nanocomposites based on semiconductor inorganic oxides and phthalocyanine derivatives", MSc, 20 October 2010.

---

22. Fateme Eslam Panah, Alireza Khosravi, , "synthesis of some fluorescent dyes based on naphthalimide derivatives for preparing self - colored polymers", MSc, 20 October 2010.

---

23. Hamed Momenzadeh Jahromi, Alireza Khosravi, , "reactive dyes removal from waste water using nano chitosan particles", MSc, 07 July 2010.

---

24. Mahdi Soltani Gerdefaramarzi, Alireza Khosravi, Manouchehr Khorasani, " بررسی عملکرد سطح فعال های زیست سازگار به کمک منعقد کننده های آکرلیکی در جوهر زدایی از سطح فیلم پلی اتیلن چاپ شده ", MSc, 02 December 2009.

---

25. Hamidreza Soltani Panah, Alireza Khosravi, , "Investigation of synthesis and photo physic properties of polymerizable dyes based on 1,8 naphthalimides and their copolymerization with methy methacrylate", MSc, 18 February 2009.

---

26. Mozghan Hossein Nezhad, Alireza Khosravi, , "The synthesis of acid dyes based on Naphthalimides and investigation of their dyeing", MSc, 16 September 2008.

---

27. Paria Parvizi, Alireza Khosravi, Siamak Moradian, "SYNTHESIS OF SOME CLEARABLE AZO DISPERSE DYES BASED ON NAPHTHALIMIDE COUPLER", MSc, 22 October 2007.

---

28. Bahram Ramezan Zadeh Karate, Siamak Moradian, Alireza Khosravi, "STUDY THE EFFECT OF SOME ADDITIVE ON THE SCRATCH AND MAR RESISTANCE OF AUTOMOTIVE CLEAR COAT RELATIONG TO THEIR MECHANIC", MSc, 22 September 2007.

---

29. Mehran Rotami Daronkola, Mohammad Reza Mohammadzadehattar, Alireza Khosravi, " عملیات سطحی و آماده سازی ", پیگمنت قرمز شماره ۳, MSc, 13 March 2005.

---

30. Farinaz Koochack, Siamak Moradian, Alireza Khosravi, " بررسی سینتکی برخی از مشتقات حاصل از آسفتین ", MSc, 20 July 2004.

## *Employment & Teaching*

- [1]- Teaching in Amirkabir University of Technology as an Academic Staff, 1983-till Now.
- [2]- Teaching in Islamic Azad University, 3 Years Part Time.
- [3]- Teaching in Shahid Rajaei University, One Session Part Time.
- [4]- Teaching in Technical Institute of Enghelabe Islami, 3 Years Part Time.
- [5]- Research in Color Research Center of Iran, 2 Years Part Time.
- [6]- Teaching in Amirkabir University of Technology, 1979 Part Time.
- [7]- Technical Consultant of Color of Tolidi Tehran Factories, 1997-1998.
- [8]- Technical Expert of Small Industry Organization, 1982-1983.
- [9]- Technical Consultant in Jihad Sazandegi Ilam, 1982.
- [10]- Technical Expert of Iran National Polyacryl Company, 1980-1981.
- [11]- Technical Expert of Jihad University, 1979.

## *Scientific Societies*

- [1]- Member of the Society of Dyers and Colorists.
- [2]- Fellow of the Iranian Color Council, Tehran, Iran, 2002.
- [3]- Member of Editorial Board of Journal of Color Science and Technology.

## *Awards*

- [1]- A.Khosravi, K. Gharanjig, Preparation of Betanin from Beetroot Red, as a Selected BSc Project in Amirkabir University of Technology has been Awarded a Prize, 2007.
- [2]- K. Gharanjig, A. Khosravi, S. Farrokh Pay, Developments in the Chemistry and Technology of Organic Dyes, Publisher: Jihad of Amirkabir University of Technology, 2003, This Book Has Been Awarded for its Translation a Prize from 11th Selection of Annual Student Book (Engineering and Technology Group) by Jihad University in 2004.

[3]- A. Khosravi, F. Mazaheri, A. Asadollahi, Project of Gas Resistant Fabrics by Printing Method, Supported by Defence Ministry. It was Awarded Second Research Prize by First Kharazmi Festival in 1987.

### *Management/Administration Jobs*

[1]- Head of the Color Science and Technology Group in the Faculty of Polymer Engineering, 2005-2007.

[2]- Coordinator of Intermediates & Dyestuffs Synthesis Laboratory, 1983 till Now.

[3]- Coordinator of Training Course and Industrials Relationships in the Department of Textile Engineering, 1984-1989.