## Ahmad Akbari

Professor

College: Faculty of Architecture and Art

Department: Carpet


### Welcome to Dr. Ahmad Akbari web site

### Education

| Degree | Graduated in | Major | University |
|---|---|---|---|
| BSc | 1992 | B.Sc. in Textile engineering (Textile chemistry and fibre science) | Esfahan University of technology |
| MSc | 1997 | M. Sc. in Textile engineering (Textile chemistry and fibre science) | Amirkabir University |
| Doctoral | 2003 | Ph.D. in Textile engineering (Textile chemistry and fibre science) | Paul Sabatier University (Toulouse III) |

### Employment Information

| Faculty/Department | Position/Rank | Employment Type | Cooperation Type | Grade |
|---|---|---|---|---|
| University of Kashan | Professor of Textile Chemistry | Tenured | Full Time | 38 |

## Work Experience

Dean of Institute, Institute of Carpet, University of Kashan (*2015-Present)*

*Education Vice Chancellor of Faculty,* Faculty of Architecture & Art, University of Kashan (2018-Present)

Dean of Faculty, Faculty of Architecture & Art, University of Kashan (*2016-2018)*

Dean of Faculty, Faculty of Architecture & Art, University of Kashan (2005-2011)

## Awards

The best Researcher of the year award from University of kashan *(2003, 2006, 2008, 2010, 2012, 2014, 2017, 2019)*

The best Teacher of the year award from University of kashan *(2008, 2009, 2010, 2011, 2013, 2017, 2020)*

The best Researcher of the year award in Esfahan Province (2011, 2012, 2018)

The selected researcher of the year award from University of Kashan *(2016, 2018)*

## Course Topics

Teaching Experience (2003-up to now) Graduate & Undergraduate

B.Sc

- Dyeing of wool and cotton
- Dyeing of synthetic fibres
- Natural dyeing
- Color technology
- Color chemistry
- Analytical chemistry
- Textile finishing
- Organic chemistry I, II

M.Sc

- Polymer and its application in nanotechnology
- Color and glaze
- Advanced colour chemistry
- Advanced fiber chemistry
- Supramolecular Chemistry
- Surface Chemistry

## Journal Membership

*Journal of Iranian Handicrafts*

## Membership in Scientific Societies

Iran Carpet Scientific Association

Textile Science and Technology Association of Iran

## Papers in Conferences

1. ملیکا رایگان,احمد اکبری،بررسی مشخصه های رنگی نخ پشمی رنگرزی شده با رنگزای استخراج شده از گل مینا،چهاردهمین کنفرانس ملی مهندسی نساجی ایران،۱ - اصفهان،۲۰۲۵ ۰۵ ۲۰ .
2. ملیکا رایگان,احمد اکبری،بررسی مشخصه های رنگی نخ پشمی رنگرزی شده با رنگزای استخراج شده از گل مینا،چهاردهمین کنفرانس ملی مهندسی نساجی ایران،۱ - اصفهان،۲۰۲۵ ۰۵ ۲۰ .
3. فاطمه زین الدینی میمند,احمد اکبری،رنگرزی نخ پشمی با پوست درخت بید و تأثیر اسید و دندانه بر فام رنگزا،چهاردهمین کنفرانس ملی مهندسی نساجی ایران،۱ - اصفهان،۲۰۲۵ ۰۵ ۲۰ .
4. A. Akbari،Preparation of hollow fibre nanofiltration membranes by photo polymerization and its application to treatment of textile dye effluents،۵th Textile engineering national conference،Teheran،(۲۱-۲۳) Ordibehesht ۱۳۸۳.
5. A. Akbari, S. Desclaux, J.C. Remigy, P. Aptel ,Treatment of textile dye effluents using a new photografted nanofiltration membrane, Communication oral ,International Congress On Membrane and Membrane Processes (ICOM) ,Toulouse-France ,July 7-12, 2002.
6. A. Akbari, S. B□quet, S. Desclaux, J.C. Remigy, P. Aptel ,Preparation and characterization of a new photografted nanofiltration membrane; Application to treatment of textile effluents ,International Congress On Membrane and Membrane Processes (ICOM) ,Toulouse-France ,July 7-12, 2002.
7. A. Akbari, S. B□quet, S. Desclaux, J.C. Remigy, P. Aptel ,New photografted nanofiltration membranes ,International Congress On Membrane and Membrane Processes (ICOM) ,Toulouse-France ,July 7-12, 2002.
8. A. Akbari, M. Homayounfal, M. Arami, M. Amini ,Preparation and characterization of polysulfone Nano structure membranes via photografted polymerization ,ICNN2008 ,Tabriz ,28-30 Oct. 2008.
9. M. Amini, M. Arami, M. Homayounfal, A. Akbari ,Treatment of acid dyes textile effluents by modified ultrafiltration membrane ,CIRAT-3 ,Sousse, Tunisia ,2008.
10. A. Akbari, A. Yunessnia Lehi, M. Bojaran, V. Jabbari ,Consideration of temperature effects on the morphology of PVDF membrane by SEM and AFM ,9th international seminar on polymer science and technology ,Teheran ,17-21 October 2009.
11. A. Akbari, A. Yunessnia Lehi, M. Bojaran, V. Jabbari ,The influence of inorganic nanoparticle on the PVDF polymeric membrane: effects on the morphology and crystallinity ,9th international seminar on polymer science and technology ,Teheran ,17-21 October 2009.
12. A. Akbari, S. B□quet, J.C. Remigy, P. Aptel ,Application de la nanofiltration au traitement des effluents de teinturerie ,8□me Congr□s Francophone de G□nie des Proc□d□s, In R□cents Progr□s en G□nie Chimique; Eau, Air, Sols, Environnement, ,Nancy - France ,17-19 Octobre, 2001.
13. A. Akbari, M. Homayoonfal ,Separation of ions from water by nanofiltration membrane based polysulfone prepared via photografting Acid acrylic ,IChEC12 ,Tabriz ,1387.
14. M. Arami, A. Akbari, M. Amini, M. Homayounfal, N. M. Mahmoodi ,Control of polysulfone ultrafiltration membrane characterization by changing molecular weight of additives and UV irradiation parameters ,IChEC12 ,Tabriz ,1387.
15. A. Akbari, M. Homayounfal ,Preparation of polysulfone nano-structured membrane for sulphate ions removal from water ,First international conference on Advances in wastewater treatment and ,University of Tehran, Tehran, Iran ,10-12 November 2009.

## Papers in Journals

1. ربابه تقی زاده بروجنی,احمد اکبری,عبدالسلیم قره بائی،بررسی اثر امواج فراصوت بر فرایند عصاره گیری و قدرت رنگی رنگزای پوست گردو در رنگرزی الیاف پشمی،گلجام،date-error،ISC.
2. سید کاظم موسوی,اخترالسادات موسوی,احمد اکبری،بهینه سازی فرآیند استخراج رنگزای طبیعی نیل به کمک امواج مافوق صوت به منظور کاهش آلودگیهای زیست محیطی،انسان و محیط زیست،date-error،ISC.
3. مریم رضائی,هانیه انصاری نژاد,احمد اکبری,فرات اچ. السلطانی,هدیل حسین همزا,مسعود صلواتی Magnetically separable ternary CdFe2O4/Fe2O3/CeO2 nanocomposites for visible-light photodegradation of eosin

Y,Results in Engineering,Vol. 27,pp. 1,2025 07 03,JCR.

4. احمد اکبری,مولود ولیان,شکوفه میرزاثانی,Forat H. Alsultany,مسعود صلواتی,Synthesis and characterization of bismuth gadolinium oxide/g-C3N4 heterojunction nano photocatalyst for efficient sunlight-driven purification of wastewater containing malachite green dye,Energy Nexus,Vol. 18,pp. 1,2025 04 23,ISI-Listed ,SCOPUS.

5. مهدی محمودیان,احمد اکبری,منصوره مهدوی زفرقندی,Polystyrene nanofibers containing ZIF-8 and ZnO nanoparticles as an effective fibrous respiratory mask filter for rejection of air pollutions,polymer bulletin,Vol. 1,pp. 1,2024 08 07,JCR.

6. مهدی محمودیان,احمد اکبری,منصوره مهدوی زفرقندی,Polystyrene nanofibers containing ZIF-8 and ZnO nanoparticles as an effective fibrous respiratory mask filter for rejection of air pollutions,polymer bulletin,Vol. 1,pp. 1,2024 08 07,JCR.

7. مسعود صلواتی,یوساما اس التیماری,عسیل ا الجبوری,الموز ا. داوی,احمد اکبری,علی صالح آبادی,مریم سادات مرصعی,Ultrasound-assisted synthesis of Dy2Mo3O12-Dy2O3 nanostructures for enhanced electrochemical hydrogen storage,International Journal of Hydrogen Energy,Vol. 64,pp. 766,2024 04 01,SCOPUS ,JCR.

8. احمد اکبری,زینب خانی آرانی,Influence of laser-induced for modification of polyacrylonitrile membranes by grafting of 2- hydroxyethyl methacrylate in the presence of visible light photoinitiator,DESALIN WATER TREAT,Vol. 269,pp. 65,2022 09 12,JCR.

9. احمد اکبری,سیده روناک حسینی,Effects of chitosan and piperazine on surface morphology and mebeverine hydrochloride removal in polyurea thin film composite membranes,BRAZ J CHEM ENG,Vol. 1,pp. 1,2022 03 04,JCR.

10. مسعود صلواتی,احمد اکبری,میثم احمدی زیدآبادی,عباس پرداختی,مهناز امیری ابراهیم اباد,Magnetic nickel ferrite nanoparticles: Green synthesis by Urtica and therapeutic effect of frequency magnetic field on creating cytotoxic response in neural cell lines,COLLOID SURFACE B,Vol. 172,pp. 244,2018 10 11,ISI.

11. مسعود صلواتی,سید حسن توسلی,احمد اکبری,علی صالحی,مریم سادات مرصعی,Enhanced dye sensitized solar cells efficiency by utilization of an external layer of CaCe2(MoO4)4:Er3□/Yb3□ nanoparticles,J ALLOY COMPD,Vol. 769,pp. 732,2018 08 11,ISI.

12. نورالله میرغفاری,احمد اکبری,روح اله میرزایی محمد آبادی,کامران رحیمی,Preparation of nanoparticle-modified polymeric adsorbent using wastage fuzzes of mechanized carpet and its application in dye removal from aqueous solution,J CLEAN PROD,Vol. 178,pp. 373,2017 12 11,ISI.

13. احمد طیبی,محمدرضا کوثری,احمد اکبری,محمد اتوکش,مریم دانشمند,Synthesis of “L-cysteine–graphene oxide” hybrid by new methods and elucidation of its uptake properties for Hg(II) ion,SEP SCI TECHNOL,Vol. 53,pp. 843,2017 12 11,ISI.

14. احمد طیبی,محمدرضا کوثری,احمد اکبری,محمد اتوکش,مریم دانشمند,Synthesis of “L-cysteine–graphene oxide” hybrid by new methods and elucidation of its uptake properties for Hg(II) ion,SEP SCI TECHNOL,Vol. 53,pp. 843,2017 12 11,ISI.

15. آرش یونس نیالهی,احمد اکبری,منیژه کامرانی,Chitosan-modified acrylic nanofiltration membrane for efficient removal of pharmaceutical compounds,Journal of Environmental Chemical Engineering,Vol. 6,pp. 583,2017 12 11,ISI.

16. مسعود صلواتی,عباس پرداختی,میثم احمدی,احمد اکبری,مهناز امیری ابراهیم اباد,Synthesis and in vitro evaluation of a novel magnetic drug delivery system; proecological method for the preparation of CoFe2O4 nanostructures,J MOL LIQ,Vol. 249,pp. 1151,2017 11 11,ISI.

17. احمد اکبری,آرش یونس نیالهی,A Novel Nanofiltration Membrane Prepared with PAMAM and Graphene oxide for Desalination,Journal of Nanostructure,Vol. 7,pp. 331,2017 10 11,ISI ,ISC.

18. طاهره غلامی,احمد اکبری,مسعود صلواتی,مهناز امیری ابراهیم اباد,Removal of malachite green (a toxic dye) from water by cobalt ferrite silica magnetic nanocomposite: Herbal and green sol-gel autocombustion synthesis,INT J HYDROGEN ENERG,Vol. 42,pp. 24846,2017 09 11,ISI.

19. احمد اکبری,آرش یونس نیالهی,Thin-film composite membranes incorporated with large-area graphene oxide sheets and adjustable surface charges,Polymers for advanced technologies,Vol. 29,pp. 795,2017 09 11,SCOPUS.

20. احمد اکبری,آرش یونس نیالهی,Novel membrane adsorbents prepared by waste fibers of mechanized carpet for Persian Orange X removal,Environmental Nanotechnology, Monitoring & Management,Vol. 8,pp. 209,2017 08 11,SCOPUS.
21. راضیه رضوی,احمد اکبری,مسعود صلواتی,مهناز امیری ابراهیم اباد,Sol–gel auto-combustion synthesize and characterization of a novel anticorrosive cobalt ferrite nanoparticles dispersed in silica matrix,J MATER SCI-MATER EL,Vol. 1,pp. 1,2017 04 11,ISI.
22. معین شجاعی,احمد اکبری,فاطمه امینی مله,حسن کریمی,Amplified electrochemical sensor employing CuO/SWCNTs and 1-butyl-3-methylimidazolium hexafluorophosphate for selective analysis of sulfisoxazole in the presence of folic acid,J COLLOID INTERF SCI,Vol. 495,pp. 61,2017 02 11,ISI.
23. احمد اکبری,آرش یونس نیالهی,سید جلال الدین موسوی راد,Pre-treatment of textile wastewaters containing Chrysophenine using hybrid membranes,Membrane Water Treatment,Vol. 8,pp. 89,2017 01 11,ISI.
24. احمد اکبری,مسعود صلواتی,مهناز امیری ابراهیم اباد,A magnetic CoFe2O4/SiO2 nanocomposite fabricated by the sol-gel method for electrocatalytic oxidation and determination of L-cysteine,MICROCHIM ACTA,Vol. 1,pp. 1,2016 12 11,ISI ,SCOPUS.
25. احمد اکبری,آرش یونس نیالهی,Membrane Capsules with Hierarchical Mg(OH)2 Nanostructures as Novel Adsorbents for Dyeing Wastewater Treatment in Carpet Industries,J TAIWAN INST CHEM E,Vol. 70,pp. 391,2016 11 11,ISI.
26. مریم همایونفال,احمد اکبری,Sulfonation and mixing with TiO2 nanoparticles as two simultaneous solutions for reducing fouling of polysulfone loose nanofiltration membrane,KOREAN J CHEM ENG,Vol. 33,pp. 2439,2016 04 11,ISI.
27. سیدمجید مجللی رستمی,وحیدرضا عباسپور,احمد اکبری,Tabas coal preparation plant wastewater treatment with membrane technology,WATER SCI TECHNOL,Vol. 74,pp. 333,2016 04 11,ISI.
28. سیدمجید مجللی رستمی,سعیده محتشم خانی,احمد اکبری,Second modification of a polyamide membrane surface,journal of applied polymer science,Vol. 1,pp. 1,2016 02 11,ISI.
29. سیدمجید مجللی رستمی,زهرا فخارشاکری,احمد اکبری,A novel positively charged membrane based on polyamide thin-film composite made bycross-linking for nanofiltration,WATER SCI TECHNOL,Vol. 73,pp. 776,2016 02 11,ISI.
30. محمد علی امانی,علیمحمد لطیفی,احمد اکبری,ذبیح اله ضرغامی,Design of a new integrated chitosan-PAMAM dendrimer biosorbent for heavy metals removing and study of its adsorption kinetics and thermodynamics,BIORESOURCE TECHNOL,Vol. 205,pp. 230,2016 01 11,ISI.
31. احمد اکبری,آرش یونس نیالهی,حسن جهانگیری,Hierarchical nanostructures as novel antifouling agents in nanofiltration process,DESALINATION,Vol. 375,pp. 116,2015 08 11,ISI.
32. مریم همایونفال ,سیدمجید مجللی رستمی,عصمت علی یاری زاده,احمد اکبری,Novel sulfonated polyamide thin-film composite nanofiltration membranes with improved water flux and anti-fouling properties,DESALINATION,Vol. 377,pp. 11,2015 08 11,ISI.
33. سیدمجید مجللی رستمی,حسنا سلیمانی,احمد اکبری,Preparation and characterization of a novel positively charged nanofiltration membrane based on polysulfone,journal of applied polymer science,Vol. 132,pp. 1,2015 06 11,ISI.
34. سیدمجید مجللی رستمی,زهرا دریکوندی,احمد اکبری,nfluence of chitosan coating on the separation performance, morphology and anti-fouling properties of the polyamide nanofiltration membranes,J IND ENG CHEM,Vol. 28,pp. 268,2015 03 11,ISI.
35. حسنا سلیمانی,احمد اکبری,آرش یونس نیالهی,Preparation of novel NF membrane via interfacial cross-linking polymerization,membrane water treatment,Vol. 6,pp. 173,2015 01 11,ISI.
36. زهرا قایدامینی هارونی,احمد اکبری,آرش یونس نیالهی,Preparation of Novel Thin-Film Composite Nanofiltration Membranes for Separation of Amoxicillin,journal of Nanostructure,Vol. 4,pp. 199,2014 09 11,ISC.
37. وحید جباری,آرش یونس نیالهی,مجید بوجاران,مسعود همدانیان,احمد اکبری,The Role of Solution and Coagulation Temperatures in Crystalline Structure, Morphology, Roughness, Pore Diameter Distribution, and Separation Properties of Nanoporous Membranes Fabricated Via Phase Inversion,Separation Science and Technology,Vol. 47,pp. 1866,2012 02 09,SCOPUS ,JCR.

38. احمد اکبری,فرهاد جوکار ششده,وحید جباری,Novel nanofiberous membrane fabricated via electrospinning of wastage fuzzes of mechanized carpet used for dye removal of the carpet dyeing wastewater,Journal of Environmental Science and Health, Part A,Vol. 47,pp. 847,2011 06 24,SCOPUS ,JCR.
39. مسعود همدانیان,احمد اکبری,وحید جباری,Electrospun Titanium Dioxide Nanofibers: Fabrication, Properties and Its Application in Photo-Oxidative Degradation of Methyl Orange (MO),Fibers and Polymers,Vol. 12,pp. 880,2011 06 15,SCOPUS ,JCR.
40. احمد اکبری,مریم همایونفال فینی,وحید جباری,Effect of solution chemistry and operating conditions on the nanofiltration of acid dyes by a nanocomposite membrane,Water Science & Technology,Vol. 64,pp. 2404,2011 03 14,SCOPUS ,JCR.
41. مریم همایونفال فینی,احمد اکبری,محمدرضا مهرنیا,Preparation of polysulfone nanofiltration membranes by UV-assisted grafting polymerization for water softening,desalination,Vol. 263,pp. 217,2010 06 24,JCR.
42. احمد اکبری,مریم همایونفال فینی,محمدوحید جباری,Synthesis and characterization of composite polysulfone membranes for desalination in nanofiltration technique,Water Science & Technology,Vol. 62,pp. 2655,2010 01 15,SCOPUS ,JCR.
43. احمد اکبری,ساندرین دسکلو,جان کریستوف روش,جان کریستوف ریمیژی,Application of nanofiltration hollow fibre membranes, developed by photografting, to treatment of anionic dye solutions,Journal of Membrane Science,Vol. 297,pp. 243,2007 04 01,JCR.
44. احمد اکبری,ساندرین دسکلو,جان کریستوف روش,جان کریستوف ریمیژی,Application of nanofiltration hollow fibre membranes, developed by photografting, to treatment of anionic dye solutions,Journal of Membrane Science,Vol. 297,pp. 243,2007 04 01,JCR.
45. احمد اکبری,ساندرین دسکلو,جان کریستوف روش,فیلیپ اپتل,جان کریستوف ریمیژی,New UV-photografted nanofiltration membranes for the treatment of colored textile dye effluents,Journal of Membrane Science,Vol. 286,pp. 342,2006 10 17,JCR.
46. تی گوما بیلینگو,احمد اکبری,مایکل جان کلیفتون,جان کریستوف ریمیژی,Numerical simulation of a UV photografting process for hollow-fiber membranes,Journal of Membrane Science,Vol. 278,pp. 308,2005 12 15,JCR.
47. سی کوسرند,ساندرین رواکس,احمد اکبری,پییر امار,Improvement of a method for the characterization of ultrafiltration membranes by measurements of tracers retention,Journal of Membrane Science,Vol. 238,pp. 177,2004 04 04,JCR.
48. احمد اکبری,ساندرین دسکلو,کریستوف ریمیژی,فیلیپ اپتل,Treatment of textile dye effluents using a new nanofiltration membrane,desalination,Vol. 149,pp. 101,2002 03 11,JCR.
49. احمد اکبری,ساندرین دسکلو,کریستوف ریمیژی,فیلیپ اپتل,Treatment of textile dye effluents using a new nanofiltration membrane,desalination,Vol. 149,pp. 101,2002 03 11,JCR.
50. آرش یونس نیالهی,احمد اکبری,Thin-film composite membranes incorporated with large-area graphene oxide sheets and adjustable surface charges,POLYM ADVAN TECHNOL,0000 00 11,ISI.
51. مهناز امیری ابراهیم اباد,مسعود صلواتی,پرداختی عباس,میثم احمدی,احمد اکبری,Caffeine: A novel green precursor for synthesis of magnetic CoFe2O4 nanoparticles and pH-sensitive magnetic alginate beads for drug delivery,MAT SCI ENG C-MATER,0000 00 11,ISI.
52. حسن کریمی مله,معین شجاعی,فاطمه امینی دهاقانی,احمد اکبری,Analysis of Levodopa in the Presence of Vitamin B6 Using Carbon Paste Electrode Modified with 1-Butyl-3 methylimidazolium Hexafluorophosphate and CuO Nanoparticles,ELECTROANAL,0000 00 11,ISI ,SCOPUS.
53. احمد اکبری,نفیسه استادمرادی,سیدمجید مجللی رستمی ,مریم همایونفال,Role of Organic Acids in Flux Enhancement of Polyamide Nanofiltration Membranes,Chemical Engineering & Technology,0000 00 11,ISI.
54. A. Akbari, M. Hamadanian, M. Bojaran, A. YunessniaLehi, and V. Jabbari,The Role of Solution and Coagulation Temperatures in Crystalline Structure, Morphology, Roughness, Pore Diameter Distribution, and Separation Properties of Nanoporous Membranes Fabricated Via Phase Inversion,Separation Science and Technology,Vol. 47,pp. 1866–1873,2012.
55. Masood Hamadanian, Ahmad Akbari, Vahid Jabbari,Electrospun Titanium Dioxide Nanofibers: Fabrication, Properties and Its Application in Photo-Oxidative Degradation of Methyl Orange

(MO),Fibers and Polymers,Vol. 12,pp. 880-885,2011.
56. Masoud Amini, Mokhtar Arami, Niyaz Mohammad Mahmoodi, Ahmad Akbari,Dye removal from colored textile wastewater using acrylic grafted nanomembrane,Desalination,Vol. 267,pp. 107–113,2011.
57. Maryam Homayoonfal, Ahmad Akbari, Mohammad Reza Mehrnia,Preparation of polysulfone nanofiltration membranes by UV-assisted grafting polymerization for water softening,Desalination,Vol. 263,pp. 217-225,2010.
58. M. Homayoonfal, A. Akbari,,Preparation of polysulfone nano-structured membrane for sulphate ions removal from water,J. Environ. Health. Sci. Eng,Vol. 7,pp. 277-282,2010.
59. A. Akbari, M. Homayonfal and V. Jabbari,Synthesis and characterization of composite polysulfone membranes for desalination in nanofiltration technique,Water Science and Technology (WST),Vol. 62,pp. 2655-2663,2010.
60. M. Amini, M. Homayoonfal, M. Arami, A. Akbari,Modification and characterization of prepared polysulfone ultrafiltration membranes via photografted polymerization: Effect of different additives,Desalination and Water Treatment,Vol. 9,pp. 43-48,2009.
61. A. Akbari, M. Homayoonfal,,Fabrication of Nanofiltration Membrane from Polysulfone Ultrafiltration Membrane Via Photo Polymerization,International Journal of Nanoscience and Nanotechnology (IJNN),Vol. 5,pp. 43-51,2009.
62. M. Amini, M. Arami, A. Akbari, N. M. Mahmoodi,Preparation of Nanofiltration Membranes via UV Photo-grafting Technique for Separation of Acid Dyes at Different pH Values,Color.Sci. Tech,Vol. 2,pp. 237-247,2008.
63. A. Akbari, S. Desclaux, J.C. Rouch, J.C. Remigy,Application of nanofiltration hollow fibre membranes, developed by photografting, to treatment of anionic dye solutions,J. Membr. Sci,Vol. 297,pp. 243-252,2007.
64. A. Akbari, S. Desclaux, J.C. Rouch, J.C. Remigy, P. Aptel,New UV-photografted nanofiltration membranes for the treatment of colored textile dye effluents,J. Membr. Sci,Vol. 286,pp. 342-350,2006.
65. T. Goma , Bilongo, A. Akbari, M.J. Clifton and J. , C. Remigy,Numerical simulation of a UV photografting process for hollow-fiber membranes,J. Membr. Sci,pp. 308-317,2006.
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