



Atasheh Soleimani

Associate Professor

Faculty: Color Physics Faculty

Department: Department of Printing Science and Technology

Education

Degree	Graduated in	Major	University
MSc	2000	Petrochemical and Hydrocarbons	The University of Manchester
Ph.D	2004	Colour Chemistry	The University of Manchester
Post Doctoral	2006	Printing and Colour Chemistry	University of Leeds

Employment Information

Faculty/Department	Position/Rank	Employment Type	Cooperation Type	Grade
Department of Colour Printing, Institute for Colour Science and Technology	Associate Professor	Tenured	Full Time	

Papers in Conferences

1. Samane Jafarifard, Saeed Bastani, Atasheh Soleimani Gorgani, Morteza Ganjaee ,Investigating the Effect of a Polyester-amide based Modified Hyperbranched Polymer on Curing Behavior of Low-Viscosity UV-Curable Blend ,11th International Seminar on Polymer Science and Technology ,2014.
2. Mahdi Fasihbeiki, Farhad A Boroumand, Alireza Khademi, Atasheh Soleimani ,& Gorgani ,Improving the electrical properties of polymer solar cells using SWCNT ,22nd Iranian Conference on Electrical Engineering (ICEE) ,2014.
3. Ali Azin, Saeideh Gorji Kandi, Atasheh Soleimani Gorgani ,Modeling ink diffusion within paper to achieve a raggedness ruler for print quality control ,NIP & Digital Fabrication Conference ,2014.
4. Ali Azin, Saeideh Gorji Kandi, Atasheh Soleimani Gorgani ,Introducing a new method for generating test targets to evaluate printing mottle ,NIP & Digital Fabrication Conference ,2014.

Papers in Journals

1. Samane Jafarifard, Saeed Bastani, Atasheh Soleimani Gorgani, Morteza Ganjaee Sari. Effect of Hyperbranched Polymers on Curing Behavior of UV Curable Inks in Inkjet Printing. IRANIAN JOURNAL OF POLYMER SCIENCE AND TECHNOLOGY (PERSIAN). ۲۰۱۶.
2. Atasheh Soleimani و Gorgani. Investigation of added alkali and electrolyte on dyeing nylon ۶.۶ by mono-chlorotriazinyl reactive dye. J. Color Sci. Technol. ۲۰۱۰.
3. Atasheh Soleimani , Gorgani, Jamal Al , Sabahi, Sepideh Akbaripoor Tafreshi Nejad, Maryam Heydari, Mohammed Al , Abri, Arash Namaeighasemi, Visible-light-driven super-active Sn and GO single-and Sn/Cu Co-doped nanophotocatalysts for phenol degradation: Thin-film printability, thermal stability, and cytotoxicity assay, Journal of Industrial and Engineering Chemistry, 25 April 2023.
4. Atasheh Soleimani , gorgani, HE Al , Hazmi, A Esmaeili, S Habibzadeh, Screen-printed Sn-doped TiO₂ nanoparticles for photocatalytic dye removal from wastewater: A technological perspective, Environmental Research, 2023/9/6.
5. Atasheh Soleimani , Gorgani, Jamal Al , Sabahi, Sepideh Akbaripoor Tafreshi Nejad, Maryam Heydari, Mohammed Al , Abri, Arash Namaeighasemi, Visible-light-driven super-active Sn and GO single-and Sn/Cu Co-doped nanophotocatalysts for phenol degradation: Thin-film printability, thermal stability, and cytotoxicity assay, Journal of Industrial and Engineering Chemistry, 2023/4/25.
6. Ali Goudarzi, Atasheh Soleimani , & Gorgani, Ozan Avinc, Generation of Flexible Multifunctional Electronic Textile Displaying Appropriate Fastness Properties Utilizing Single-Stage Inkjet Printing onto Cotton Fabric Pre-treated with PVC, Fibers and Polymers, 2023/2/22.
7. Sepideh Akbaripoor Tafreshi Nejad, Atasheh Soleimani , & Gorgani, Malihe Pishvaei, Multifunctional screen-printed films using polymer nanocomposite based on PPy/TiO₂: conductive, photocatalytic, self-cleaning and antibacterial functionalities, Iranian Polymer Journal, 2023/2/21.
8. Atasheh Soleimani , gorgani, HE Al , Hazmi, A Esmaeili, S Habibzadeh, Screen-printed Sn-doped TiO₂ nanoparticles for photocatalytic dye removal from wastewater: A technological perspective, Environmental Research, 2023-10.
9. Ali Goudarzi, Atasheh Soleimani , & Gorgani, Ozan Avinc, Generation of Flexible Multifunctional Electronic Textile Displaying Appropriate Fastness Properties Utilizing Single-Stage Inkjet Printing onto Cotton Fabric Pre-treated with PVC, Fibers and Polymers, 2023 02 25.
10. Atasheh Soleimani , & Gorgani, Ozan Aince, Reyhaneh Alborz, Sustainable antibacterial cotton fabrics with in situ formed silver nanoparticles by bio-inkjet printing, Journal of Cleaner Production, 2022/12/30.
11. Zohreh Karami, Atasheh Soleimani , Gorgani, G. Reza Vakili , Nezhaad, Farzaneh Arabpour Roghabadi, A layer-by-layer green inkjet printing methodology for developing indium tin oxide (ITO)-based transparent and conductive nanofilms, Journal of Cleaner Production, 2022/10/3.
12. Atasheh Soleimani , & Gorgani, Farhood Najafi, Fatemeh Mohammadrezaei, Behzad Shirkavand Hadavand, Transparent water-based UV-curable urethane acrylate ink-jet ink, International Journal of Polymer Analysis and Characterization, 2021/4/3.
13. F Talavar, A Soleimani , & Gorgani, M Ghahari, R Jafari, Water-based ink-jet ink based on nano Ni and Sb doped TiO₂ prepared for printing on ceramics, Journal of Asian Ceramic Societies, 2021/1/2.
14. Vahideh Yekefallah, Atasheh Soleimani , & Gorgani, Shohre Rouhani Farhoud Najafi, Ink-jet Printing for the Fabrication of a Flexible Electrochromic Device Based on the Water-Soluble Viologen-Functionalized Dendrimer, Journal of Electrochemical Science and Technology, 2021/1/13.
15. Atasheh Soleimani , & Gorgani, Reihane Alborz, Green synthesis of nanoparticles for using as antibacterial materials, Journal of Biosafety, 2020/6/10.
16. Sepideh Akbaripoor Tafreshinejad, Malihe Pishvaei, Atasheh Soleimani , & Gorgani, Synthesis of antibacterial conductive polypyrrole/titanium dioxide core-shell nanocomposites, Synthesis of antibacterial conductive polypyrrole/titanium dioxide core-shell nanocomposites, 2020/3.
17. Hamidreza Kermaninejad, Farhood Najafi, Atasheh Soleimani-Gorgani, Encapsulation of flexible organic light emitting diodes by UV-cure epoxy siloxane, Journal of Applied Polymer Science, 2019.
18. Atasheh Soleimani , & Gorgani, Co-solvents roles in PEDOT:PSS ink-jet inks, Advances in Natural Sciences: Nanoscience and Nanotechnology, 2018.

19. Fatemeh Esmaeili, Mehdi Ghahari, Mahdi Shafiee Afarani & Atasheh Soleimani, Synthesis of ZnS–Mn nano-luminescent pigment for ink applications, *Journal of Coatings Technology and Research*, 2018.
20. Atasheh Soleimani, & Gorgani, Zohreh Karami, The effect of biodegradable organic acids on the improvement of cotton ink-jet printing and antibacterial activity, *Fibers and Polymers*, 2016.
21. Paria Moarref, Malihe Pishvaei, Atasheh Soleimani, & Gorgani, Farhood Najafi, Synthesis of polypyrrole/indium tin oxide nanocomposites via miniemulsion polymerization, *Designed Monomers and Polymers*, 2016.
22. Samane Jafarifard, Saeed Bastani, Atasheh Soleimani, & Gorgani, Morteza Ganjaee Sari, The chemorheological behavior of an acrylic based UV-curable inkjet ink: Effect of surface chemistry for hyperbranched polymers, *Progress in Organic Coatings*, 2016.
23. Atasheh Soleimani, & Gorgani, Farhood Najafi, Zohreh Karami, Modification of cotton fabric with a dendrimer to improve ink-jet printing process, *Carbohydrate polymers*, 2015.
24. Masoud Peymannia, Atasheh Soleimani, & Gorgani, Mehdi Ghahari, Mojtaba Jalili, The effect of different dispersants on the physical properties of nano CoAl₂O₄ ceramic ink-jet ink, *Ceramics International*, 2015.
25. Atasheh Soleimani, & Gorgani, Mehdi Ghahari, Masoud Peymannia, In situ production of nano-CoAl₂O₄ on a ceramic surface by ink-jet printing, *Journal of the European Ceramic Society*, 2015.
26. A Soleimani, & Gorgani, M Jalili, Evaluating the effect of reactive dye structure and penetrant type on the fastness of ink-jet prints, *Progress in color, colorant and coatings*, 2014.
27. Atasheh Soleimani, & Gorgani, Ehsan Bakhshandeh, Farhood Najafi, Effect of dispersant agents on morphology and optical–electrical properties of nano indium tin oxide ink-jet ink, *Journal of the European Ceramic Society*, 2014.
28. Masoud Peymannia, Atasheh Soleimani, & Gorgani, Mehdi Ghahari, Farhood Najafi, Production of a stable and homogeneous colloid dispersion of nano CoAl₂O₄ pigment for ceramic ink-jet ink, *Journal of the European Ceramic Society*, 2014.
29. Atasheh Soleimani, & Gorgani, Mojtaba Jalili, Effect of Ink Formulation and Paper Surface Morphology on Ink-jet Printing Properties, *Progress in Color, Colorants and Coatings*, 2014.
30. A Soleimani, & Gorgani, N Shakib, The effect of reactive dye structure on the ink-jet printing of cotton, *Process Color Colorants Coating*, 2014.
31. Atasheh Soleimani Gorgani, Najva Shakib, Single-phase ink-jet printing onto cotton fabric, *Coloration Technology*, 2013.
32. Atasheh Soleimani, & Gorgani, A REVIEW ON REACTIVE DYES, *JOURNAL OF COLOR SCIENCE AND TECHNOLOGY*, 2012.
33. Maryam Hosseini Zori, Atasheh Soleimani, & Gorgani, Ink-jet printing of micro-emulsion TiO₂ nanoparticles ink on the surface of glass, *Journal of the European Ceramic Society*, 2012.
34. A Soleimani, & Gorgani, M Jalili, Ink-Jet printing cotton with cationic reactive dye based inks, *Progress in Color, Colorants and Coatings*, 2012.
35. Atasheh Soleimani, & Gorgani, Malihe Pishvaei, Water fast ink Jet print using an acrylic/nano-silver ink, *PROGRESS IN COLOR, COLORANTS AND COATINGS*, 2011.
36. A Soleimani, & Gorgani, JA Taylor, Study of desalination and changing the counter ion of monochlorotriazinyl reactive dye on dyeing nylon 6.6, *Prog. Color Colorants Coat*, 2011.
37. Atasheh Soleimani-Gorgani, John A Taylor, Synthesis and evaluation of a novel blue cationic reactive dye for modified nylon 6.6 'Tactel Coloursafe', *Coloration Technology*, 2011.
38. A Soleimani, & Gorgani, JA Taylor, Dyeing of nylon with reactive dyes. Part 3: Cationic reactive dyes for nylon, *Dyes and Pigments*, 2008.
39. A Soleimani, & Gorgani, JA Taylor, Dyeing of nylon with reactive dyes. Part 1. The effect of changes in dye structure on the dyeing of nylon with reactive dyes, *Dyes and pigments*, 2006.
40. A Soleimani, & Gorgani, JA Taylor, Dyeing of nylon with reactive dyes. Part 2. The effect of changes in level of dye sulphonation on the dyeing of nylon with reactive dyes, *Dyes and pigments*, 2006.

41. Chahira Makhlouf, Chiraz Kacem, Sadok Roudesli, Faouzi Sakli, A Anthoulas, SM Burkinshaw, JR Aspland, W Baumann, BT Groebel, M Kraye, HP Oesch, R Brossman, N Kleinemeier, AT Leaver, VF Bela, A Bhattacharya, BN Misra, J Buchenska, SM Burkinshaw, SM Burki, Dyeing properties of blends of wool/modified polyester fibers-effects of temperature., Journal of Applied Sciences, 1990.