

## References

1. Xing XB, Wang YQ, Li BJ. Nanofiber drawing and nanodevice assembly in poly(trimethylene terephthalate), *Optics Express*, 2008; 16, 14: 10815–10822.
2. Feng L, Li S, Li H, Zhai J, Song Y, Jiang L, Zhu D. Super-Hydrophobic Surface of Aligned Polyacrylonitrile Nanofibers, *Angewandte Chemie* (International ed. in English), 2002; 41, 7.
3. Ma PX, Zhang R J. Synthetic nano-scale fibrous extracellular matrix. *Biomed Mat Res* 1999; 46: 60–72.
4. Niece KL, Hartgerink JD, Donners JJM, Stupp SI. Self-assembly combining two bioactive peptide-amphiphile molecules into nanofibers by electrostatic attraction. *Journal of the American Chemical Society*, 2003; 125, 24: 7146–7147.
5. Ellison CJ, Phatak A, Giles DW, Macosko CW, Bates FS. Melt blown nanofibers: fiber diameter distributions and onset of fiber breakup, *Polymer* 2007; 48, 3306-3316.
6. Świątek J, Jarzebowski J, Cichon J. Investigation of Fibre Diameter Distribution in Non - Woven Textiles for Medical Applications in Melt-Blown Polyester Technology. *Fibers and Textiles in Eastern Europe* 2008; 16, 3(68): 14-16.
7. Mazoochi T, Hamadani M, Ahmadi M, Jabbari V. Investigation on the morphological characteristics of nanofibrous membrane as electrospun in the different processing parameters. *International Journal of Industrial Chemistry*, 2012; 3, 2: 1-8.
8. Ioannis S, Chronakis. Novel nanocomposites and nanoceramics based on polymer nanofibers using electrospinning process—A review. *Journal of Materials Processing Technology* 2005; 167: 283-293.
9. Tucker T, Stanger JJ, Staiger MP, Kofman K. The history of the science and technology of electrospinning from 1600 to 1995. *International Istanbul Textile Congress 2013*, Book of Proceedings, 2013, Istanbul, Turkey, pp. 1-7.
10. Cooley JF. *Improved methods of and apparatus for electrically separating the relatively volatile liquid component from the component of relatively fixed substances of composite fluids*. United Kingdom Patent 6385, UK, 19<sup>th</sup> May 1900.
11. Melcher JR, Warren EP. Electrohydrodynamics of a current-carrying semi-insulating jet. *Journal of Fluid Mechanics* 1971; 47: 127-143.
12. Yener F, Jirsak O. Fabrication and optimization of polyvinyl butyral nanofibres produced by roller electrospinning, *12th Autex World Textile Conference*, Book of Proceedings, Zadar, Croatia 2012, pp. 251-256.
13. Huang ZM, Zhang YZ, Kotaki M, Ramakrishna S. A review on polymer nanofibers by electrospinning and their applications in nanocomposites. *Composites Science and Technology* 2003; 63: 2223-2253.
14. Šukytė J, Adomavičiūtė E, Milašius R. Investigation of the possibility of forming nanofibres with potato starch, *Fibres and Textiles in Eastern Europe* 2010; 18, 5: 24-27.
15. Chowdhury M, Stylios G. Effect of experimental parameters on the morphology of electrospun Nylon 6 fibres, *International Journal of Basic and Applied Sciences* 2010; 10, 6: 116-131.
16. Adomavičiūtė E, Stanys S, Banuške-vičiūtė A, Milašius R. Influence of the Shape of the Bottom Rotating Electrode on the Structure of Electrospun Mats. *Fibres and Textiles in Eastern Europe* 2010; 18, 6: 49-53.
17. Theron S A, Zussman E, Yarin A L. Experimental investigation of the governing parameters in the electrospinning of polymer solutions. *Polymer* 2004; 45: 2017-2030.
18. Heunis T, Bshena O, Klumperman B, Dicks L. Release of Bacteriocins from Nanofibers Prepared with Combinations of Poly(D,L-lactide) (PDLA) and Poly(Ethylene Oxide) (PEO). *International Journal of Molecular Sciences* 2011; 12: 2158-2173 DOI:10.3390/ijms12042158.
19. Dosunmu OO, Chase GG, Kataphinan W, Reneker DH. Electrospinning of polymer nanofibres from multiple jets on a porous tubular surface. *Nanotechnology* 2006; 17: 1123-1127.

20. Jaworek A, Krupa A, Lackowski M, Sobczyk AT, Czech T, Ramakrishna S, Sundarrajan S, Pliszka D. Electrospinning and Electrospaying Techniques for Nanocomposite Non-Woven Fabric Production. *Fibers and Textiles in Eastern Europe* 2009; 17, 4: 77-81.
21. Newehy MH, Deyab SS, Kenawy R, Megeed AA. Nanospider Technology for the Production of Nylon-6 Nanofibers for Biomedical Applications. *Journal of Nanomaterials* 2011, Article ID 626589, 8 pages DOI:10.1155/2011/626589.
22. Yanilmaz M, Kalaoglu F, Karakas H. Investigation on the Effect of Process Variables on Polyurethane Nanofibre Diameter Using a Factorial Design. *Fibers and Textiles in Eastern Europe*, 2013; 21, 2(98): 19-21; Molnar K, Jedlovszky-Hajdu A, Czobel M, Weber Gy, Zrinyi M. *International Istanbul Textile Congress 2013*, Book of Proceedings, Istanbul, Turkey, 2013 pp. 1-6.
23. Molnar K, Jedlovszky-Hajdu A, Czobel M, Weber Gy, Zrinyi M. Electrospun crosslinked poly(amino acid) based nanofibers for tissue engineering *International Istanbul Textile Congress 2013*, Book of Proceedings, Istanbul, Turkey, 2013 pp. 1-6.
24. Aluigi A, Vineis C., Varesano A, Mazzuchetti G, Ferrero F, Tonin C. Structure and properties of keratin/PEO blend nanofibres. *European Polymer Journal* 2008; 44: 2465-2475.
25. Almeida LKS, Chigome S, Torto N, Frost CL, Pletschke BI. A novel colorimetric sensor strip for the detection of glyphosate in water. *Sensors and Actuators B: Chemical* 2015; 206: 357-363.
26. Ragaišienė A, Rukuižienė Ž, Mikučionienė D, Milašius R. Insertion of Electrospun Nanofibres into the Inner Structure of Textiles. *Fibres and Textiles in Eastern Europe* 2014; 22, 6(108): 59-62.
27. Tan DH, Zhou C, Ellison CJ, Kumar S, Macosko CW, Bates FS. Meltblown fibers: Influence of viscosity and elasticity on diameter distribution. *Journal of Non-Newtonian Fluid Mechanics* 2010; 165: 892-900.
28. Varabhas JS, Chase GG, Reneker DH. Electrospun nanofibers from a porous hollow tube. *Polymer* 2008; 49: 4226-4229.
29. Malašauskienė J, Milašius R. Mathematical analysis of the diameter distribution of electrospun nanofibres. *Fibres and Textiles in Eastern Europe* 2010; 18, 6(83): 45-48.
30. Tsimpliaraki A, Zuburtikudis I, Marras SI, Panayiotou C. Optimizing the nanofibrous structure of non-woven mats of electrospun bio-degradable polymer nanocomposites. *Latest Advances in High Tech Textiles and Textile-Based Materials*, Book of Proceedings, Ghent, Belgium, 2009, pp. 128-133.
31. Leaf GAV. *Practical Statistics for the Textile Industry: Part I*, 1984.
32. Casasola R, Thomas NL, Trybala A, Georgiadou S. Electrospun poly lactic acid (PLA) fibres: Effect of different solvent systems on fibre morphology and diameter. *Polymer* 2014; 55: 4728-473.
33. Malašauskienė J, Milašius R. Short-cut method of electrospun nanofibres diameter distribution estimation. *Magic World of Textiles: 6th international textile clothing & design conference*, Book of Proceedings, Dubrovnik, Croatia, 2012, pp. 522-525.
34. Malašauskienė J, Milašius R. Investigation and Estimation of Structure of Web from Electrospun Nanofibres. *Journal of Nanomaterials* 2013, Article ID 416961, DOI: 10.1155/2013/416961.
35. Milašius R, Malašauskienė J. Evaluation of Structure Quality of Web from Electrospun Nanofibres. *Autex Research Journal* 2014; 14, 4: 233-238 DOI: 10.2478/aut-2014-0023.
36. Mahadevan S, Rajiv S. Antibiotic wound dressings. Society of Plastics Engineers, *Plastics Research Online*, 10.2417spepro.005485.
37. Casasola R., Thomas N L. Georgiadou S. Effect of Solvent Systems on Electrospun Polymeric Fibres: Preliminary Study on PolyLactid Acid (PLA). *International Istanbul Textile Congress 2013*, Book of Proceedings, Istanbul, Turkey, 2013.
38. Deitzel JM, Kleinmeyer J, Harris D, Tan N C B. The effect of processing variables on the morphology of electrospun nanofibers and textiles. *Polymer* 2001; 42: 261-272.
39. Yan X, Gevelber M. Investigation of Electrospun Fiber Diameter Distribution and Process Dynamics. Conference presentation, Session paper, 2009.
40. Engstrom J, Hagstrom B. Centrifugal spinning of Nanofiber Webs- A Parameter Study of a Novel spinning Process. *The Nordic Textile Journal* 2009: 82-91.

41. Gu S, Wu Q, Ren J. Preparation and surface structures of carbon nanofibers produced from electrospun PAN precursors. *New Carbon Materials* 2008; 23, 2: 171–176.
42. Aluigi A, Tonetti C, Rombaldoni F, Varesano A, Vineis C, Mazzuchetti G. Methylene Blue Removal from Aqueous Solution by Keratin Nanofibres. *Autex World Textile Conference Book of Proceedings*, Zadar, Croatia, 2012.
43. Buer A, Ugbolue SC, Warner SB. Electrospinning and Properties Some Nanofibers. *Textile Research Journal* 2001; 71, 4: 323-328.
44. Krifa M, Yuan W. Morphology and pore size distribution of electrospun and centrifugal forcespun nylon 6 nanofiber membranes. *Textile Research Journal* 0(00) 1–13, DOI: 10.1177/0040517515609258,
45. Kedem S, Schmidt J, Paz Y, Cohen Y. Composite Polymer Nanofibers with Carbon Nanotubes and Titanium Dioxide Particles. *Langmuir* 2005; 21, 12: 5600-5604.