

## References

1. Lee Y-S, Im JS. *Preparation of functionalised nanofibers and their applications*. Ed. by Ashok Kumar, ISBN 978-953-7619-86-2, 2010, pp. 438, INTECH, Croatia, downloaded from SCIYO.COM: 121-138.
2. Lee KJ, Shiratori N, Lee GH, Miyawaki J, Mochida I, Yoon S-H, Jang J. Activated carbon nanofiber produced from electrospun polyacrylonitrile nanofiber as a highly efficient formaldehyde adsorbent. *Carbon* 2010; 48: 4248-4255.
3. Oh G-Y, Ju Y-W, Kim M-Y, Jung H-R, Kim H-J, Lee W-J. Adsorption of toluene on carbon nanofibers prepared by electrospinning. *Science of the Total Environment* 2008; 393: 341-347.
4. Chronakis IS. Novel nanocomposites and nanoceramics based on polymer nanofibers using electrospinning process – A review. *Journal of Materials Processing Technology* 2005; 167: 283-293.
5. Zhu Y, Zhang JCh, Zhai J, Zheng YM, Feng L, Jiang L. Multifunctional carbon nanofibers with conductive, magnetic and superhydrophobic properties. *A European Journal of Chemical Physics and Physical Chemistry* 2006; 7: 336-341.
6. Chung GS, Jo SM, Kim BC. Properties of carbon nanofibers prepared from electrospun polyimide. *Journal of Applied Polymer Science* 2005; 97: 165-170.
7. Liu W, Adanur S. Properties of electrospun polyacrylonitrile membranes and chemically-activated carbon nanofibers. *Textile Research Journal* 2010; 80: 124-134.
8. Sakurai H, Kitahara M, Hirata M, Sawaki T. Method for the manufacturing of fibrous activated carbon and nonwoven fabric made of same. EP Patent No.: 1666649, 2006.
9. Lillo-Ródenas MA, Cazorla-Amorós, Linares-Solano A. Behaviour of activated carbons with different pore size distributions and surface oxygen groups for benzene and toluene adsorption at low concentrations. *Carbon* 2005; 43: 1758-1767.
10. Ding B, Wang M, Wang X, Yu J, Sun G. Electrospun nanomaterials for ultrasensitive sensors. *Materials Today* 2010; 13: 16-27.
11. Boskovic BO, Golovko VB, Cantoro M, Kleinsorge B, Chuang ATH, Ducati C, Hofmann S, Robertson J, Johnson BFG. Low temperature synthesis of carbon nanofibre on carbon fibre matrices. *Carbon* 2005; 43: 2643-2648.
12. Zhang W-D, Zhang W-H. Carbon nanotubes as active components for gas sensors. *Journal of Sensors* 2009; Article ID 160698.
13. Wang Y, Yeow JTW. A review of carbon nanotubes-based gas sensors. *Journal of Sensors* 2009; ID 493904. doi:10.1155/2009/493904.

14. Krucińska I, Skrzetuska E, Urbaniak-Domagała W. Printing textiles with chemical sensor properties. *Fibres & Textiles in Eastern Europe* 2014; 22: 68-72.
15. Krucińska I, Surma B, Chrzanowki M, Skrzetuska E, Puchalski M. Application of melt-blown technology in the manufacturing of a solvent vapor-sensitive, non-woven fabric composed of poly(lactic acid) loaded with multi-walled carbon nanotubes. *Textile Research Journal* 2013; 83: 859. DOI:10.1177/0040517512460293. <http://trj.sagepub.com/content/83/8/859>.
16. Gliścińska E, Babcik K. Preparation of activated carbon fibres from electrospun polyacrylonitrile fibre mat and characterisation of their chemical and structural properties. *Fibres & Textiles in Eastern Europe* 2013; 21, 3(99): 42-47.
17. <http://www.sigmaaldrich.com/chemistry/solvents/products.html?TablePage=17292420>.
18. Klata E, Babcik K, Krucińska I. Preliminary investigation into carbon nanofibres for electrochemical capacitors. *Fibres & Textiles in Eastern Europe* 2005; 13, 1 (49): 32-34.
19. Cengiz F, Krucińska I, Gliścińska E, Chrzanowski M, Göktepe F. Comparative analysis of various electrospinning methods of nanofibre formation. *Fibres & Textiles in Eastern Europe* 2009; 17, 1(72):13-19.
20. Krucińska I, Gliścińska E, Chrzanowski M, Komisarczyk A. Multi-nozzle laboratory stand for electrospinning process. In: *Autex 2010. 10<sup>th</sup> World Textile Conference*, Vilnius, Lithuania.
21. Wang X, Fu X, Chung DDL. Strain sensing using carbon fiber. *Journal of Materials Research* 1999; 14: 790-802.
22. Skrzetuska E, Puchalski M, Krucińska I. Chemically driven printed textile sensors based on graphene and carbon nanotubes. *Sensors* 2014; 14: 16816-16828.
23. <http://en.wikipedia.org/wiki/Solvent>. 25.02.2015.