

References

1. Zhu D J, Ma T, Liu W H. Experimental study on electrical heating technology utilizing carbon fiber tape. *Journal of Hunan University (Natural Sciences)* 2016; 43: 131-136.
2. Frid S E, Arsatov AV, Oshchepkov M Y. Engineering Solutions for Polymer Composites Solar Water Heaters Production. *Thermal Engineering* 2016; 63: 399-403.
3. Ghelich R, Aghdam R M, Torknik F S, Jahannama M R, Keyanpour-Rad M. Carbothermal Reduction Synthesis of ZrO₂ Nanofibers via Pre-Oxidized Electrospun Zirconium N-Propoxide. *Ceramics International* 2015; 41: 6905-6911.
4. Alam M, Singh H, Suresh S, Redpath D A G. Energy and Economic Analysis of Vacuum Insulation Panels (VIPs) used in Non-Domestic Buildings. *Applied Energy* 2017; 188: 1-8.
5. Liu Y J, Sun J R, Zhao X M. A Study of the Development and Properties of Carbon Fiber Bulk Yarns. *Journal of the Textile Institute* 2019; 110(8): 1152-1158.
6. Zhao X, Liu Y, Liu G. Production of Carbon Fibre Bulked Yarns by the Airflow Dispersion Method. *FIBRES & TEXTILES in Eastern Europe* 2017; 25, 6(126): 34-40. DOI: 10.5604/01.3001.0010.5366.
7. Liu S P, Han K Q, Chen L, Zheng Y, Yu M H. Influence of Air Circulation on the Structure and Properties of Melt-Spun PAN Precursor Fibers During Thermal Oxidation. *RSC Advances* 2015; 5: 37669-37674.
8. Tomboulia B N, Hyers R W. Predicting the Effective Emissivity of an Array of Aligned Carbon Fibers using the Reverse Monte Carlo Ray-Tracing Method. *Journal of Heat Transfer-Transactions of the Asme* 2017; 139, 012701.
9. Vo L T T, Navard P. Treatments of Plant Biomass for Cementitious Building Materials - A Review. *Construction and Building Materials* 2016; 121: 161-176.
10. Takahashi F, Abbott A, Murray T M, T'ien J S, Olson S L. Thermal Response Characteristics of Fire Blanket Materials. *Fire and Materials* 2014; 38, 609-638.
11. Trautwein G, Plaza-Recobert M, Alcaniz-Monge J. Unusual Pre-Oxidized Polyacrylonitrile Fibres Behaviour Against their Activation with CO₂: Carbonization Effect. *Adsorption-Journal of The International Adsorption Society*, 2016; 22: 223-231.
12. Zhai Y J, Peng Z J, Ren X B, Wang C H, Qi L H, Miao H Z. Effect of in-Situ Transformed Pre-Oxidized Polyacrylonitrile Fibers on the Microstructure and Mechanical Properties of TiCN-Based Cermets. *Rare Metal Materials and Engineering* 2015; 44, 731-734.
13. Williams J, Lawrence M, Walker P. A Method for the Assessment of the Internal Structure of Bio-Aggregate Concretes. *Construction and Building Materials* 2016; 116, 45-51.
14. Zargham S, Bazgir S, Katbab A A, Rashidi A. High-Quality Carbon Nanofiber-Based Chemically Preoxidized Electrospun Nanofiber. *Fullerenes, Nanotubes and Carbon Nanostructures* 2015; 23: 1008-1017.
15. Cheng H M, Hong C Q, Zhang X H, Xue H F, Meng S H, Han J C. Super Flame-Retardant Lightweight Rime-Like Carbon-Phenolic Nanofoam. *Scientific Reports*, 2016; 6, 33480.

16. Zhao X, Liu Y, Liang T. Influence of the Needle Number on the Heat Insulation Performance of Pre-oxidized Fibre Felts. *FIBRES & TEXTILES in Eastern Europe* 2018; 26, 3(129): 80-86. DOI: 10.5604/01.3001.0011.7307.
17. Liu Y J, Liu X L, Li J M, Liang T L, Zhao X M. A Study of the Heat Insulation Performance of Pre-Oxidized Fiber Felts of Silica Aerogel/Silicon Carbide Composite Coatings. *Journal of the Textile Institute* 2019; 110(9): 1293-1298.
18. Cheng H M, Xue H F, Hong C Q, Zhang X H. Preparation, Mechanical, Thermal And Ablative Properties of Lightweight Needled Carbon Fibre Felt/Phenolic Resin Aerogel Composite with a Bird's Nest Structure. *Composites Science and Technology* 2017; 140, 63-72.
19. Gao L L, Lu H Y, Lin H B, Sun X Y, Xu J L, Liu D C, Li Y. KOH Direct Activation for Preparing Activated Carbon Fiber from Polyacrylonitrile-Based Pre-Oxidized Fiber. *Chemical Research in Chinese Universities* 2014; 30, 441-446.
20. Gao C, Huang L, Yan L B, Kasal B, Li W G. Behavior of Glass and Carbon FRP Tube Encased Recycled Aggregate Concrete with Recycled Clay Brick Aggregate. *Composite Structures* 2016; 155: 245-254.
21. Liu S P, Han K Q, Chen L, Zheng Y, Yu M H, Li J Q, Yang Z. Influence of External Tension on the Structure and Properties of Melt-Spun PAN Precursor Fibers During Thermal Oxidation. *Macromolecular Materials and Engineering* 2015; 300: 1001-1009.
22. Shakir A S, Guan Z W, Jones S W. Lateral Impact Response of the Concrete Filled Steel Tube Columns with and without CFRP Strengthening. *Engineering Structures* 2016; 116: 148-162.