# Stanislaw Blazewicz

List of Publications by Year
in descending order



| 36 | 672 | 567281 15 | 610901 24 |
|---|---|---|---|
| papers | citations | h-index | g-index |

| 37 | 37 | 37 | 1038 |
|---|---|---|---|
| all docs | docs citations | times ranked | citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Bioactive Polymer/Hydroxyapatite (Nano)composites for Bone Tissue Regeneration. Advances in Polymer Science, 2010, , 97-207. | 0.8 | 78 |
| 2 | Effect of MWCNT surface and chemical modification on in vitro cellular response. Journal of Nanoparticle Research, 2012, 14, 1181. | 1.9 | 56 |
| 3 | Comparative study of the structure and microstructure of PAN-based nano- and micro-carbon fibers. Ceramics International, 2016, 42, 11603-11610. | 4.8 | 40 |
| 4 | Mechanical and thermal properties of carbon-nanotube-reinforced self-healing polyurethanes. Journal of Materials Science, 2017, 52, 12221-12234. | 3.7 | 35 |
| 5 | Some Observations on Carbon Nanotubes Susceptibility to Cell Phagocytosis. Journal of Nanomaterials, 2011, 2011, 1-8. | 2.7 | 29 |
| 6 | Mechanical and thermal properties of C/C composites modified with SiC nanofiller. Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing, 2018, 716, 220-227. | 5.6 | 29 |
| 7 | PLA-Based Hybrid and Composite Electrospun Fibrous Scaffolds as Potential Materials for Tissue Engineering. Journal of Nanomaterials, 2017, 2017, 1-11. | 2.7 | 27 |
| 8 | Analysis of the carbonization and formation of coal tar pitch mesophase under dynamic conditions. Carbon, 2003, 41, 2413-2424. | 10.3 | 25 |
| 9 | Carbon fibers modified with carbon nanotubes. Journal of Materials Science, 2009, 44, 4721-4727. | 3.7 | 20 |
| 10 | Degradation Behavior of Electrospun PLA and PLA/CNT Nanofibres in Aqueous Environment. Journal of Nanomaterials, 2018, 2018, 1-15. | 2.7 | 19 |
| 11 | De-agglomeration and homogenisation of nanoparticles in coal tar pitch-based carbon materials. Journal of Nanoparticle Research, 2016, 18, 56. | 1.9 | 18 |
| 12 | Study on thermal decomposition processes of polysiloxane polymersâ€"From polymer to nanosized silicon carbide. Journal of Analytical and Applied Pyrolysis, 2009, 86, 375-380. | 5.5 | 17 |
| 13 | Thermal conversion of carbon fibres/polysiloxane composites to carbon fibres/ceramic composites. Ceramics International, 2013, 39, 3795-3802. | 4.8 | 17 |
| 14 | Preparation and Characterization of Nanofibrous Polymer Scaffolds for Cartilage Tissue Engineering. Journal of Nanomaterials, 2015, 2015, 1-9. | 2.7 | 17 |
| 15 | Fatigue behavior and oxidation resistance of carbon/ceramic composites reinforced with continuous carbon fibers. Ceramics International, 2015, 41, 7381-7386. | 4.8 | 16 |
| 16 | Influence of different types of carbon nanotubes on muscle cell response. Materials Science and Engineering C, 2015, 46, 218-225. | 7.3 | 16 |
| 17 | Wood-Derived Tar as a Carbon Binder Precursor for Carbon and Graphite Technology. Journal of Wood Chemistry and Technology, 2016, 36, 393-400. | 1.7 | 16 |
| 18 | In vivo biocompatibility assessment of (PTFEâ€"PVDFâ€"PP) terpolymer-based membrane with potential application for glaucoma treatment. Journal of Materials Science: Materials in Medicine, 2010, 21, 2843-2851. | 3.6 | 15 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | Manufacturing and physico-mechanical characterization of carbon nanohorns/polyacrylonitrile nanocomposites. Journal of Materials Science, 2011, 46, 5680-5689. | 3.7 | 15 |
| 20 | Carbon nanofibers-based nanocomposites with silicon oxy-carbide matrix. Ceramics International, 2020, 46, 1040-1051. | 4.8 | 15 |
| 21 | Biological and Mechanical Properties of Nanohydroxyapatiteâ€Containing Carbon/Carbon Composites. International Journal of Applied Ceramic Technology, 2012, 9, 468-478. | 2.1 | 14 |
| 22 | Ceramic coating formation during carbothermic reaction of polysiloxanes with carbon and graphite materials. Materials Chemistry and Physics, 2019, 238, 121908. | 4.0 | 14 |
| 23 | Comparative study of interphase evolution in polysiloxane resin-derived matrix containing carbon micro and nanofibers during thermal treatment. Journal of the European Ceramic Society, 2020, 40, 5205-5216. | 5.7 | 14 |
| 24 | Effect of nanosilicon carbide on the carbonisation process of coal tar pitch. Journal of Analytical and Applied Pyrolysis, 2014, 107, 191-196. | 5.5 | 13 |
| 25 | Catalytic effect of montmorillonite nanoparticles on thermal decomposition of coal tar pitch to carbon. Journal of Analytical and Applied Pyrolysis, 2018, 130, 90-98. | 5.5 | 12 |
| 26 | Catalytic graphene formation in coal tar pitch- derived carbon structure in the presence of SiO2 nanoparticles. Ceramics International, 2018, 44, 3085-3091. | 4.8 | 12 |
| 27 | Mechanical properties of (poly(<scp>L</scp>â€lactideâ€coâ€glycolide))â€based fibers coated with hydroxyapatite layer. Journal of Applied Polymer Science, 2011, 121, 3702-3709. | 2.6 | 11 |
| 28 | A bioresorbable polylactide implant used in bone cyst filling. Journal of Materials Science: Materials in Medicine, 2016, 27, 33. | 3.6 | 11 |
| 29 | Thermomechanical characterisation of coal tar pitch- based carbon containing SiC nanoparticles. Ceramics International, 2017, 43, 8109-8118. | 4.8 | 9 |
| 30 | Study of the Carbonization and Graphitization of Coal Tar Pitch Modified with SiC Nanoparticles. Journal of Nanomaterials, 2017, 2017, 1-6. | 2.7 | 9 |
| 31 | Structural and microstructural study of novel stacked toroidal carbon nanotubes. Micron, 2020, 130, 102816. | 2.2 | 9 |
| 32 | Comparative assessment of the effect of carbon-based material surfaces on blood clotting activation and haemolysis. Diamond and Related Materials, 2013, 40, 89-95. | 3.9 | 7 |
| 33 | Correlation of Acoustic Emission with Fractography in Bending of Glassâ€“Epoxy Composites. Journal of Nondestructive Evaluation, 2020, 39, 1. | 2.4 | 6 |
| 34 | Organosilicon resin-based carbon/ceramic polygranular composites with improved oxidation resistance. Korean Journal of Chemical Engineering, 2018, 35, 1354-1364. | 2.7 | 5 |
| 35 | Histopathological Evaluation of a Hydrophobic Terpolymer (PTFE-PVD-PP) as an Implant Material for Nonpenetrating Very Deep Sclerectomy. , 2015, 56, 5203. | | 3 |
| 36 | Polysulphone composite membranes modified with two types of carbon additives as a potential material for bone tissue regeneration. Bulletin of Materials Science, 2017, 40, 201-212. | 1.7 | 3 |