Hybrid matrices of TiO2 and TiO2–Ag nanofibers with silicone for high water flux photocatalytic degradation of dairy effluent
Research output: Contribution to journal › Journal article – Annual report year: 2016 › Research › peer-review

Hybrid matrices of ZnO nanofibers with silicone for high water flux photocatalytic degradation of dairy effluent
Research output: Contribution to journal › Journal article – Annual report year: 2016 › Research › peer-review

Electrospun NiO, ZnO and composite NiO–ZnO nanofibers/photocatalytic degradation of dairy effluent
Research output: Contribution to journal › Journal article – Annual report year: 2015 › Research › peer-review

Hybrid nanofibers of TiO2-silicone and TiO2-Ag-silicone for high water flux photocatalytic degradation of dairy effluent
Research output: Chapter in Book/Report/Conference proceeding › Conference abstract in proceedings – Annual report year: 2015 › Research › peer-review

Photocatalytic degradation of dairy effluent using AgTiO2 nanostructures/polyurethane nanofiber membrane
Research output: Contribution to journal › Journal article – Annual report year: 2015 › Research › peer-review

Electrospun polyvinyl-alcohol nanofibers as oral fast-dissolving delivery system of caffeine and riboflavin
Research output: Contribution to journal › Journal article – Annual report year: 2013 › Research › peer-review

Influence of temperature on the photodegradation process using Ag-doped TiO2 nanostructures: Negative impact with the nanofibers
Research output: Contribution to journal › Journal article – Annual report year: 2012 › Research › peer-review

Influence of temperature on the photodegradation process using Ag-doped TiO2nanostructures: Negative impact with the nanofibers
Research output: Contribution to conference › Conference abstract for conference – Annual report year: 2014 › Research › peer-review

Influences of Morphology and Doping on the Photoactivity of TiO2 Nanostructures
Research output: Chapter in Book/Report/Conference proceeding › Book chapter – Annual report year: 2014 › Research › peer-review

A simple approach for synthesis, characterization and bioactivity of bovine bones to fabricate the polyurethane nanofiber containing hydroxyapatite nanoparticles
Research output: Contribution to journal › Journal article – Annual report year: 2012 › Research › peer-review

Oxidative stress-mediated cytotoxicity and apoptosis induction by TiO2 nanofibers in HeLa cells
Preparing photochromic nanofibers and animal cells using a photochromic compound of 1′,3′,3′-trimethyl-6-nitrospiro (2H-1-benzopyran-2,2′-indoline)

Preparing poly (caprolactone) micro-particles through solvent-induced phase separation

Titanium Dioxide Nanofibers and Microparticles Containing Nickel Nanoparticles

Zinc oxide's hierarchical nanostructure and its photocatalytic properties

Co3O4–ZnO hierarchical nanostructures by electrospinning and hydrothermal methods

Influences of Silver-Doping on the Crystal Structure, Morphology and Photocatalytic Activity of TiO2 Nanofibers

Nanobiotechnology approach to fabricate polycaprolactone nanofibers containing solid titanium nanoparticles as future implant materials

Point-Bonded electrospun polystyrene fibrous mats fabricated via the addition of poly (butylacrylate) adhesive
Photocatalytic activity of ZnO-TiO2 Hierarchical nanostructure prepared by combined electrospinning and hydrothermal techniques
Research output: Contribution to journal › Journal article – Annual report year: 2010 › Research › peer-review

Physiochemical characterizations of electrospun (ZnO-GeO2) nanofibers and their optical properties
Research output: Contribution to journal › Journal article – Annual report year: 2010 › Research › peer-review

Polymeric nanofibers containing solid nanoparticles prepared by electrospinning and their applications
Research output: Contribution to journal › Journal article – Annual report year: 2010 › Research › peer-review

Self synthesize silver nanoparticles in/on polyurethane nanofibers: Nanobiotechnological approach
Research output: Contribution to journal › Journal article – Annual report year: 2010 › Research › peer-review

Silver Nanofibres by a Novel Electrospinning Process: Nanofibres with Plasmon Resonance in the IR Region and Thermal Hysteresis Electrical Conductivity Features
Research output: Contribution to journal › Journal article – Annual report year: 2010 › Research › peer-review

Titanium oxide nanofibers attached to zinc oxide nanobranches as a novel nanostructure for lithium ion batteries applications
Research output: Contribution to journal › Journal article – Annual report year: 2010 › Research › peer-review

Core-Sheath typed gallium arsenide/PVA composite nanofiber and method of manufacturing the same

Effects of silver content and morphology on the catalytic activity of silver-grafted titanium oxide nanostructure
Research output: Contribution to conference › Paper – Annual report year: 2009 › Research › peer-review

Electrospun Antimicrobial Polyurethane Nanofibers Containing Silver Nanoparticles for Biotechnological Applications
Research output: Contribution to journal › Journal article – Annual report year: 2009 › Research › peer-review

Functionalization of Electrospun Titanium Oxide Nanofibers with Silver Nanoparticles: Strongly Effective Photocatalyst
Research output: Contribution to conference › Paper – Annual report year: 2009 › Research › peer-review

Functionalization of Electrospun Titanium Oxide Nanofibers with Silver Nanoparticles: Strongly Effective Photocatalyst
Research output: Contribution to conference › Paper – Annual report year: 2009 › Research › peer-review

Novel self-assembled amphiphilic poly(ε-caprolactone)-grafted-poly(vinyl alcohol) nanoparticles: hydrophobic and hydrophilic drugs carrier nanoparticles
Research output: Contribution to journal › Journal article – Annual report year: 2009 › Research › peer-review

Photocatalytic activity of ZnO-TiO2 Hierarchical nanostructure prepared by combined electrospinning and hydrothermal techniques
Research output: Contribution to conference › Poster – Annual report year: 2009 › Research › peer-review

Preparation of nanofibers consisting of MnO/Mn3O4 by using the electrospinning technique: Nanofibers do have two band gap energies
Research output: Contribution to journal › Journal article – Annual report year: 2009 › Research › peer-review

Spider-net within the N6, PVA and PU electrospun nanofiber mats using salt addition: Novel strategy in the electrospinning process
Research output: Contribution to journal › Journal article – Annual report year: 2009 › Research › peer-review

Synthesis of polyvinyl alcohol (PVA) nanofibers incorporating hydroxyapatite nanoparticles as future implant materials
Research output: Contribution to journal › Journal article – Annual report year: 2009 › Research › peer-review

Zinc oxide-titanium oxide nanofibers and method of manufacturing the same

Nanofiber web with network structure and method of manufacturing

Physiochemical characterizations of nano-belts consisting of three mixed oxides (Co3O4, CuO and MnO2) prepared by electrospinning technique
Research output: Contribution to conference › Paper – Annual report year: 2008 › Research › peer-review

Physiochemical characterizations of nanobelts consisting of three mixed oxides (Co3O4, CuO and MnO2) prepared by electrospinning technique
Research output: Contribution to conference › Paper – Annual report year: 2008 › Research › peer-review

Physiochemical characterizations of nanobelts consisting of three mixed oxides (Co3O4, CuO and MnO2) prepared by electrospinning technique
Research output: Contribution to conference › Paper – Annual report year: 2008 › Research › peer-review

Silver doped electrospun Titanium Oxide Nanofibers Strongly Effective Photocatalyst
Research output: Contribution to conference › Poster – Annual report year: 2008 › Research › peer-review

Surface plasmon resonances, optical properties and electrical conductivity thermal hysteresis of silver nanofibers produced by electrospinning technique
Mixed oxide consisting of three mixed oxides (Co3O4, CuO and MnO2) prepared by electrospinning technique