

Assoc. Prof. Alper Gürarlan

Personal Information

Email: gurarlan@itu.edu.tr

Web: <https://alpergurarlan.wixsite.com/wearonics>

International Researcher IDs

ORCID: 0000-0001-7641-4611

ScopusID: 36995215500

Yoksis Researcher ID: 250303

Education Information

Doctorate, North Carolina State University, Mechanical & Aerospace Engineering, United States Of America 2015 - 2016

Doctorate, North Carolina State University, Materials Science And Engineering, Fiber And Polymer Science, United States Of America 2011 - 2013

Postgraduate, North Carolina State University, College Of Textiles, Textile Chemistry, United States Of America 2009 - 2011

Undergraduate, Usak University, Faculty Of Engineering, Tekstil Mühendisliği, Turkey 2003 - 2007

Dissertations

Doctorate, Composite and Fiber Applications of Polymers Restructured via Nanoconfinement, North Carolina State University, College Of Textiles, Fiber And Polymer Science, 2015

Postgraduate, Single-Component Nylon-6 Composites, North Carolina State University, College Of Textiles, Textile Chemistry, 2011

Research Areas

Technical Sciences, Textile Engineering and Technology, Textile Materials

Scientific Refereeing

Journal of Inclusion Phenomena (JIPH), SCI Journal, December 2016

Advanced Materials, SCI Journal, November 2016

International Journal of Pharmaceutics, SCI Journal, October 2016

Gels, SCI Journal, September 2016

Applied Surface Science (APSUSC)/, SCI Journal, January 2016

Metrics

Publication: 48

Citation (WoS): 445

Citation (Scopus): 467

H-Index (WoS): 10

H-Index (Scopus): 11

Congress and Symposium Activities

Surface instabilities and Multifunctional Properties of Large Area Monolayer MoS₂, Attendee, United States Of America, 2016

Optimizing MoS₂ for Hydrogen Evolution Through Substrate and Strain Effects, Attendee, United States Of America, 2016

Controlling the Surface Morphology and Multifunctional Properties of Large Area Monolayer MoS₂, Attendee, United States Of America, 2016

Improving Fibers via Processing From or With Their Inclusion Compounds, Attendee, United States Of America, 2015

Controlled Scalable Synthesis and Perfect Transfer of Centimeter Scale Monolayer and Fewlayer MoS₂ Films, Attendee, United States Of America, 2015

Coalesced Poly (ε-caprolactone) Fibers are Stronger, Attendee, United States Of America, 2015

High Quality Transfer of Large-Area Monolayer and Few-Layer MoS₂ Films, Attendee, United States Of America, 2014

Instant Transfer of 2-D MoS₂ Films, Attendee, United States Of America, 2014

Electric-field tuning phonon in single layer WS₂, Attendee, United States Of America, 2014

High Quality Transfer of Large-Area Monolayer and Few-Layer MoS₂ Films, Attendee, United States Of America, 2013

Employing coalesced polymer in self-reinforced composites, Attendee, United States Of America, 2013

Combined Experimental and Simulation Approach to Tailor the Microstructures of Polymer Materials Through Inclusion Complex Formation and Subsequent release, Attendee, United States Of America, 2013

Competitive Threading of Guest Polymers by Host Cyclodextrins: Modelling and Experimental Observations, Attendee, United States Of America, 2012

Competitive Threading of Guest Polymers by Host Cyclodextrins: Modelling and Experimental Observations, Attendee, North Carolina, United States Of America, 2012

Nano-structuring Polymers with Cyclodextrins, Attendee, United States Of America, 2012

Comparative Threading of Guest Polymers by Host Cyclodextrins: Modeling and Experimental Observations, Attendee, United States Of America, 2012

Self-Reinforced PCL/PCL Composites, Attendee, United States Of America, 2012

Self-Reinforced PCL/PCL Composites, Attendee, United States Of America, 2012

Polymers Nano-structured with Cyclodextrins are Telling Us Something, Attendee, North Carolina, United States Of America, 2011

Nylon-6/Nylon-6 Self-Reinforcement Composite. Proceedings, Attendee, United States Of America, 2011

Self-Reinforced Single-Component Polymer Composites, Attendee, United States Of America, 2011

Nylon-6/Nylon-6 Self-Reinforcement Composite. Proceedings, Attendee, United States Of America, 2011

Self-Reinforcement of Polymer Composites, Attendee, United States Of America, 2011