Anıl Incel

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Nationality:
Turkish

Current position:
PhD student at Malmö University – BioCapture Project (the European Union's Horizon 2020 research and innovation programme under the Marie Skłodowska-Curie grant agreement No 722171)

PhD Thesis:
Amino acid sequence and side chain specific synthetic receptors targeting protein phosphorylations

Education:

2014 – 2016 Master of Science (M.Sc.), Department of Materials Science and Engineering, İzmir Institute of Technology, İzmir, Turkey

2009 – 2014 Bachelor of Science (B.Sc.), Department of Chemistry, İzmir Institute of Technology, İzmir, Turkey

Work experience:

November 2013 – December 2016, Researcher about "The Development of Sensing Platform using Triboluminescent/Polymer Composite" at Polymer Chemistry and Materials Engineering Laboratory, İzmir Institute of Technology, İzmir, Turkey

July 2013 – September 2013, Visiting Researcher/Internship about "2D MoS_2 Nanosheets for Electrochemical Glucose Biosensing" at Biosensors and Bioelectronic Centre, Linköping University, Linköping, Sweden

June 2011 – April 2013, Researcher about "Synthesis of CeO_2@SiO_2 core-shell NPs" at Nanomaterials and Polymer Chemistry Laboratory, İzmir Institute of Technology, İzmir, Turkey

Research interest: Polymer Chemistry, Nanomaterials, Bio- and Chemo- Sensors

Published Articles:

During MSc.

[1] İncel, A.; Güner T.; Parlak, O.; Demir, M.M. Null Extinction of Ceria@silica Hybrid Particles: Transparent Polystyrene Composites, *ACS Applied Materials and Interfaces*, 2015, 7, 27539-27546.

[2] Parlak, O.; İncel, A.; Uzun, L.; Turner, A.P.F.; Tiwari, A. Structuring Au nanoparticles on two-dimensional MoS_2 nanosheets for electrochemical glucose biosensors, *Biosensors and Bioelectronics*, 2017, 89, 545-550.

[3] İncel, A.; Reddy, S.M.; Demir, M.M. A New Method to Extend the Stress Response of Triboluminescent Crystals by Using Hydrogels, *Materials Letters*, 2017, 186, 210-213.

[4] İncel A.; Eanes-Emirdağ, M.; McMillen, C.D.; Demir, M.M. Integration of Triboluminescent EuD_4TEA Crystals to Transparent Polymers: Impact Sensor Application, *ACS Applied Materials and Interfaces*, 2017, 9, 6488-6496.

[5] İncel, A.; Varlıklı, C.; McMillen, C.D.; Demir, M.M. Triboluminescent Electrospun Mats with Blue-green Emission under Mechanical Force, *The Journal of Physical Chemistry C*, 2017, 11709-11716.

[6] İncel, A.; Akın, O.; Çağır, A.; Yıldız, Ü.H.; Demir, M.M. Smart Phone Assisted Detection and Quantification of Cyanide in Drinking Water by Paper Based Sensing Platform, *Sensors & Actuators B: Chemical*, 2017, 886-893.

[7] İncel, A.; Demir, M.M. Triboluminescent composite microspheres consisting of alginate and EuD_4TEA crystals, *Sensors & Actuators A: Physical*, 2018, 556-562.

Hobby: Singing, Photography, and Novelist