

RESUME

1.GENERAL INFORMATION

DATE OF ISSUED	28 November 2017
IDENTIFICATION NUMBER	
TITLE NAME SURNAME	Asst. Prof. Volkan Müjdat TIRYAKI
MAIL ADDRESS	Siirt Üniversitesi Mühendislik Fakültesi C Blok Kezer Kampüsü Siirt 56100
BIRTHDAY	1981
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	WORK:+90 484 212 1111-Ext: 3012
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2.EDUCATION

DATE OF GRADUATION	DEGREE	UNIVERSITY-FACULTY- DEPARTMENT
2003	Bachelor's	Istanbul-Engineering-Electronics Engineering
2006	Master of Science	Istanbul- Engineering-Industrial Engineering
2013	Ph.D.	Michigan State-Engineering-Electrical and Computer Engineering

3. ACADEMIC AND PROFESSIONAL EXPERIENCE

INSTITUTION/FOUNDATION	COUNTRY	CITY	DEPARTMENT	JOB	TASK PERIOD
Istanbul University	Turkey	Istanbul	Industrial Engineering	Research Assistant	2004-2008
Siirt University	Turkey	Siirt	Computer Engineering	Assistant Professor	2015-...

4.CERTIFICATES RECEIVED

DATE	NAME OF CERTIFICATE	PERIOD
April 7, 2017	CCNA Routing and Switching: Introduction to Networks	2017

5. PROJECT EXPERIENCE

NAME OF PROJECT	INSTITUTION/ FOUNDATION	BUDGET	DATE	JOB	TYPE OF PROJECT	ARDEB NUMBER
Co-Cu-B ve Co-Cu-B-F Katalizörleri Varlığında Sodyum Borhidrürün Metanolizinden Hidrojen Üretimi	Siirt University		2017	Research Scholar	Research	
Nanoscale Cues for Regenerative Neural Cell Systems	National Science Foundation	-	2014	Research Assistant	Research	-

6 . OTHER ACADEMIC ACTIVITIES (Referee / Consultancy / Editing Experience)

Number of counseling you have done for articles / reviews registered in international indexes in the recent year	1
The number of consultancy you have done for the projects in the recent year	-
Total number of citations received by your publications	25
Number of students you have counseling	
	Completed On-going
Master	1 4
PhD	-
Expertise	-
Other Activities (Work / responsibility / membership etc.)	
Thesis Supervised (Completed)	Radiation Characteristics of Parabolic Reflector Antennas

7.PUBLICATIONS

SCI, SSCI, AHCI Index Articles Published in the Journals	
Tiryaki VM, Ayres VM, Ahmed I, Shreiber DI. A novel quantitative volumetric spreading index definition and assessment of astrocyte spreading in vitro. Cytometry A. 2017 Aug; 91(8):794-799. doi: 10.1002/cyto.a.23183.	

Tiryaki Volkan Müjdat, Ayres Virginia M, Ahmed Ijaz, Shreiber David I (2015). Differentiation of reactive-like astrocytes cultured on nanofibrillar and comparative culture surfaces. <i>Nanomedicine</i> , 10(4), 529-545., Doi: 10.2217/nnm.14.33.	
Tiryaki Volkan Müjdat, Usienemfon Adia Nimuwa, Ayres Virginia M, Ahmed Ijaz, Shreiber David I (2015). Texture-based segmentation and a new cell shape index for quantitative analysis of cell spreading in AFM images. <i>Cytometry Part A</i> , 87(12), 1090-1100., Doi: 10.1002/cyto.a.22739.	
Tiryaki, Volkan Müjdat, Ayres Virginia M, Khan Adeel A, Ahmed I, Shreiber David I, and Meiners Sally. Nanofibrillar scaffolds induce preferential activation of Rho GTPases in cerebral cortical astrocytes, <i>Int. J. Nanomedicine</i> Vol. 07, pp. 3891-3905 (2012).	
Tiryaki Volkan Müjdat, Khan Adeel A, Ayres Virginia M. AFM feature definition for neural cells on nanofibrillar tissue scaffolds. <i>Scanning</i> Vol. 34, pp. 316-324 (2012).	
International publications in conference proceedings and symposiums	
1. Tiryaki, V.M., Adia-Nimuwa, U., Hartz, S.A., Xie, K., Ayres, V.M., Ahmed, I. and Shreiber, D.I. (2013). New Atomic Force Microscopy Based Astrocyte Cell Shape Index. <i>MRS Online Proceedings Library</i> , 1527, mrsf12-1527-uu05-08 doi:10.1557/opl.2013.417.	
2. Ayres, V.M., Xie, K., Tiryaki, V.M., Ahmed, I., Shreiber, D.I., "Investigation of Nanophysical Properties of Aging Nanofibrillar Tissue Scaffolds by TEM, SAED, Contact Angle and Raman Spectroscopies". In <i>MRS Online Proceedings Library</i> , Volume 1417 Biomaterials for Tissue Regeneration, edited by C Sorrell. Published by Cambridge University Press, Cambridge UK (2012). DOI: 10.1557/opl.2012.747. ISSN: 1946-4274.	
3. Tiryaki, V.M., Ayres, V.M., Ahmed, I., Shreiber, D.I., "Differences in Nanoscale Elasticity of Planar and Nanofibrillar Tissue Cultures". In <i>MRS Online Proceedings Library</i> , Volume 1417 Biomaterials for Tissue Regeneration, edited by C Sorrell. Published by Cambridge University Press, Cambridge UK (2012). DOI: 10.1557/opl.2012.746. ISSN: 1946-4274.	
4. Tiryaki, V.M., Ayres, V.M., Khan, A.A., Flowers, D.A., Ahmed, I., Delgado-Rivera, R., Meiners, S., "Investigation of Nanofibrillar Influence on Cell-Cell Interactions of Astrocytes by Atomic Force Microscopies". In <i>MRS Online Proceedings Library</i> , Volume 1316E: Nanofunctional Materials, Nanostructures, and Nanodevices for Biomedical Applications II, edited by L A Nagahara, R Sinclair, R Bashir, T Thundat, W Lin. Published by Cambridge University Press, Cambridge, UK (2011). 1316-QQ09-16, DOI: 10.1557/opl.2011.434. ISSN: 1946-4274.	
5. Tiryaki, V.M., Ayres, V.M., Khan, A.A., Delgado-Rivera, R., Ahmed, I., Meiners, S., "Quantitative Investigations of Nanoscale Elasticity of Nanofibrillar Matrices". In <i>MRS Symposium Proceedings Series</i> , Volume 1240E Polymer Nanofibers-Fundamental Studies and Emerging Applications, edited by A. Tanioka. Published by The Materials Research Society, Warrendale, PA (2010). DOI: 10.1557/PROC-1240-WW09-13. ISSN: 1946-4274.	

8. ADMINISTRATIVE DUTIES

Department Head of Computer Engineering Department 2016-...