



Name: Matilda

Last Name: MEMA

Title: Doctor

Education: Graduated from Faculty of Natural Sciences, University of Tirana, 2007-2010.

Postgraduated specialization: Masters in physics, Faculty of Natural Sciences, University of Tirana, 2010-2012.

Research interests: Photosynthesis Biophysics, Spectrofluorimetry and Spectrophotometry of Reflection.

Experience: Current Position: Lecturer, first lecturer in the Department of Physics in FIMIF, UPT from year 2017.

Currently invited as first lecturer of physics and biophysics at the Faculty of General Medicine, University of Medicine from year 2012.

Invited as a first lecturer of physics at the Faculty of Natural Sciences, University of Tirana, 2012-2016.

Invited as a first lecturer of physics at the Faculty of Mathematical and Physical Engineering from year 2012.

Publications:

Scientific Articles...

1. **Matilda Mema**, Fatbardha Babani, Kejda Kristo, Eriola Hida, CHARACTERISTICS OF THE REFLECTION SPECTRA OF GREEN PLANTS IN THE PRESENCE OF ENVIRONMENTAL STRESSES. UNION OF SCIENTISTS – STARA ZAGORA, XXVI International Conference Stara Zagora, 2-3.06.2016, Proceeding Science & Technologies, Volume VI, 2016, Number 1: Medical Biology Studies, Clinical Studies, Social Medicine and Health Care, 113-119
2. **Matilda Mema**, Fatbardha Babani, Eriola Hida, Kejda Kristo., Fluorescence imaging and pigment determination of populus by the photosynthetic apparatus in dajt area. Union of Scientists – Stara Zagora, XXVI International Conference Stara Zagora, 2-3.06.2016, Proceeding Science & Technologies, Volume VI, 2016, Number 1: Medical Biology Studies, Clinical Studies, Social Medicine and Health Care, 106-112
3. **Mema M.** Babani F., Kristo K., Spectral characteristics and activity of photosynthetic apparatus of fruit trees in the presence of environmental stress. The international Physics Conference Tirana 2015, November 13th-14th 2015 Tirana, Albania, Proceedings Book, University of Tirana, Faculty of Natural Sciences, Department of physics, 117
4. Cati O., **Mema M.**, Kristo K., Xhuvani E. A treatment planning for tumors in the pelvis area. The international Physics Conference Tirana 2015. November 13th-14th 2015 Tirana, Albania, Proceedings Book, University of Tirana, Faculty of Natural Sciences, Department of physics, 123

5. Eriola Hida, **Matilda Mema**, Fatbardha Babani, Kejda Kristo., Differences on stress response of cercius siliquastrum plants in different places in metallurgical complex and in different periods via screening of photosynthetic activity by chlorophyll fluorescence imaging. UNION OF SCIENTISTS – STARA ZAGORA, XXVI International Conference Stara Zagora, 2-3.06.2016, Proceeding Science & Technologies, Volume VI, 2016, Number 1: Medical Biology Studies, Clinical Studies, Social Medicine and Health Care, 120-124

6. **Matilda Mema**, Fatbardha Babani, Kejda Kristo, Eriola Zhuri (Hida)., Determination of dominant wavelength on green plants in the presence of environmental stresses. Journal of Multidisciplinary Engineering Science and Technology (JMEST), ISSN: 2458-9403, Vol. 3 Issue 10, October-2016, 5670-5674, (Impact Factor 1.27)

7. **Matilda Mema**, Fatbardha Babani, Kejda Kristo, Emil Xhuvani., Changing leaves spectral properties of variety Santa Maria (pear) in the presence of environmental stresses. Journal of Multidisciplinary Engineering Science Studies (JMEST), ISSN: 2458-925X, Vol. 3 Issue 2, February-2017, 1387-1391, (Impact Factor 0.72)

8. **Matilda Mema**, Fatbardha Babani, Kejda Kristo, Emil Xhuvani., The reflection spectra of the tree leaves in the presence of solar radiation in three position. Journal of Multidisciplinary Engineering Science Studies (JMEST), ISSN: 2458-925X, Vol. 3 Issue 4, April-2017, 1631-1635, (Impact Factor 0.72)

Contact:

Phone: 0692868087

E-mail address : mema_matilda@yahoo.com