

**LIST OF 10 RELEVANT PUBLICATIONS**  
**PROF. DR. TANTA SETNESCU**

Nr. Cr.	Author(s)	Journal (or Publishing House)	Title of the Paper (or Book)	Coordinates
1	Ilie S.D., Setnescu R., Lungulescu E.M., Marinescu V., Ilie D., <b>Setnescu T.</b> , Mareş G.	Polymer Testing	Investigations of a mechanically failed cable insulation used in indoor conditions	30(2) 173-182 (2011)
2	Setnescu R., Marinescu V., <b>Setnescu T.</b> , Jipa S., Albu M., Dragan G	Revista de Chimie	Oxidation of Lyophilized Collagen in Various Conditions	62(7) 732-735 (2011)
3	S.Jipa, T.Zaharescu, W.Kappel, <b>Setnescu T.</b> , M.Lungulescu, R.Olteanu	Journal of Optoelectronics and Advanced Materials	Vegetal polyphenols as antioxidants in polymers	10(4) 837-840 (2008)
4	Zaharescu T., Jipa S., Setnescu R., <b>Setnescu, T.</b>	Nuclear Instruments & Methods in Physics Research Section B-Beam Interactions with Materials and Atoms	Evaluation of oxidation behavior of gamma-irradiated EPDM/PP compounds	265(1) 260-264 (2007)
5	Jipa S., Setnescu R., Zaharescu T., <b>Setnescu T.</b> , Kaci M., Touati N.	Journal of Applied Polymer Science	Chemiluminescence of isotactic polypropylene induced by photo-oxidative degradation and natural weathering	102(5) 4623-4629 (2006)
6	Kaci M., Touati N., Setnescu R., Zaharescu T., <b>Setnescu T.</b> , Jipa S.	Macromolecular Materials and Engineering	Grafting of hindered amine stabilizer in poly(propylene) films under gamma-irradiation	290(8) 802-808 (2005)
7	Kaci M., Touati N., Setnescu R., <b>Setnescu T.</b> , Jipa S	International Journal of Polymer Analysis and Characterization	Characterization by chemiluminescence of unstabilized and HALS-stabilized LDPE film exposed to natural weathering conditions	9(4) 275-287 (2004)
	Setnescu R., Kaci M., Jipa S. <b>Setnescu T.</b>			

8	Jipa S., <b>Setnescu T.</b> , Zaharescu T., Hebal G., Benhamida A., Djedjelli H	Polymer Degradation and Stability	Chemiluminescence study on irradiated low-density polyethylene containing various photo-stabilisers	84(3) 475-481 (2004)
9	Jipa S., Zaharescu T., Gigante B., Santos C., Setnescu R., <b>Setnescu T.</b> , Dumitru M., Gorghiu L.M., Kappel W., Mihalcea I.	Polymer Degradation and Stability	Chemiluminescence investigation of thermo-oxidative degradation of polyethylenes stabilized with fullerenes	80(2) 209-216 (2003)
10	Jipa S., Zaharescu T., Setnescu R., <b>Setnescu T.</b> , Herdan J., Gorghiu L.M.	Polymer Testing	Thermal stabilization effect of some 3,5-di-t-butyl-4-hydroxy derivatives of ethane and ethene	21(3) 353-361 (2002)