

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

Nr. Cr.	Author(s)	Journal (or Publishing House)	Title of the Paper (or Book)	Coordinates
1	Ilie S.D., <b>Setnescu R.</b> , Lungulescu E.M., Marinescu V., Ilie D., Setnescu T., Mareş G.	Polymer Testing	Investigations of a mechanically failed cable insulation used in indoor conditions	30(2) 173-182 (2011)
2	<b>Setnescu R.</b> , Marinescu V., Setnescu T., Jipa S., Albu M., Dragan G.	Revista de Chimie	Oxidation of Lyophilized Collagen in Various Conditions	62(7) 732-735 (2011)
3	Jipa S., Zaharescu T., <b>Setnescu R.</b> , Dragan E.S., Dinu M.V.	Materials Chemistry and Physics	Thermal and radiochemical degradation of some PAN copolymers	112(2) 612-616 (2008)
4	Zaharescu T., Jipa S., <b>Setnescu R.</b> , Setnescu, T.	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., Zaharescu T., <b>Setnescu R.</b> , Kappel., W.	Journal of Optoelectronics and Advanced Materials	Chemiluminescence study on the endurance of ethylene-vinylacetate (EVA) under radiation and thermal degradation	9(6) 1623-1625 (2007)
6	Jipa S., Zaharescu T., Kappel W., <b>Setnescu R.</b> , Oros C.	Macromolecular Symposia	RTL investigation on the radiochemical oxidation of polyolefins	242 87-92 (2006)
7	Jipa S., <b>Setnescu R.</b> , Zaharescu T., Setnescu T., 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)
8	Zaharescu T., Kaci M., <b>Setnescu R.</b> , Jipa S., Touati N.	Polymer Bulletin	Thermal stability evaluation of polypropylene protected with grafted amine	56(4-5) 405-412 (2006)
9	Kaci M., Touati N., <b>Setnescu R.</b> , Setnescu T., 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)
	<b>Setnescu R.</b> , Bercutan C., Jipa S.			85(3) 997-

10	Barculean C., Sipa S., Setnescu T., Negoiu M., Mihalcea I., Dumitru M., Zaharescu T.	Polymer Degradation and Stability	The effect of some thiosemicarbazide compounds on thermal oxidation of polypropylene	00(3) 397- 1001 (2004)
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