

Pieter Gijsman

List of Publications by Year in descending order

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1019
citing authors

#	ARTICLE	IF	CITATIONS
1	Polymer Stabilization. , 2018, , 369-395.		3
2	A review on the mechanism of action and applicability of Hindered Amine Stabilizers. Polymer Degradation and Stability, 2017, 145, 2-10.	2.7	46
3	Polymer Stabilization. , 2017, , 395-421.		2
4	Influence of temperature and stabilization on oxygen diffusion limited oxidation profiles of polyamide 6. Polymer Degradation and Stability, 2016, 130, 83-96.	2.7	55
5	Polymer Stabilization. , 2012, , 673-714.		10
6	Polymer Stabilization. , 2011, , 375-399.		2
7	The diffusion and solubility of Irganox® 1098 in polyamide 6. Polymer Degradation and Stability, 2010, 95, 955-959.	2.7	14
8	Influence of temperature on the thermo-oxidative degradation of polyamide 6 films. Polymer Degradation and Stability, 2010, 95, 1054-1062.	2.7	99
9	Hindered amine light stabilizers: An alternative for radiation cross-linked UHMwPE implants. Biomaterials, 2010, 31, 6685-6691.	5.7	38
10	Simultaneous oxygen uptake and imaging chemiluminescence measurements. Polymer Degradation and Stability, 2006, 91, 423-428.	2.7	8
11	Effect of dicumyl peroxide crosslinking on the UV stability of ethylene-propylene-diene (EPDM) elastomers containing 5-ethylene-2-norbornene (ENB). Polymer Degradation and Stability, 2005, 89, 484-491.	2.7	22
12	Aliphatic amines for use as long-term heat stabilizers for polypropylene. Polymer Degradation and Stability, 2003, 81, 483-489.	2.7	20
13	Multi-cell imaging chemiluminescence to map heterogeneous degradation of polypropylene plaques. Polymer Degradation and Stability, 2003, 82, 181-186.	2.7	15
14	New synergists for hindered amine light stabilizers. Polymer, 2002, 43, 1573-1579.	1.8	54
15	Differences in the flame retardant mechanism of melamine cyanurate in polyamide 6 and polyamide 66. Polymer Degradation and Stability, 2002, 78, 219-224.	2.7	106
16	Thermo-oxidative stability of PP waste films studied by imaging chemiluminescence. Polymer Degradation and Stability, 2001, 73, 15-22.	2.7	18
17	The influence of polymer type, stabilizers and sample geometry on the relationship between chemiluminescence and oxygen uptake. Polymer Degradation and Stability, 2001, 74, 533-542.	2.7	38
18	Comparison of the UV-degradation chemistry of polypropylene, polyethylene, polyamide 6 and polybutylene terephthalate. Polymer Degradation and Stability, 1999, 65, 433-441.	2.7	225

#	ARTICLE	IF	CITATIONS
19	Hindered amine stabilisers as long-term heat stabilisers for polypropylene. <i>Polymer Degradation and Stability</i> , 1999, 66, 365-371.	2.7	40
20	The influence of oxygen pressure and temperature on the UV-degradation chemistry of polyethylene. <i>Polymer Degradation and Stability</i> , 1997, 58, 55-59.	2.7	39
21	The role of peroxides in the thermooxidative degradation of polypropylene. <i>Polymer Degradation and Stability</i> , 1996, 51, 3-13.	2.7	67
22	Comparison of the UV-degradation chemistry of unstabilized and HALS-stabilized polyethylene and polypropylene. <i>Polymer Degradation and Stability</i> , 1996, 53, 45-50.	2.7	59
23	Mechanistic aspects of the stabilization of polyamides by combinations of metal and halogen salts. <i>Polymer Degradation and Stability</i> , 1995, 49, 127-133.	2.7	45
24	Differences and similarities in the thermooxidative degradation of polyamide 46 and 66. <i>Polymer Degradation and Stability</i> , 1995, 49, 121-125.	2.7	65
25	The mechanism of action of hindered amine stabilizers (HAS) as long-term heat stabilizers. <i>Polymer Degradation and Stability</i> , 1994, 43, 171-176.	2.7	43
26	Comparison of UV degradation chemistry in accelerated (xenon) aging tests and outdoor tests (II). <i>Polymer Degradation and Stability</i> , 1994, 46, 63-74.	2.7	32
27	The influence of temperature and catalyst residues on the degradation of unstabilized polypropylene. <i>Polymer Degradation and Stability</i> , 1993, 39, 271-277.	2.7	64
28	The mechanism of the low-temperature oxidation of polypropylene. <i>Polymer Degradation and Stability</i> , 1993, 42, 95-105.	2.7	129
29	The mechanism of action of hindered amine light stabilizers. <i>Polymer Degradation and Stability</i> , 1993, 39, 225-233.	2.7	82
30	Photostabilisation of Polymer Materials. , 0, , 627-679.		4