

Pieter Gijsman

List of Publications by Year in descending order

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30
papers

1,444
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361413

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docs citations

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times ranked

1019
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| # | 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. | 5.8 | 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. | 5.8 | 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. | 5.8 | 14 |
| 8 | Influence of temperature on the thermo-oxidative degradation of polyamide 6 films. Polymer Degradation and Stability, 2010, 95, 1054-1062. | 5.8 | 99 |
| 9 | Hindered amine light stabilizers: An alternative for radiation cross-linked UHMwPE implants. Biomaterials, 2010, 31, 6685-6691. | 11.4 | 38 |
| 10 | Simultaneous oxygen uptake and imaging chemiluminescence measurements. Polymer Degradation and Stability, 2006, 91, 423-428. | 5.8 | 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. | 5.8 | 22 |
| 12 | Aliphatic amines for use as long-term heat stabilizers for polypropylene. Polymer Degradation and Stability, 2003, 81, 483-489. | 5.8 | 20 |
| 13 | Multi-cell imaging chemiluminescence to map heterogeneous degradation of polypropylene plaques. Polymer Degradation and Stability, 2003, 82, 181-186. | 5.8 | 15 |
| 14 | New synergists for hindered amine light stabilizers. Polymer, 2002, 43, 1573-1579. | 3.8 | 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. | 5.8 | 106 |
| 16 | Thermo-oxidative stability of PP waste films studied by imaging chemiluminescence. Polymer Degradation and Stability, 2001, 73, 15-22. | 5.8 | 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. | 5.8 | 38 |
| 18 | Comparison of the UV-degradation chemistry of polypropylene, polyethylene, polyamide 6 and polybutylene terephthalate. Polymer Degradation and Stability, 1999, 65, 433-441. | 5.8 | 225 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 19 | Hindered amine stabilisers as long-term heat stabilisers for polypropylene. Polymer Degradation and Stability, 1999, 66, 365-371. | 5.8 | 40 |
| 20 | The influence of oxygen pressure and temperature on the UV-degradation chemistry of polyethylene. Polymer Degradation and Stability, 1997, 58, 55-59. | 5.8 | 39 |
| 21 | The role of peroxides in the thermooxidative degradation of polypropylene. Polymer Degradation and Stability, 1996, 51, 3-13. | 5.8 | 67 |
| 22 | Comparison of the UV-degradation chemistry of unstabilized and HALS-stabilized polyethylene and polypropylene. Polymer Degradation and Stability, 1996, 53, 45-50. | 5.8 | 59 |
| 23 | Mechanistic aspects of the stabilization of polyamides by combinations of metal and halogen salts. Polymer Degradation and Stability, 1995, 49, 127-133. | 5.8 | 45 |
| 24 | Differences and similarities in the thermooxidative degradation of polyamide 46 and 66. Polymer Degradation and Stability, 1995, 49, 121-125. | 5.8 | 65 |
| 25 | The mechanism of action of hindered amine stabilizers (HAS) as long-term heat stabilizers. Polymer Degradation and Stability, 1994, 43, 171-176. | 5.8 | 43 |
| 26 | Comparison of UV degradation chemistry in accelerated (xenon) aging tests and outdoor tests (II). Polymer Degradation and Stability, 1994, 46, 63-74. | 5.8 | 32 |
| 27 | The influence of temperature and catalyst residues on the degradation of unstabilized polypropylene. Polymer Degradation and Stability, 1993, 39, 271-277. | 5.8 | 64 |
| 28 | The mechanism of the low-temperature oxidation of polypropylene. Polymer Degradation and Stability, 1993, 42, 95-105. | 5.8 | 129 |
| 29 | The mechanism of action of hindered amine light stabilizers. Polymer Degradation and Stability, 1993, 39, 225-233. | 5.8 | 82 |
| 30 | Photostabilisation of Polymer Materials. , 0, , 627-679. | | 4 |