

# Christian Friedrich

## List of Publications by Year in descending order

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18  
papers

2,278  
citations

471509

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docs citations

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citing authors

#	ARTICLE	IF	CITATIONS
1	Mechanical properties and electrical conductivity of carbon-nanotube filled polyamide-6 and its blends with acrylonitrile/butadiene/styrene. <i>Polymer</i> , 2004, 45, 739-748.	3.8	673
2	Van Gorp-Palmen-plot: a way to characterize polydispersity of linear polymers. <i>Rheologica Acta</i> , 2001, 40, 322-328.	2.4	318
3	Van Gorp-Palmen Plot II - classification of long chain branched polymers by their topology. <i>Rheologica Acta</i> , 2002, 41, 103-113.	2.4	313
4	Morphology and rheology of polystyrene nanocomposites based upon organoclay. <i>Macromolecular Rapid Communications</i> , 2000, 21, 57-61.	3.9	239
5	Morphological Stability of Poly(propylene) Nanocomposites. <i>Macromolecular Rapid Communications</i> , 2001, 22, 519-523.	3.9	114
6	Poly(ethene-co-norbornene) Obtained with a Constrained Geometry Catalyst. A Study of Reaction Kinetics and Copolymer Properties. <i>Macromolecules</i> , 2002, 35, 2903-2911.	4.8	86
7	Quantitative rheological evaluation of phase inversion in two-phase polymer blends with cocontinuous morphology. <i>Rheologica Acta</i> , 2002, 41, 77-86.	2.4	77
8	Influence of selective filling on rheological properties and phase inversion of two-phase polymer blends. <i>Polymer</i> , 2002, 43, 4467-4477.	3.8	77
9	Self-Initiated Free Radical Grafting of Styrene Homo- and Copolymers onto Functionalized Graphene. <i>Macromolecules</i> , 2013, 46, 5488-5496.	4.8	68
10	Sulfur-Functionalized Graphenes as Macro-Chain-Transfer and RAFT Agents for Producing Graphene Polymer Brushes and Polystyrene Nanocomposites. <i>Macromolecules</i> , 2012, 45, 7083-7090.	4.8	63
11	Rheological evidence of modifications of polypropylene by $\dot{\gamma}^2$ -irradiation. <i>Rheologica Acta</i> , 2003, 42, 251-258.	2.4	48
12	Recycled PET nanocomposites improved by silanization of organoclays. <i>Journal of Applied Polymer Science</i> , 2007, 106, 926-937.	2.6	42
13	Rheological Consequences of Hydrogen Bonding: Linear Viscoelastic Response of Linear Polyglycerol and Its Permethylated Analogues as a General Model for Hydroxyl-Functional Polymers. <i>Macromolecules</i> , 2015, 48, 119-130.	4.8	41
14	Effect of 3D structures on recycled PET/organoclay nanocomposites. <i>Polymer Bulletin</i> , 2007, 58, 313-319.	3.3	37
15	Entanglement Transition in Hyperbranched Polyether-Polyols. <i>Macromolecular Rapid Communications</i> , 2010, 31, 2127-2132.	3.9	28
16	Classification of model topologies using the $\dot{\gamma}$ versus $G^*$ plot. <i>Rheologica Acta</i> , 2005, 44, 485-494.	2.4	23
17	Linear and Nonlinear Rheological Properties of Self-Assembling Tectons in Polypropylene Matrices. <i>Macromolecules</i> , 2003, 36, 3749-3757.	4.8	18
18	Ultra-broad molecular weight distribution effects on viscoelastic properties of linear multimodal PE. <i>Journal of Rheology</i> , 2019, 63, 773-784.	2.6	13