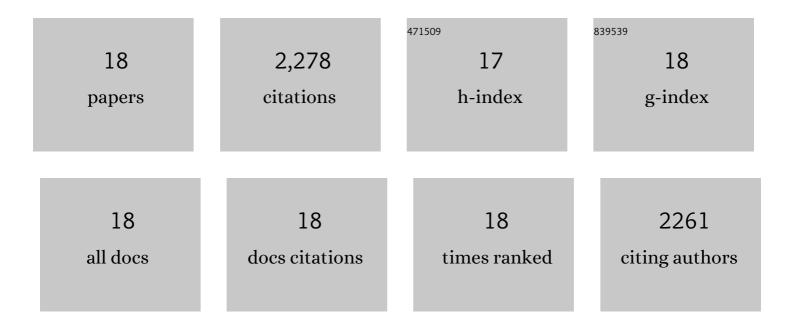
## **Christian Friedrich**

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Mechanical properties and electrical conductivity of carbon-nanotube filled polyamide-6 and its blends with acrylonitrile/butadiene/styrene. Polymer, 2004, 45, 739-748.	3.8	673
2	Van Gurp-Palmen-plot: a way to characterize polydispersity of linear polymers. Rheologica Acta, 2001, 40, 322-328.	2.4	318
3	Van Gurp-Palmen Plot II - classification of long chain branched polymers by their topology. Rheologica Acta, 2002, 41, 103-113.	2.4	313
4	Morphology and rheology of polystyrene nanocomposites based upon organoclay. Macromolecular Rapid Communications, 2000, 21, 57-61.	3.9	239
5	Morphological Stability of Poly(propylene) Nanocomposites. Macromolecular Rapid Communications, 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. Macromolecules, 2002, 35, 2903-2911.	4.8	86
7	Quantitative rheological evaluation of phase inversion in two-phase polymer blends with cocontinuous morphology. Rheologica Acta, 2002, 41, 77-86.	2.4	77
8	Influence of selective filling on rheological properties and phase inversion of two-phase polymer blends. Polymer, 2002, 43, 4467-4477.	3.8	77
9	Self-Initiated Free Radical Grafting of Styrene Homo- and Copolymers onto Functionalized Graphene. Macromolecules, 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. Macromolecules, 2012, 45, 7083-7090.	4.8	63
11	Rheological evidence of modifications of polypropylene by β-irradiation. Rheologica Acta, 2003, 42, 251-258.	2.4	48
12	Recycled PET nanocomposites improved by silanization of organoclays. Journal of Applied Polymer Science, 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. Macromolecules, 2015, 48, 119-130.	4.8	41
14	Effect of 3D structures on recycled PET/organoclay nanocomposites. Polymer Bulletin, 2007, 58, 313-319.	3.3	37
15	Entanglement Transition in Hyperbranched Polyetherâ€Polyols. Macromolecular Rapid Communications, 2010, 31, 2127-2132.	3.9	28
16	Classification of model topologies using the l´versus G* plot. Rheologica Acta, 2005, 44, 485-494.	2.4	23
17	Linear and Nonlinear Rheological Properties of Self-Assembling Tectons in Polypropylene Matrices. Macromolecules, 2003, 36, 3749-3757.	4.8	18
18	Ultra-broad molecular weight distribution effects on viscoelastic properties of linear multimodal PE. Journal of Rheology, 2019, 63, 773-784.	2.6	13