AlfrÃ©d MenyhÃ¡rd

List of Publications by Year
in descending order

35 papers	960 citations	535685 17 h-index	488211 31 g-index
36 all docs	36 docs citations	36 times ranked	827 citing authors

#	Article	IF	Citations
1	Organogelators with dual Î²- and Î±-nucleating ability in isotactic polypropylene. Journal of Thermal Analysis and Calorimetry, 2022, 147, 9451-9468.	2.0	4
2	Competing crystallization of Î±- and Î²-phase induced by Î²-nucleating agents in microdroplets of isotactic polypropylene. CrystEngComm, 2022, 24, 1966-1978.	1.3	9
3	Plasma-assisted preparation of nano-(ZrC, ZrO2)@carbon composites from Zr-loaded sulfonated styreneâ€“divinylbenzene copolymers. Journal of Thermal Analysis and Calorimetry, 2022, 147, 9353-9365.	2.0	7
4	Effect of N,Nâ€²-Dicyclohexyldicarboxamide Homologues on the Crystallization and Properties of Isotactic Polypropylene. ACS Omega, 2021, 6, 9053-9065.	1.6	10
5	Selfâ€organization of micro reinforcements and the rules of crystal formation in polypropylene nucleated by nonâ€selective nucleating agents with dual nucleating ability. Polymer Crystallization, 2020, 3, e10136.	0.5	6
6	Modeling of light scattering and haze in semicrystalline polymers. Journal of Polymer Science, 2020, 58, 1787-1795.	2.0	13
7	Non-isothermal crystallization kinetics of graphite-reinforced crosslinked high-density polyethylene composites. Journal of Thermal Analysis and Calorimetry, 2020, 142, 1849-1861.	2.0	12
8	Effect of the reaction temperature on the morphology of nanosized HAp. Journal of Thermal Analysis and Calorimetry, 2019, 138, 145-151.	2.0	27
9	Thermal and spectroscopic studies on a double-salt-type pyridineâ€“silver perchlorate complex having Î¹1-O coordinated perchlorate ions. Journal of Thermal Analysis and Calorimetry, 2019, 138, 1193-1205.	2.0	17
10	An unknown component of a selective and mild oxidant: structure and oxidative ability of a double salt-type complex having Î¹¹O-coordinated permanganate anions and three- and four-fold coordinated silver cations. RSC Advances, 2019, 9, 28387-28398.	1.7	19
11	Polypropylene Nucleation. , 2019, , 121-184.		9
12	Cover Image, Volume 68, Issue 2. Polymer International, 2019, 68, i-i.	1.6	0
13	Differential scanning calorimetry study of crossâ€nucleation between polymorphs in isotactic poly(1â€butene). Polymer International, 2019, 68, 257-262.	1.6	4
14	Prediction of tensile modulus of semicrystalline polymers from a single melting curve recorded by calorimetry. Journal of Thermal Analysis and Calorimetry, 2018, 134, 401-408.	2.0	9
15	Synergism of nitrogen and reduced graphene in the electrocatalytic behavior of resorcinol - Formaldehyde based carbon aerogels. Carbon, 2018, 139, 872-879.	5.4	26
16	Crystallization, melting, supermolecular structure and properties of isotactic polypropylene nucleated with dicyclohexyl-terephthalamide. Journal of Thermal Analysis and Calorimetry, 2017, 128, 925-935.	2.0	38
17	Anomalous Temperature Dependence of Isotactic Polypropylene Î±-on-Î² Cross-Nucleation Kinetics. Crystal Growth and Design, 2017, 17, 4936-4943.	1.4	22
18	Improvement of the impact strength of ethyleneâ€propylene random copolymers by nucleation. Journal of Applied Polymer Science, 2016, 133, .	1.3	16

#	Article	IF	Citations
19	Thermal transformation of bioactive caffeic acid on fumed silica seen by UVâ€“Vis spectroscopy, thermogravimetric analysis, temperature programmed desorption mass spectrometry and quantum chemical methods. Journal of Colloid and Interface Science, 2016, 470, 132-141.	5.0	21
20	Separation of simultaneously developing polymorphic modifications by stepwise crystallization technique in non-isothermal calorimetric experiments. Journal of Thermal Analysis and Calorimetry, 2016, 124, 1463-1469.	2.0	10
21	Hostâ€“guest interactions in poly(N-isopropylacrylamide) gel. Journal of Thermal Analysis and Calorimetry, 2015, 120, 1273-1281.	2.0	13
22	Some historical aspects of thermal analysis on the mid-European territory. Journal of Thermal Analysis and Calorimetry, 2015, 120, 239-254.	2.0	6
23	Determination of Nucleus Density in Semicrystalline Polymers from Nonisothermal Crystallization Curves. Macromolecules, 2015, 48, 2561-2569.	2.2	20
24	Reply to â€œComment on â€˜Determination of Nucleus Density in Semicrystalline Polymers from Nonisothermal Crystallization Curvesâ€™â€• Macromolecules, 2015, 48, 7735-7735.	2.2	0
25	Chain regularity of isotactic polypropylene determined by different thermal fractionation methods. Journal of Thermal Analysis and Calorimetry, 2014, 118, 235-245.	2.0	17
26	Effect of the Molecular Structure of the Polymer and Nucleation on the Optical Properties of Polypropylene Homo- and Copolymers. ACS Applied Materials & Interfaces, 2014, 6, 7456-7463.	4.0	36
27	The role of solubility and critical temperatures for the efficiency of sorbitol clarifiers in polypropylene. RSC Advances, 2014, 4, 19737-19745.	1.7	31
28	Best reviewer award 2011: Professor Dr. Li-Xian Sun. Journal of Thermal Analysis and Calorimetry, 2013, 113, 1681-1682.	2.0	0
29	Effect of molecular architecture on the crystalline structure and stiffness of iPP homopolymers: Modeling based on annealing experiments. Journal of Applied Polymer Science, 2013, 130, 3365-3373.	1.3	28
30	Studies on the Chemistry of [Cd(NH3)4](MnO4)2. A Low Temperature Synthesis Route of the CdMn2O4+xType NOxand CH3SH Sensor Precursors. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2012, 638, 177-186.	0.6	24
31	Kinetics of competitive crystallization of Î²- and Î±-modifications in Î²-nucleated iPP studied by isothermal stepwise crystallization technique. Journal of Thermal Analysis and Calorimetry, 2012, 108, 613-620.	2.0	39
32	Crystallization of isotactic polypropylene in the presence of a Î²â€nucleating agent based on a trisamide of trimesic acid. Journal of Applied Polymer Science, 2011, 121, 1469-1480.	1.3	64
33	Reprocessability and melting behaviour of self-reinforced composites based on PP homo and copolymers. Journal of Thermal Analysis and Calorimetry, 2010, 101, 255-263.	2.0	17
34	The influence of nucleus density on optical properties in nucleated isotactic polypropylene. European Polymer Journal, 2009, 45, 3138-3148.	2.6	98
35	Effect of Solubility and Nucleating Duality ofN,Nâ€™-Dicyclohexyl-2,6-naphthalenedicarboxamide on the Supermolecular Structure of Isotactic Polypropylene. Macromolecules, 2007, 40, 2422-2431.	2.2	287