

L Robert Middleton

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Chain and Ion Dynamics in Precise Polyethylene Ionomers. <i>Macromolecules</i> , 2019, 52, 7939-7950.	4.8	23
2	Deformation-induced morphology evolution of precise polyethylene ionomers. <i>Polymer</i> , 2018, 144, 184-191.	3.8	17
3	Comparing Morphological Evolution during Tensile Deformation of Two Precise Polyethylenes via 2D Fitting of <i>in Situ</i> X-ray Scattering. <i>Macromolecules</i> , 2018, 51, 7942-7950.	4.8	9
4	Nanoscale Aggregation in Acid- and Ion-Containing Polymers. <i>Annual Review of Chemical and Biomolecular Engineering</i> , 2017, 8, 499-523.	6.8	48
5	Transverse Orientation of Acid Layers in the Crystallites of a Precise Polymer. <i>Macromolecules</i> , 2017, 50, 8988-8995.	4.8	17
6	Heterogeneous Chain Dynamics and Aggregate Lifetimes in Precise Acid-Containing Polyethylenes: Experiments and Simulations. <i>Macromolecules</i> , 2016, 49, 9176-9185.	4.8	22
7	Role of Periodicity and Acid Chemistry on the Morphological Evolution and Strength in Precise Polyethylenes. <i>Macromolecules</i> , 2016, 49, 8209-8218.	4.8	27
8	Hierarchical Acrylic Acid Aggregate Morphologies Produce Strain-Hardening in Precise Polyethylene-Based Copolymers. <i>Macromolecules</i> , 2015, 48, 3713-3724.	4.8	43
9	Dynamics of Precise Ethylene Ionomers Containing Ionic Liquid Functionality. <i>Macromolecules</i> , 2015, 48, 410-420.	4.8	42