

L Robert Middleton

List of Publications by Year in descending order

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9
papers

248
citations

1040056

9
h-index

1474206

9
g-index

9
all docs

9
docs citations

9
times ranked

305
citing authors

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