

# Mingyi Liao

## List of Publications by Year in descending order

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papers

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times ranked

252  
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#	ARTICLE	IF	CITATIONS
1	Reduction of liquid terminated-carboxyl fluoroelastomers using NaBH <sub>4</sub> /SmCl <sub>3</sub> . RSC Advances, 2020, 10, 10932-10938.	3.6	6
2	Study on the dehydrofluorination of vinylidene fluoride (VDF) and hexafluoropropylene (HFP) copolymer. Polymer Degradation and Stability, 2018, 152, 116-125.	5.8	21
3	Sustainable synthesis of uniform silica microspheres from green liquor of wheat straw pulping and application in natural rubber. Journal of Renewable and Sustainable Energy, 2018, 10, 015701.	2.0	0
4	Dehydrofluorination mechanism, structure and thermal stability of pure fluoroelastomer (poly(VDF-ter-HFP-ter-TFE) terpolymer) in alkaline environment. Journal of Fluorine Chemistry, 2017, 201, 55-67.	1.7	31
5	Preparation and dynamic mechanical properties of copolymers based on butadiene, isoprene, and styrene. Polymer Science - Series B, 2014, 56, 753-761.	0.8	5
6	Thermal properties of chlorosulfonated polyethylene via gas-solid phase method. Journal of Thermal Analysis and Calorimetry, 2014, 117, 1105-1109.	3.6	2
7	Morphology and thermal properties of polyhedral oligomeric silsesquioxane/polybutadiene nanocomposites prepared by anionic polymerization. Polymer Science - Series A, 2012, 54, 738-743.	1.0	1
8	Preparation and characterization of polybutadiene/allylisobutyl polyhedral oligomeric silsesquioxane nanocomposites by anionic polymerization. Journal of Applied Polymer Science, 2011, 120, 2800-2808.	2.6	4
9	Characterization of end-functionalized styrene-butadiene-styrene copolymers and their application in modified asphalt. Journal of Applied Polymer Science, 2007, 103, 8-16.	2.6	32
10	Surface modification of montmorillonite and application to the preparation of polybutadiene/montmorillonite nanocomposites. Polymer International, 2007, 56, 399-408.	3.1	36
11	Structure and properties of polybutadiene/montmorillonite nanocomposites prepared by in situ polymerization. Journal of Applied Polymer Science, 2006, 99, 3615-3621.	2.6	24
12	Structure and properties of rubber/organic montmorillonite nanocomposites prepared by in situ anionic intercalation polymerization. Journal of Polymer Science, Part B: Polymer Physics, 2005, 43, 1344-1353.	2.1	17
13	Preparation and structure and mechanical properties of poly(styrene-b-butadiene)/clay nanocomposites. Journal of Applied Polymer Science, 2004, 92, 3430-3434.	2.6	49