

# Mingyi Liao

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1200039/publications.pdf>

Version: 2024-02-01

13  
papers

228  
citations

1307594

7  
h-index

1199594

12  
g-index

13  
all docs

13  
docs citations

13  
times ranked

252  
citing authors

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