

# Sergey Yakovlev

## List of Publications by Year in descending order

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Version: 2024-02-01

8  
papers

63  
citations

1937685  
4  
h-index

1720034  
7  
g-index

8  
all docs

8  
docs citations

8  
times ranked

78  
citing authors

#	ARTICLE	IF	CITATIONS
1	Insights on the Study of Nafion Nanoscale Morphology by Transmission Electron Microscopy. Membranes, 2013, 3, 424-439.	3.0	28
2	Structural origins of mechanical properties and hysteresis in SIS triblock copolymers/polystyrene blends with spherical morphology. Rheologica Acta, 2016, 55, 103-116.	2.4	11
3	Mechanism of stress induced crystallization of polyethylene. Polymer, 2019, 175, 25-31.	3.8	9
4	Strategy for Scalable Comb Block Polyolefin Synthesis. Efficient Graft of Isotactic Polypropylene to a Commercial Broad Molecular Weight Distribution, Hyperbranched, Ethylene Methylacrylate Copolymer. Macromolecules, 2020, 53, 6353-6368.	4.8	5
5	High-density polyethylene reinforced by low loadings of electrochemically exfoliated graphene via melt recirculation approach. Journal of Applied Polymer Science, 2021, 138, 50448.	2.6	4
6	Discovery of Polyolefin Granule Products That Can Be Deconstructed into Individual, Fully Separable Grains Provides New Insights into Grain Growth and Material Design. Macromolecules, 2021, 54, 2187-2201.	4.8	3
7	Cross hatched structure of polyethylene spherulites. Polymer Crystallization, 2021, 4, e10174.	0.8	3
8	Mechanical and Barrier Properties of Bromo-Butyl Elastomers Filled with Electrochemically Exfoliated Graphene. Macromolecular Materials and Engineering, 2021, 306, 2100153.	3.6	0