

Egor A Bersenev

List of Publications by Year in descending order

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11
papers

163
citations

1307594

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1281871

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docs citations

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citing authors

#	ARTICLE	IF	CITATIONS
1	Injectable bottlebrush hydrogels with tissue-mimetic mechanical properties. <i>Science Advances</i> , 2022, 8, eabm2469.	10.3	53
2	Brush Architecture and Network Elasticity: Path to the Design of Mechanically Diverse Elastomers. <i>Macromolecules</i> , 2022, 55, 2940-2951.	4.8	16
3	Synthesis, Molecular Characterization, and Phase Behavior of Miktoarm Star Copolymers of the AB_n and A_nB ($n = 2$ or 3) Sequences, Where A Is Polystyrene and B Is Poly(dimethylsiloxane). <i>Macromolecules</i> , 2022, 55, 88-99.	4.8	13
4	Melting-Induced Evolution of Morphology, Entanglement Density, and Ultradrawability of Solution-Crystallized Ultrahigh-Molecular-Weight Polyethylene. <i>Macromolecules</i> , 2021, 54, 5683-5693.	4.8	13
5	Molecular patterns of oligopeptide hydrocarbons on graphite. <i>Colloids and Surfaces B: Biointerfaces</i> , 2021, 206, 111921.	5.0	7
6	Tissue-Adaptive Materials with Independently Regulated Modulus and Transition Temperature. <i>Advanced Materials</i> , 2020, 32, e2005314.	21.0	27
7	Independently Tuning Elastomer Softness and Firmness by Incorporating Side Chain Mixtures into Bottlebrush Network Strands. <i>Macromolecules</i> , 2020, 53, 9306-9312.	4.8	15
8	Self-Assembly of Low-Molecular-Weight Asymmetric Linear Triblock Terpolymers: How Low Can We Go?. <i>Molecules</i> , 2020, 25, 5527.	3.8	3
9	Exploring the Complexation of Counterion in Novel Family of Polyelectrolytes with Unexpected Solubility Behaviour. <i>Key Engineering Materials</i> , 2020, 869, 61-68.	0.4	2
10	Synergetic effect of fullerene and graphene oxide nanoparticles on mechanical characteristics of cross-linked polyurethanes under static and dynamic loading. <i>Journal of Composite Materials</i> , 2019, 53, 3797-3805.	2.4	11
11	Synthesis and Solid-State Properties of $PolyC_3$ (Co)polymers Containing $(CH_2)_2-C(CH_2)_2-C(COOR)_2$ Repeat Units with Densely Packed Fluorocarbon Lateral Chains. <i>Macromolecules</i> , 2019, 52, 9199-9207.	4.8	3