

Alexey Vinogradov

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Experimental and Theoretical Study of Zirconocene-Catalyzed Oligomerization of 1-Octene. <i>Polymers</i> , 2020, 12, 1590.	4.5	12
2	DFT Modeling of the Alternating Radical Copolymerization and Alder-Ene Reaction between Maleic Anhydride and Olefins. <i>Polymers</i> , 2020, 12, 744.	4.5	8
3	Zirconocene-Catalyzed Dimerization of $\hat{1}\pm$ -Olefins: DFT Modeling of the Zr-Al Binuclear Reaction Mechanism. <i>Molecules</i> , 2019, 24, 3565.	3.8	18
4	The synthesis of ultra-high molecular weight poly(1-hexene)s by low-temperature Ziegler-Natta precipitation polymerization in fluorous reaction media. <i>Polymer</i> , 2018, 139, 98-106.	3.8	5
5	Structurally uniform 1-hexene, 1-octene, and 1-decene oligomers: Zirconocene/MAO-catalyzed preparation, characterization, and prospects of their use as low-viscosity low-temperature oil base stocks. <i>Applied Catalysis A: General</i> , 2018, 549, 40-50.	4.3	56
6	Catalytic oligomerization of $\hat{1}\pm$ -olefins in the presence of two-stage activated zirconocene catalyst based on 6,6-dimethylfulvene $\hat{1}\pm$ -dimer $\hat{1}\pm$. <i>Mendeleev Communications</i> , 2017, 27, 35-37.	1.6	20
7	Crosslinked $\hat{1}\pm$ -olefin-diene copolymers prepared using a metallocene catalyst deposited on the surface of SiO ₂ -modified Fe ₃ O ₄ : Ferromagnetic oil sponges. <i>Polymer Science - Series B</i> , 2017, 59, 83-90.	0.8	5
8	Branched alkylphosphinic and disubstituted phosphinic and phosphonic acids: effective synthesis based on $\hat{1}\pm$ -olefin dimers and applications in lanthanide extraction and separation. <i>RSC Advances</i> , 2017, 7, 24122-24128.	3.6	20
9	Non-traditional Ziegler-Natta catalysis in $\hat{1}\pm$ -olefin transformations: reaction mechanisms and product design. <i>Pure and Applied Chemistry</i> , 2017, 89, 1017-1032.	1.9	36
10	An efficient route for design of luminescent composite materials based on polyethylene containing europium dibenzoylmethanate. <i>New Journal of Chemistry</i> , 2017, 41, 13663-13672.	2.8	7
11	Catalytic activity of phenyl substituted cyclopentadienyl neodymium complexes in the ethylene oligomerization process. <i>Journal of Organometallic Chemistry</i> , 2016, 818, 128-136.	1.8	21
12	Zirconocene-catalyzed dimerization of 1-hexene: Two-stage activation and structure $\hat{1}\pm$ catalytic performance relationship. <i>Catalysis Communications</i> , 2016, 79, 6-10.	3.3	42
13	Determination of the molecular-mass characteristics of polyethylene oligomers with terminal iodine atoms by MALDI mass spectrometry after derivatization. <i>Journal of Analytical Chemistry</i> , 2013, 68, 1227-1228.	0.9	3
14	Di- and Triphenylacetates of Lanthanum and Neodymium. Synthesis, Structural Diversity, and Application in Diene Polymerization. <i>Organometallics</i> , 2013, 32, 1272-1286.	2.3	39