

Ashot V Arzumanyan

List of Publications by Year in descending order

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14
papers

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#	ARTICLE	IF	CITATIONS
1	Dumbbell-Shaped, Graft and Bottlebrush Polymers with All-Siloxane Nature: Synthetic Methodology, Thermal, and Rheological Behavior. <i>Macromolecular Rapid Communications</i> , 2021, 42, 2000645.	2.0	10
2	Stereoregular cyclic <i>p</i> -tolyl-siloxanes with alkyl, O- and N-containing groups as promising reagents for the synthesis of functionalized organosiloxanes. <i>New Journal of Chemistry</i> , 2021, 45, 9805-9810.	1.4	4
3	Silica-Based Aerogels with Tunable Properties: The Highly Efficient BF ₃ -Catalyzed Preparation and Look inside Their Structure. <i>Macromolecules</i> , 2021, 54, 1961-1975.	2.2	10
4	Ionic Cyclopropenium-Derived Triplatinum Cluster Complex [(Ph) ₃ C ₃] ₂ Pt ₃ (MeCN) ₄] ²⁺ (BF ₄) ⁻ Synthesis, Structure, and Perspectives for Use as a Catalyst for Hydrosilylation Reactions. <i>Organometallics</i> , 2021, 40, 3876-3885.	1.1	10
5	Stereoregular cyclic <i>p</i> -tolyl-containing siloxanes as promising reagents for synthesizing functionalized organosiloxanes. <i>Journal of Organometallic Chemistry</i> , 2020, 914, 121223.	0.8	5
6	Aerobic Co/N-Hydroxysuccinimide-Catalyzed Oxidation of <i>p</i> -Tolylsiloxanes to <i>p</i> -Carboxyphenylsiloxanes: Synthesis of Functionalized Siloxanes as Promising Building Blocks for Siloxane-Based Materials. <i>Journal of the American Chemical Society</i> , 2019, 141, 2143-2151.	6.6	32
7	Use of MnCl ₂ / t BuOOH oxidizing system for conversion of <i>p</i> -tolylsiloxanes to <i>p</i> -carboxyphenylsiloxanes. <i>Journal of Organometallic Chemistry</i> , 2018, 862, 28-30.	0.8	6
8	Aerobic Co or Cu/NHPI-catalyzed oxidation of hydride siloxanes: synthesis of siloxanols. <i>Green Chemistry</i> , 2018, 20, 1467-1471.	4.6	56
9	Copper-Catalyzed Oxidation of Hydrosilanes: A New Method for the Synthesis of Alkyl- and Siloxysilanol. <i>Synlett</i> , 2018, 29, 489-492.	1.0	8
10	Iron-catalyzed C-C bond activation/C-O bond formation: Direct conversion of ketones to esters. <i>Tetrahedron Letters</i> , 2017, 58, 4667-4671.	0.7	7
11	Reduction of Organosilicon Peroxides: Ring Contraction and Cyclodimerization. <i>Organometallics</i> , 2016, 35, 1667-1673.	1.1	12
12	Nature Chooses Rings: Synthesis of Silicon-Containing Macrocyclic Peroxides. <i>Organometallics</i> , 2014, 33, 2230-2246.	1.1	29
13	Reactions of mono- and bicyclic enol ethers with the I ₂ /hydroperoxide system. <i>RSC Advances</i> , 2014, 4, 7579-7587.	1.7	12
14	Six Peroxide Groups in One Molecule - Synthesis of Nine-Membered Bicyclic Silyl Peroxides. <i>European Journal of Organic Chemistry</i> , 2014, 2014, 6877-6883.	1.2	16