

Ashot V Arzumanyan

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9448367/publications.pdf>

Version: 2024-02-01

14
papers

217
citations

1040056

9
h-index

1058476

14
g-index

15
all docs

15
docs citations

15
times ranked

180
citing authors

#	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.	3.9	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.	2.8	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.	4.8	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.	2.3	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.	1.8	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.	13.7	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.	1.8	6
8	Aerobic Co or Cu/NHPI-catalyzed oxidation of hydride siloxanes: synthesis of siloxanols. <i>Green Chemistry</i> , 2018, 20, 1467-1471.	9.0	56
9	Copper-Catalyzed Oxidation of Hydrosilanes: A New Method for the Synthesis of Alkyl- and Siloxysilanol. <i>Synlett</i> , 2018, 29, 489-492.	1.8	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.	1.4	7
11	Reduction of Organosilicon Peroxides: Ring Contraction and Cyclodimerization. <i>Organometallics</i> , 2016, 35, 1667-1673.	2.3	12
12	Nature Chooses Rings: Synthesis of Silicon-Containing Macrocyclic Peroxides. <i>Organometallics</i> , 2014, 33, 2230-2246.	2.3	29
13	Reactions of mono- and bicyclic enol ethers with the I ₂ -hydroperoxide system. <i>RSC Advances</i> , 2014, 4, 7579-7587.	3.6	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.	2.4	16