

Andrei V Galukhin

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Thermal decomposition of Tatarstan Ashalâ€™cha heavy crude oil and its SARA fractions. <i>Fuel</i> , 2016, 186, 122-127.	3.4	117
2	Catalytic Aquathermolysis of Heavy Oil with Iron Tris(acetylacetonate): Changes of Heavy Oil Composition and <i>in Situ</i> Formation of Magnetic Nanoparticles. <i>Energy & Fuels</i> , 2015, 29, 4768-4773.	2.5	51
3	ICTAC Kinetics Committee recommendations for analysis of thermal polymerization kinetics. <i>Thermochimica Acta</i> , 2022, 714, 179243.	1.2	44
4	Contribution of thermal analysis and kinetics of Siberian and Tatarstan regions crude oils for <i>in situ</i> combustion process. <i>Journal of Thermal Analysis and Calorimetry</i> , 2015, 122, 1375-1384.	2.0	42
5	<i>In Situ</i> Identification of Various Structural Features of Vanadyl Porphyrins in Crude Oil by High-Field (3.4 T) Electronâ€™Nuclear Double Resonance Spectroscopy Combined with Density Functional Theory Calculations. <i>Energy & Fuels</i> , 2017, 31, 1243-1249.	2.5	39
6	Mn-Catalyzed Oxidation of Heavy Oil in Porous Media: Kinetics and Some Aspects of the Mechanism. <i>Energy & Fuels</i> , 2016, 30, 7731-7737.	2.5	35
7	Synthesis and complexation properties of 1,3-alternate stereoisomers of <i>p</i> -tert-butylthiacalix[4]arenes tetrasubstituted at the lower rim by the phthalimide group. <i>Mendeleev Communications</i> , 2009, 19, 193-195.	0.6	25
8	Kinetic and Mechanistic Insights into Thermally Initiated Polymerization of Cyanate Esters with Different Bridging Groups. <i>Macromolecular Chemistry and Physics</i> , 2019, 220, 1900141.	1.1	25
9	Phosphorylated amino derivatives of thiacalix[4]arene as membrane carriers: synthesis and hostâ€™guest molecular recognition of amino, hydroxy and dicarboxylic acids. <i>Journal of Physical Organic Chemistry</i> , 2014, 27, 57-65.	0.9	23
10	Polymerization kinetics of adamantane-based dicyanate ester and thermal properties of resulting polymer. <i>Reactive and Functional Polymers</i> , 2021, 165, 104956.	2.0	19
11	Catalytic Combustion of Heavy Oil in the Presence of Manganese-Based Submicroparticles in a Quartz Porous Medium. <i>Energy & Fuels</i> , 2017, 31, 11253-11257.	2.5	18
12	Manganese Oxide Nanoparticles Immobilized on Silica Nanospheres as a Highly Efficient Catalyst for Heavy Oil Oxidation. <i>Industrial & Engineering Chemistry Research</i> , 2019, 58, 8990-8995.	1.8	17
13	Solid-state polymerization of a novel cyanate ester based on 4-tert-butylcalix[6]arene. <i>Polymer Chemistry</i> , 2020, 11, 4115-4123.	1.9	16
14	Cholinesterase Biosensors Based on Screenâ€™Printed Electrodes Modified with Coâ€™Phtalocyanine and Polycarboxylated Thiacalixarenes. <i>Electroanalysis</i> , 2012, 24, 554-562.	1.5	15
15	Porous Structure of Silica Colloidal Crystals. <i>Langmuir</i> , 2019, 35, 2230-2235.	1.6	15
16	Phenylurea-Equipped <i>p</i> -tert-Butylthiacalix[4]Arenes as the Synthetic Receptors for Monocharged Anions. <i>Mendeleev Communications</i> , 2013, 23, 41-43.	0.6	14
17	Effect of Catalytic Aquathermolysis on High-Molecular-Weight Components of Heavy Oil in the Ashalâ€™cha Field. <i>Chemistry and Technology of Fuels and Oils</i> , 2015, 50, 555-560.	0.2	14
18	Synthesis and Polymerization Kinetics of Rigid Tricyanate Ester. <i>Polymers</i> , 2021, 13, 1686.	2.0	14

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19	Guanidine-equipped thiacalix[4]arenes: synthesis, interaction with DNA and aggregation properties. <i>Mendeleev Communications</i> , 2014, 24, 82-84.	0.6	13
20	Pyrolysis of Kerogen of Bazhenov Shale: Kinetics and Influence of Inherent Pyrite. <i>Energy & Fuels</i> , 2017, 31, 6777-6781.	2.5	13
21	Pore-Size Distribution of Silica Colloidal Crystals from Nitrogen Adsorption Isotherms. <i>Langmuir</i> , 2019, 35, 14975-14982.	1.6	13
22	Polymerization Kinetics of Cyanate Ester Confined to Hydrophilic Nanopores of Silica Colloidal Crystals with Different Surface-Grafted Groups. <i>Polymers</i> , 2020, 12, 2329.	2.0	13
23	Influence of Nature of Functional Groups on Interaction of Tetrasubstituted at Lower Rim p-tert-Butyl Thiacalix[4]arenes in 1,3-Alternate Configuration with Model Lipid Membranes. <i>Applied Magnetic Resonance</i> , 2011, 40, 231-243.	0.6	11
24	Synthesis and Polymerization Kinetics of Novel Dicyanate Ester Based on Dimer of 4-tert-butylphenol. <i>Macromolecular Chemistry and Physics</i> , 2021, 222, 2000410.	1.1	10
25	Solvent-induced changes in the reactivity of tricyanate esters undergoing thermal polymerization. <i>Polymer Chemistry</i> , 2021, 12, 6179-6187.	1.9	10
26	Mono-, 1,3-Di- and Tetrasubstituted p-tert-Butylthiacalix[4]arenes Containing Phthalimide Groups: Synthesis and Functionalization with Ester, Amide, Hydrazide and Amino Groups. <i>Macroheterocycles</i> , 2012, 5, 266-274.	0.9	8
27	Investigation of DNA binding abilities of solid lipid nanoparticles based on p-tert-butylthiacalix[4]arene platform. <i>RSC Advances</i> , 2015, 5, 33351-33355.	1.7	7
28	Problems with Applying the Ozawa-Avrami Crystallization Model to Non-Isothermal Crosslinking Polymerization. <i>Polymers</i> , 2022, 14, 693.	2.0	7
29	Novel adamantane-based dicyanate ester: Synthesis, polymerization kinetics, and thermal properties of resulting polymer. <i>Thermochimica Acta</i> , 2022, 710, 179177.	1.2	7
30	p-tert-Butylthiacalix[4]arenes equipped with guanidinium fragments: aggregation, cytotoxicity, and DNA binding abilities. <i>RSC Advances</i> , 2016, 6, 32722-32726.	1.7	6
31	Pentakis-thiacalix[4]Arenes with Nitrile Fragments: Receptor Properties toward Cations of Some s-and d-metals and Self-assembly of Nanoscale Aggregates. <i>Mendeleev Communications</i> , 2013, 23, 196-198.	0.6	4
32	Heavy oil oxidation in the nano-porous medium of synthetic opal. <i>RSC Advances</i> , 2018, 8, 18110-18116.	1.7	4
33	Probing the surface of synthetic opals with the vanadyl containing crude oil by using EPR and ENDOR techniques. <i>Magnetic Resonance in Solids</i> , 2019, 21, .	0.2	4
34	The Kinetics of Formation of Microporous Polytriazine in Diphenyl Sulfone. <i>Molecules</i> , 2022, 27, 3605.	1.7	4
35	Beer classification based on the array of solid-contact potentiometric sensors with thiacalixarene receptors. <i>Russian Chemical Bulletin</i> , 2014, 63, 223-231.	0.4	3
36	Synthesis of Cyanate Esters Based on Mono-O-Methylated Bisphenols with Sulfur-Containing Bridges. <i>Molecules</i> , 2019, 24, 177.	1.7	2

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37	W-band EPR of vanadyl complexes aggregates on the surface of Al ₂ O ₃ . IOP Conference Series: Earth and Environmental Science, 2018, 155, 012005.	0.2	1