Andrey Chibiryaev

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/4581747/publications.pdf

Version: 2024-02-01

40	812	687220	501076
papers	citations	13 h-index	28 g-index

41	41	41	973
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Structure-guided insights into non-catalytic (Î±-hydroxy)alkylation of olefins with alcohols. New Journal of Chemistry, 2022, 46, 9775-9784.	1.4	1
2	Catalyzed transfer hydrogenation by 2-propanol for highly selective PAHs reduction. Catalysis Today, 2021, 379, 15-22.	2.2	14
3	Poisoning titration of metal nickel-based catalysts â€“ an efficient and convenient tool to quantify active sites in transfer hydrogenation. Applied Catalysis A: General, 2021, 617, 118115.	2.2	3
4	One-pot synthesis of TMOS from SiO2-enriched minerals and supercritical MeOH in a flow reactor. Chemical Engineering Journal, 2021, 426, 131871.	6.6	6
5	RaneyÂ® nickel-catalyzed hydrodeoxygenation and dearomatization under transfer hydrogenation conditionsâ€”Reaction pathways of non-phenolic compounds. Catalysis Today, 2020, 355, 35-42.	2.2	17
6	Supercritical fluids in chemistry. Russian Chemical Reviews, 2020, 89, 1337-1427.	2.5	62
7	Some like it weak: different activity of RaneyÂ® nickel in transfer hydrogenation under air and inert atmosphere. Applied Catalysis A: General, 2020, 605, 117788.	2.2	7
8	Simple H2-free hydrogenation of unsaturated monoterpenoids catalyzed by Raney nickel. Mendeleev Communications, 2019, 29, 380-381.	0.6	7
9	Base-free transfer hydrogenation of menthone by sub- and supercritical alcohols. Journal of Supercritical Fluids, 2019, 145, 162-168.	1.6	15
10	Transformation of petroleum asphaltenes in supercritical alcoholsâ€”A tool to change H/C ratio and remove S and N atoms from refined products. Catalysis Today, 2019, 329, 177-186.	2.2	9
11	Transformation of Petroleum Asphaltenes in Supercritical Alcohols Studied via FTIR and NMR Techniques. Energy & Fuels, 2018, 32, 2117-2127.	2.5	28
12	Reduction of Menthone with Isopropanol in the Presence of Palladium on Sibunit (ICT-3-31). Catalysis in Industry, 2018, 10, 294-300.	0.3	1
13	HKUST-1 silica aerogel composites: novel materials for the separation of saturated and unsaturated hydrocarbons by conventional liquid chromatography. RSC Advances, 2016, 6, 62501-62507.	1.7	34
14	New insights into the mechanism of interaction between CO₂ and polymers from thermodynamic parameters obtained by in situ ATR-FTIR spectroscopy. Physical Chemistry Chemical Physics, 2016, 18, 6465-6475.	1.3	41
15	Cyclic carbonates synthesis from epoxides and CO2 over metalâ€“organic framework Cr-MIL-101. Journal of Catalysis, 2013, 298, 179-185.	3.1	267
16	Synthesis of cyclic carbonates from epoxides or olefins and CO2 catalyzed by metal-organic frameworks and quaternary ammonium salts. Journal of Energy Chemistry, 2013, 22, 130-135.	7.1	72
17	High-temperature reaction of SiO2 with methanol: Nucleophilic assistance of some N-unsubstituted benzazoles. Applied Catalysis A: General, 2013, 456, 159-167.	2.2	7
18	Tetramethyl orthosilicate as a sharp-selective catalyst of C3-methylation of indole by supercritical methanol. Journal of Supercritical Fluids, 2012, 69, 82-90.	1.6	6

#	Article	IF	Citations
19	Reaction reversibility in Î±-pinene thermal isomerization: improving the kinetic model. Russian Journal of Physical Chemistry A, 2011, 85, 1347-1357.	0.1	2
20	Activation parameters of supercritical and gas-phase Î²-pinene thermal isomerization. Russian Journal of Physical Chemistry A, 2011, 85, 1505-1515.	0.1	2
21	Chemical and phase equilibria calculation of Î±-pinene hydration in CO2-expanded liquid. Journal of Supercritical Fluids, 2010, 51, 295-305.	1.6	8
22	Kinetics of thermal conversions of monoterpenic compounds in supercritical lower alcohols. Kinetics and Catalysis, 2010, 51, 162-193.	0.3	3
23	High-pressure thermolysis of sulfate turpentine. Journal of Supercritical Fluids, 2009, 48, 139-145.	1.6	9
24	The thermodynamic characteristics of multicomponent reaction mixtures in the sub- and supercritical states. Russian Journal of Physical Chemistry B, 2009, 3, 1044-1061.	0.2	2
25	Calculation of phase diagrams of heterophase two- and three-component liquid mixtures â€Î±-pineneâ€“waterâ€™ and â€Î±-pineneâ€“waterâ€“ethanolâ€™. Chemical Engineering Science, 2008, 63, 5854-5859.	1.9	1
26	The kinetics of thermal isomerization of Î²-pinene and a mixture of Î²- and Î±-pinenes in supercritical ethanol. Journal of Supercritical Fluids, 2008, 45, 74-79.	1.6	15
27	The influence of water on the isomerization of Î±-pinene in a supercritical aqueous-alcoholic solvent. Russian Journal of Physical Chemistry A, 2008, 82, 62-67.	0.1	9
28	The special features of phase equilibria in Î±-pinene-water binary mixtures in the sub- and supercritical states. Russian Journal of Physical Chemistry A, 2008, 82, 928-932.	0.1	2
29	Thermal isomerization of <mml:math altimg="si94.gif" display="inline" overflow="scroll" xmlns:xocs="http://www.elsevier.com/xml/xocs/dtd" xmlns:xs="http://www.w3.org/2001/XMLSchema" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xmlns="http://www.elsevier.com/xml/ja/dtd" xmlns:ja="http://www.elsevier.com/xml/ja/dtd" xmlns:mml="http://www.w3.org/1998/Math/MathML" xmlns:tb="http://www.elsevier.com/xml/common/table/dtd" xmlns:sb="http://www.elsevier.com/xml/common/struct-bib/dtd" xmlns:ce="http://www.el-Chemical	1.9	19
30	The thermal isomerization of terpene compounds in supercritical alcohols. Russian Journal of Physical Chemistry A, 2007, 81, 711-716.	0.1	16
31	Comparative thermolysis of Î²-and Î±-pinenes in supercritical ethanol: the reaction characterization and enantiomeric ratios of products. Russian Chemical Bulletin, 2007, 56, 1234-1238.	0.4	13
32	Thermolysis of Î±-pinene in supercritical lower alcohols. Russian Chemical Bulletin, 2006, 55, 987-992.	0.4	7
33	Title is missing!. Russian Chemical Bulletin, 2002, 51, 1308-1318.	0.4	5
34	N- and O-Alkylation of 3-indolylcyclopropylacetic acid derivatives. Russian Chemical Bulletin, 2002, 51, 1829-1840.	0.4	4
35	Title is missing!. Russian Chemical Bulletin, 2001, 50, 1410-1418.	0.4	5
36	Michael addition of ethyl acetoacetate to Î±,Î²-unsaturated oximes in the presence of FeCl3: a novel synthetic route to substituted nicotinic acid derivatives. Tetrahedron Letters, 2000, 41, 8011-8013.	0.7	34

#	Article	IF	Citations
37	New pyrazole-, isoxazole- and N-acylpyrazoline derivatives with a pinane carbon frame. Mendeleev Communications, 1996, 6, 18-20.	0.6	8
38	Reaction of certain Î±,Î²-unsaturated terpenic oximes with sodium nitrite in acetic acid: A facile synthesis of allylic nitro compounds. Tetrahedron, 1995, 51, 1789-1808.	1.0	14
39	Stereochemistry of Î±-Amino Oximes From the Monoterpene Hydrocarbons Car-3-ene, Limonene and Î±-Pinene. Australian Journal of Chemistry, 1992, 45, 1077.	0.5	36
40	An Unusual Dimerization in the Nitrosation Reaction of a Caryophyllene-type Î±,Î²-Unsaturated Oxime. Mendeleev Communications, 1992, 2, 82-83.	0.6	1