Maxim O Kazakov

List of Publications by Year
in descending order

48	705	687363 13	642732 23
papers	citations	h-index	g-index

48	48	48	572
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Effect of rare earths on acidity of high-silica ultrastable REY zeolites and catalytic performance of NiMo/REY+Al2O3 catalysts in vacuum gas oil hydrocracking. Microporous and Mesoporous Materials, 2022, 329, 111547.	4.4	9
2	Modification of HDT catalysts of FCC feedstock by adding silica to the kneading paste of alumina support: Advantages and disadvantages. Fuel, 2022, 324, 124555.	6.4	9
3	Graphitization of alumina as a way to stabilize its textural characteristics under hydrothermal conditions. Microporous and Mesoporous Materials, 2022, 341, 112038.	4.4	3
4	Peptization of alumina by ammonia to adjust catalytic properties of NiMo/B-Al2O3 hydrotreating catalysts. Catalysis Today, 2021, 375, 377-392.	4.4	9
5	Influence of zeolite content in NiW/Y-ASA-Al2O3 catalyst for second stage hydrocracking. Catalysis Today, 2021, 377, 50-58.	4.4	12
6	Optimization of grading guard systems for trapping of particulates to prevent pressure drop buildup in gas oil hydrotreater. Fuel, 2021, 285, 119149.	6.4	8
7	Silicon doping effect on the properties of the hydrotreating catalysts of FCC feedstock pretreatment. Applied Catalysis B: Environmental, 2021, 280, 119415.	20.2	22
8	Boosting hydrodesulfurization activity of CoMo/Al2O3 catalyst via selective graphitization of alumina surface. Microporous and Mesoporous Materials, 2021, 317, 111008.	4.4	15
9	Influence of hydrotreatment depth on product composition of fluid catalytic cracking process for light olefins production. Catalysis Today, 2021, 378, 2-9.	4.4	10
10	The effect of Si/Al ratio of zeolite Y in NiW catalyst for second stage hydrocracking. Catalysis Today, 2021, 378, 65-74.	4.4	15
11	Is it possible to reactivate hydrotreating catalyst poisoned by silicon?. Catalysis Today, 2021, 378, 43-56.	4.4	8
12	Comparative study of MWCNT and alumina supported CĐ¾MĐ¾ hydrotreating catalysts prepared with citric acid as chelating agent. Catalysis Today, 2020, 357, 221-230.	4.4	32
13	Influence of alumina precursor on silicon capacity of NiMo/Î³-Al2O3 guard bed catalysts for gas oil hydrotreating. Catalysis Today, 2020, 353, 53-62.	4.4	12
14	Effect of Organic Additives on the Structure and Hydrotreating Activity of a CoMoS/Multiwalled Carbon Nanotube Catalyst. Industrial & Engineering Chemistry Research, 2020, 59, 20612-20623.	3.7	9
15	Conversion of Oil Shale Hydroconversion Products in the Presence of Supported Nickelâ€“Molybdenum Sulfide Catalysts. Petroleum Chemistry, 2020, 60, 744-750.	1.4	1
16	Effect of sulfosalicylic acid treatment on the properties of Beta zeolite and performance of NiW/Beta-based catalysts in hexadecane hydrocracking. Applied Catalysis A: General, 2020, 598, 117573.	4.3	14
17	The influence of B and P in the impregnating solution on the properties of NiMo/Î³-Î´-Al2O3 catalysts for VGO hydrotreating. Catalysis Today, 2019, 329, 2-12.	4.4	21
18	Influence of USY zeolite recrystallization on physicochemical properties and catalytic performance of NiMo/USY-Al2O3 hydrocracking catalysts. Catalysis Today, 2019, 329, 108-115.	4.4	43

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19	Synthesis of layered magnesium-aluminum hydroxide on the Î³-Al2O3 surface for modifying the properties of supported platinum catalysts. Catalysis Today, 2019, 334, 249-257.	4.4	9
20	Guard bed catalysts for silicon removal during hydrotreating of middle distillates. Catalysis Today, 2019, 329, 53-62.	4.4	24
21	Hydrocracking of vacuum gas oil over NiMo/zeolite-Al2O3: Influence of zeolite properties. Fuel, 2019, 237, 178-190.	6.4	56
22	Hydrocracking of Vacuum Gasoil on NiMo/AAS-Al2O3 Catalysts Prepared from Citric Acid: Effect of the Catalyst Heat Treatment Temperature. Catalysis in Industry, 2018, 10, 29-40.	0.7	3
23	CoMoB/Al 2 O 3 catalysts for hydrotreating of diesel fuel. The effect of the way of the boron addition to a support or an impregnating solution. Catalysis Today, 2018, 305, 192-202.	4.4	24
24	Hydrocracking of vacuum gas oil over NiMo/Y-Al2O3: Effect of mesoporosity introduced by zeolite Y recrystallization. Catalysis Today, 2018, 305, 117-125.	4.4	50
25	Effect of Method of Boron Introduction into NiMo/Al2O3 Protective-Layer Catalysts on the Removal of Silicon from Diesel Fractions. Russian Journal of Applied Chemistry, 2018, 91, 2022-2029.	0.5	4
26	Influence of Temperature on the Hydrogenation of Oil Shale from the Kashpir Deposit. Solid Fuel Chemistry, 2018, 52, 26-29.	0.7	1
27	Hydrocracking of Vacuum Gasoil on NiMoW/AAS-Al2O3 Trimetallic Catalysts: Effect of the W : Mo Ratio. Catalysis in Industry, 2018, 10, 20-28.	0.7	5
28	Hydrogenation of Bituminous Sand. Solid Fuel Chemistry, 2018, 52, 110-115.	0.7	0
29	Effect of Composition and Texture Characteristics of NiMo/Al2O3 Guard-Bed Catalysts on Silicon Removal from Diesel Fractions. Petroleum Chemistry, 2017, 57, 1165-1168.	1.4	2
30	Hydroconversion of Oil Shale on Natural Mineral Matrices. Petroleum Chemistry, 2017, 57, 1169-1172.	1.4	4
31	Influence of the conditions of hydrogenation treatment of black oil on the yield and properties of the products obtained. Russian Journal of Applied Chemistry, 2016, 89, 254-262.	0.5	5
32	Hydroprocessing of hydrocracker bottom on Pd containing bifunctional catalysts. Catalysis Today, 2016, 271, 154-162.	4.4	26
33	CoNiMo/Al2O3 catalysts for deep hydrotreatment of vacuum gasoil. Catalysis Today, 2016, 271, 56-63.	4.4	39
34	Ni/SO4 2-$ZrO2 and Ni$Re/SO4 2-$ZrO2 Catalyst for Simultaneous Benzene Alkylation and Alkanes Isomerizatio. Journal of Siberian Federal University: Chemistry, 2016, 9, 89-99.	0.7	1
35	A new catalyst for the deep hydrotreatment of vacuum gas oil, a catalytic cracking feedstock. Catalysis in Industry, 2015, 7, 38-46.	0.7	13
36	Formation of platinum sites on layered double hydroxide type basic supports: III. Effect of the mechanism of [PtCl6]2â^' complex binding to aluminum-magnesium layered double hydroxides on the properties of supported platinum in Pt/MgAlO x catalysts. Kinetics and Catalysis, 2014, 55, 786-792.	1.0	12

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37	Effect of Î³-Al2O3 hydrothermal treatment on the formation and properties of platinum sites in Pt/Î³-Al2O3 catalysts. Applied Catalysis A: General, 2014, 469, 472-482.	4.3	56
38	Use of platinum carbonyl complexes in the synthesis of Pt/MgAlO x catalysts. Kinetics and Catalysis, 2013, 54, 505-510.	1.0	11
39	Biomarkers and adamantanes in crude oils from Cenomanian deposits of northern West Siberia. Russian Geology and Geophysics, 2013, 54, 958-965.	0.7	12
40	Hydroisomerization of benzene-containing gasoline fractions on Pt/SO 4 2â^' -ZrO2-Al2O3 catalyst: Conversion of model and real feedstocks. Catalysis in Industry, 2013, 5, 209-215.	0.7	2
41	Hydroisomerization of benzene-containing gasoline fractions on a Pt/SO 4 2â^' -ZrO2-Al2O3 catalyst: III. The hydrogenating properties of the catalyst. Kinetics and Catalysis, 2012, 53, 101-106.	1.0	4
42	Liquid-phase isobutane alkylation with butenes over aluminum chloride complexes synthesized in situ from activated aluminum and tert-butyl chloride. Kinetics and Catalysis, 2012, 53, 357-362.	1.0	15
43	Hydroisomerization of benzene-containing gasoline fractions on a Pt/SO 4 2â^' -ZrO2-Al2O3 catalyst: II. Effect of chemical composition on acidic and hydrogenating and the occurrence of model isomerization reactions. Kinetics and Catalysis, 2011, 52, 573-578.	1.0	10
44	Investigation of active metal species formation in Pd-promoted sulfated zirconia isomerization catalyst. Applied Catalysis A: General, 2010, 387, 5-12.	4.3	22
45	Hydroisomerization of benzene-containing gasoline fractions on a Pt/SO 4 2â^' -ZrO2-Al2O3 catalyst: I. Effect of chemical composition on the phase state and texture characteristics of SO 4 2â^' -ZrO2-Al2O3 supports. Kinetics and Catalysis, 2010, 51, 438-443.	1.0	10
46	Hydroisomerization of reformed gasoline on the Pt/SO 4 2â^' -ZrO2 catalyst. Petroleum Chemistry, 2009, 49, 218-224.	1.4	6
47	Catalysts on the basis of anion-modified metal oxides for production of ecologically pure components of motor fuels. Russian Journal of General Chemistry, 2007, 77, 2272-2283.	0.8	6
48	FTIR Spectroscopy of Adsorbed Probe Molecules for Analyzing the Surface Properties of Supported Pt (Pd) Catalysts. , 0, , .		21