Valery Yu Prokof'ev

List of Publications by Year
in descending order

24 papers	151 citations	1307594 7 h-index	1199594 12 g-index
24 all docs	24 docs citations	24 times ranked	114 citing authors

#	ARTICLE	IF	CITATIONS
1	Use of Combinations of Ultrasonic Treatment and Microwave Crystallization to Intensify the Synthesis of LTA Zeolite Membranes. Petroleum Chemistry, 2021, 61, 292-298.	1.4	2
2	Study of the Kinetics of Adsorption and Desorption of Water Vapor on Low-Silica Zeolites. Petroleum Chemistry, 2020, 60, 550-556.	1.4	3
3	Thermal Behavior of Mixtures Based on Metakaolin and Sodium Hydroxide. Glass and Ceramics (English Translation of Steklo I Keramika), 2020, 77, 9-14.	0.6	3
4	Study of the kinetics of water desorption on binder-free pellets of SOD and LTA zeolites using model-free isoconversion analyzes. Microporous and Mesoporous Materials, 2019, 280, 116-123.	4.4	7
5	Studying Solid-Phase Processes in Metakaolineâ€"Sodium Hydroxide Mixtures by Means of Isoconversion Analysis. Russian Journal of Physical Chemistry A, 2018, 92, 992-998.	0.6	0
6	Isoconversional Kinetics of Thermal Processes in Mixtures Based on Metakaolin and Sodium Hydroxide. International Journal of Chemical Kinetics, 2018, 50, 515-528.	1.6	1
7	Use of Mechanochemical Activation and Ultrasonic Treatment for the Synthesis of LTA Zeolite. Russian Journal of General Chemistry, 2018, 88, 1981-1989.	0.8	2
8	Production of Granulated NaP Zeolite without Binder. Russian Journal of Applied Chemistry, 2018, 91, 180-186.	0.5	0
9	Use of Ultrasonic Processing at Early Stages of LTA Zeolite Synthesis from Metakaolin. Glass and Ceramics (English Translation of Steklo I Keramika), 2017, 73, 334-337.	0.6	4
10	Synthesis of binder-free granulated low-modular zeolites using ultrasound. Microporous and Mesoporous Materials, 2017, 242, 63-73.	4.4	5
11	Effect of ultrasound on the thermal behavior of the mixtures for the LTA zeolite synthesis based on metakaolin. Journal of Thermal Analysis and Calorimetry, 2017, 129, 1415-1427.	3.6	13
12	The study of the thermal behavior of solid mixtures of metakaolin and sodium hydroxide by isoconversional model-free analyzes. Journal of Physics and Chemistry of Solids, 2017, 110, 297-306.	4.0	3
13	Effect of ultrasound on the synthesis of low-modulus zeolites from a metakaolin. Ultrasonics Sonochemistry, 2016, 33, 210-219.	8.2	19
14	The kinetics of non-isothermal decomposition of the Z/Al(OH)3 mixtures (ZÂ=ÂZnO or) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50.222 Td (Zn	3.6	3
15	The Study of Nonisothermal Kinetics of Dehydration of Gibbsite in a Mixture with Zinc Oxide. International Journal of Chemical Kinetics, 2015, 47, 576-585.	1.6	2
16	Use of ultrasonic treatment for obtaining a sorbent based on zinc compounds and gibbsite. Russian Journal of Applied Chemistry, 2015, 88, 1009-1014.	0.5	0
17	Natural Mechanisms of Mechanochemical Interactions in Oxide Powders. Glass and Ceramics (English) Tj ETQq1 1 0.784314 rgBT /Ov	0.6	9
18	Synthesis of type A zeolite from mechanoactivated metakaolin mixtures. Journal of Materials Science, 2013, 48, 6276-6285.	3.7	15

#	Article	IF	Citations
19	A study of thermal treatment and hydrothermal crystallization stages in production of granulated NaA zeolite from mechanically activated metakaolin. Russian Journal of Applied Chemistry, 2013, 86, 332-338.	0.5	5
20	Investigation of mechanochemical synthesis of zeolite NaA made of metakaolin in the mills with shock-shear type of strain. Russian Journal of Applied Chemistry, 2012, 85, 1077-1082.	0.5	10
21	Masses for catalyst extrusion: Measuring and optimization of molding properties. Kinetics and Catalysis, 2012, 53, 616-619.	1.0	6
22	Comminution and mechanochemical activation in oxide ceramics technology (review). Glass and Ceramics (English Translation of Steklo I Keramika), 2012, 69, 65-70.	0.6	13
23	Mechanochemical synthesis of granulated LTA zeolite from metakaolin. Journal of Materials Science, 2012, 47, 5385-5392.	3.7	24
24	Study of pore texture of sorbents based on kaolin clay. Russian Journal of Applied Chemistry, 2011, 84, 1866-1870.	0.5	2