

# Alina I Mytareva

## List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Removal of VOCs by Ozone: n-Alkane Oxidation under Mild Conditions. <i>Catalysts</i> , 2021, 11, 506.	3.5	10
2	Improvement of Low-Temperature Activity of FeBeta Monolith Catalyst in NH <sub>3</sub> -SCR of NO <sub>x</sub> . <i>Topics in Catalysis</i> , 2019, 62, 86-92.	2.8	10
3	The Role of Protons and Formation Cu(NH <sub>3</sub> ) <sub>2</sub> <sup>+</sup> During Ammonia-Assisted Solid-State Ion Exchange of Copper(I) Oxide into Zeolites. <i>Topics in Catalysis</i> , 2019, 62, 100-107.	2.8	13
4	FeBeta   [Mn/Ce/Ce <sub>0.75</sub> Zr <sub>0.25</sub> O <sub>2</sub> +FeBeta] Dual-Bed Catalyst for the Efficient Synergistic Removal of NO <sub>x</sub> , CO, C <sub>4</sub> H <sub>10</sub> , and NH <sub>3</sub> -Slip. <i>Topics in Catalysis</i> , 2019, 62, 192-197.	2.8	6
5	Detailed Study of Cu Migration in the Course of NH <sub>3</sub> -Facilitated Solid-State Ion-Exchange into *BEA Zeolites. <i>Topics in Catalysis</i> , 2017, 60, 255-259.	2.8	9
6	New Insights into the Mechanism of Synergistic Effect for [CeO <sub>2</sub> +ZrO <sub>2</sub> +H-Beta] CombiCat in NH <sub>3</sub> -SCR. <i>Topics in Catalysis</i> , 2016, 59, 919-924.	2.8	9
7	Composite catalysts for selective catalytic reduction of NO <sub>x</sub> and oxidation of residual NH <sub>3</sub> . <i>Petroleum Chemistry</i> , 2016, 56, 211-216.	1.4	8
8	In situ XPS study of the size effect in the interaction of NO with the surface of the model Ag/Al <sub>2</sub> O <sub>3</sub> /FeCrAl catalysts. <i>Russian Chemical Bulletin</i> , 2015, 64, 2780-2785.	1.5	14
9	Combined catalytic systems for enhanced low-temperature NO abatement. <i>Catalysis Today</i> , 2015, 258, 183-189.	4.4	24
10	Combined NO <sub>x</sub> Selective Catalytic Reduction and NH <sub>3</sub> -slip Oxidation Activity of Composite [Fe-Beta + Fe(Mn)MCM-48] Catalysts. <i>Mendeleev Communications</i> , 2014, 24, 313-315.	1.6	6
11	Fast and Standard Selective Catalytic Reduction in NH <sub>3</sub> -DeNO <sub>x</sub> : Pathways Discrimination as a Key Step for the Understanding of Kinetics. <i>Mendeleev Communications</i> , 2014, 24, 311-312.	1.6	6
12	Contribution of (NO <sub>3</sub> ) <sub>surf</sub> Reduction to the Overall Mechanism of H <sub>2</sub> -Promoted n-C <sub>6</sub> H <sub>14</sub> -DeNO <sub>x</sub> Over Ag/Al <sub>2</sub> O <sub>3</sub> . <i>Topics in Catalysis</i> , 2013, 56, 187-192.	2.8	4
13	Empirical relationships between crude-oil characteristics. <i>Chemistry and Technology of Fuels and Oils</i> , 2012, 48, 403-408.	0.5	0
14	Carbamide-containing complexes of lanthanides: competition of hydrogen bonding and polyiodide ion formation. <i>Mendeleev Communications</i> , 2011, 21, 204-205.	1.6	6
15	Mechanism of H <sub>2</sub> -promoted oxidation of nitrogen monoxide over Ag/Al <sub>2</sub> O <sub>3</sub> . <i>Mendeleev Communications</i> , 2011, 21, 274-276.	1.6	2