

Tetiana V Kulik

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Catalytic Pyrolysis of Lignin Model Compounds (Pyrocatechol, Guaiacol, Vanillic and Ferulic Acids) over Nanoceria Catalyst for Biomass Conversion. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 7205.	2.5	9
2	Secondary structure of muramyl dipeptide glycoside in pristine state and immobilized on nanosilica surface. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2021, 631, 127724.	4.7	2
3	Decarboxylation of p-Coumaric Acid during Pyrolysis on the Nanoceria Surface. <i>Colloids and Interfaces</i> , 2021, 5, 48.	2.1	4
4	Catalytic Pyrolysis of Lignin Model Compound (Ferulic Acid) over Alumina: Surface Complexes, Kinetics, and Mechanisms. <i>Catalysts</i> , 2021, 11, 1508.	3.5	5
5	Catalytic Pyrolysis of Aliphatic Carboxylic Acids into Symmetric Ketones over Ceria-Based Catalysts: Kinetics, Isotope Effect and Mechanism. <i>Catalysts</i> , 2020, 10, 179.	3.5	19
6	Rice Husk Hydrolytic Lignin Transformation in Carbonization Process. <i>Molecules</i> , 2019, 24, 3075.	3.8	10
7	Thermal Transformation of Caffeic Acid on the Nanoceria Surface Studied by Temperature Programmed Desorption Mass-Spectrometry, Thermogravimetric Analysis and FT-IR Spectroscopy. <i>Colloids and Interfaces</i> , 2019, 3, 34.	2.1	20
8	Kinetics of Valeric Acid Ketonization and Ketenization in Catalytic Pyrolysis on Nanosized SiO_2 , Al_2O_3 , $\text{CeO}_2/\text{SiO}_2$, $\text{Al}_2\text{O}_3/\text{SiO}_2$ and $\text{TiO}_2/\text{SiO}_2$. <i>ChemPhysChem</i> , 2017, 18, 1943-1955.	2.1	30
9	Dimethylsilanone Generation from Pyrolysis of Polysiloxanes Filled with Nanosized Silica and Ceria/Silica. <i>ChemPlusChem</i> , 2016, 81, 1003-1013.	2.8	15
10	Thermal transformation of bioactive caffeic acid on fumed silica seen by UV-Vis spectroscopy, thermogravimetric analysis, temperature programmed desorption mass spectrometry and quantum chemical methods. <i>Journal of Colloid and Interface Science</i> , 2016, 470, 132-141.	9.4	21
11	Thermal and hydrolytic stability of grafted ester groups of carboxylic acids on the silica surface. <i>Journal of Thermal Analysis and Calorimetry</i> , 2015, 122, 517-523.	3.6	8
12	Chemisorption and thermally induced transformations of polydimethylsiloxane on the surface of nanoscale silica and ceria/silica. <i>Polymer Degradation and Stability</i> , 2015, 120, 203-211.	5.8	19
13	Investigation of chemical transformations of thiophenylglycoside of muramyl dipeptide on the fumed silica surface using TPD-MS, FTIR spectroscopy and ES IT MS. <i>Nanoscale Research Letters</i> , 2014, 9, 234.	5.7	10
14	Study of the Thermal Decomposition of Some Components of Biomass by Desorption Mass Spectrometry. <i>Springer Proceedings in Physics</i> , 2014, , 19-25.	0.2	9
15	Use of TPD-MS and Linear Free Energy Relationships for Assessing the Reactivity of Aliphatic Carboxylic Acids on a Silica Surface. <i>Journal of Physical Chemistry C</i> , 2012, 116, 570-580.	3.1	27
16	Mass spectrometric investigation of synthetic glycoside of muramyl dipeptide immobilized on fumed silica surface. <i>Materials Science and Engineering B: Solid-State Materials for Advanced Technology</i> , 2010, 169, 114-118.	3.5	2