

# Sonia Damyanova

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/989740/publications.pdf>

Version: 2024-02-01

25  
papers

3,278  
citations

304743

22  
h-index

580821

25  
g-index

25  
all docs

25  
docs citations

25  
times ranked

3595  
citing authors

#	ARTICLE	IF	CITATIONS
1	Characterization of ceria-coated alumina carrier. <i>Applied Catalysis A: General</i> , 2002, 234, 271-282.	4.3	286
2	Effect of the ZrO <sub>2</sub> phase on the structure and behavior of supported Cu catalysts for ethanol conversion. <i>Journal of Catalysis</i> , 2013, 307, 1-17.	6.2	255
3	Effect of CeO <sub>2</sub> loading on the surface and catalytic behaviors of CeO <sub>2</sub> -Al <sub>2</sub> O <sub>3</sub> -supported Pt catalysts. <i>Applied Catalysis A: General</i> , 2003, 253, 135-150.	4.3	234
4	The effect of CeO <sub>2</sub> on the surface and catalytic properties of Pt/CeO <sub>2</sub> -ZrO <sub>2</sub> catalysts for methane dry reforming. <i>Applied Catalysis B: Environmental</i> , 2009, 89, 149-159.	20.2	218
5	Study of the surface and redox properties of ceria-zirconia oxides. <i>Applied Catalysis A: General</i> , 2008, 337, 86-96.	4.3	213
6	Structural and surface features of PtNi catalysts for reforming of methane with CO <sub>2</sub> . <i>Applied Catalysis A: General</i> , 2007, 323, 188-201.	4.3	204
7	Toward Understanding Metal-Catalyzed Ethanol Reforming. <i>ACS Catalysis</i> , 2015, 5, 3841-3863.	11.2	188
8	Surface Characterization of Zirconia-Coated Alumina and Silica Carriers. <i>Journal of Catalysis</i> , 1997, 168, 421-430.	6.2	186
9	Ni-based catalysts for reforming of methane with CO <sub>2</sub> . <i>International Journal of Hydrogen Energy</i> , 2012, 37, 15966-15975.	7.1	158
10	MCM-41 supported PdNi catalysts for dry reforming of methane. <i>Applied Catalysis B: Environmental</i> , 2009, 92, 250-261.	20.2	143
11	The effect of ceria content on the properties of Pd/CeO <sub>2</sub> /Al <sub>2</sub> O <sub>3</sub> catalysts for steam reforming of methane. <i>Applied Catalysis A: General</i> , 2007, 316, 107-116.	4.3	141
12	Alumina-supported Ni catalysts modified with silver for the steam reforming of methane: Effect of Ag on the control of coke formation. <i>Applied Catalysis A: General</i> , 2007, 330, 12-22.	4.3	139
13	The effect of ceria content on the performance of Pt/CeO/Al <sub>2</sub> O <sub>3</sub> catalysts in the partial oxidation of methane. <i>Applied Catalysis A: General</i> , 2005, 290, 123-132.	4.3	121
14	Effect of mixed titania-alumina supports on the phase composition of NiMo/TiO <sub>2</sub> /Al <sub>2</sub> O <sub>3</sub> catalysts. <i>Applied Catalysis A: General</i> , 1995, 125, 257-269.	4.3	113
15	Surface Behavior of Alumina-Supported Pt Catalysts Modified with Cerium as Revealed by X-ray Diffraction, X-ray Photoelectron Spectroscopy, and Fourier Transform Infrared Spectroscopy of CO Adsorption. <i>Journal of Physical Chemistry B</i> , 2004, 108, 5349-5358.	2.6	107
16	Effect of Cu content on the surface and catalytic properties of Cu/ZrO <sub>2</sub> catalyst for ethanol dehydrogenation. <i>Journal of Molecular Catalysis A</i> , 2014, 381, 26-37.	4.8	96
17	Structure and redox properties of Co promoted Ni/Al <sub>2</sub> O <sub>3</sub> catalysts for oxidative steam reforming of ethanol. <i>Applied Catalysis B: Environmental</i> , 2011, 105, 346-360.	20.2	95
18	Characterization of molybdenum hydrodesulfurization catalysts supported on ZrO <sub>2</sub> -Al <sub>2</sub> O <sub>3</sub> and ZrO <sub>2</sub> -SiO <sub>2</sub> carriers. <i>Applied Catalysis A: General</i> , 2002, 224, 271-284.	4.3	94

#	ARTICLE	IF	CITATIONS
19	Immobilization of 12-molybdophosphoric and 12-tungstophosphoric acids on metal-substituted hexagonal mesoporous silica. <i>Applied Catalysis A: General</i> , 2003, 256, 183-197.	4.3	92
20	HDS of dibenzothiophene over polyphosphates supported on mesoporous silica. <i>Journal of Catalysis</i> , 2004, 223, 86-97.	6.2	78
21	Characterization of none and yttrium-modified Ni-based catalysts for dry reforming of methane. <i>Applied Catalysis B: Environmental</i> , 2020, 278, 119335.	20.2	52
22	The surface and catalytic properties of titania-supported mixed PMoV heteropoly compounds for total oxidation of chlorobenzene. <i>Applied Catalysis A: General</i> , 2007, 319, 14-24.	4.3	36
23	Promoting effect of Pt in Ni-based catalysts for CH <sub>4</sub> reforming. <i>Reaction Kinetics and Catalysis Letters</i> , 2007, 91, 241-248.	0.6	15
24	The effect of synthesis conditions on the physicochemical properties of magnesium aluminate materials. <i>Ceramics International</i> , 2018, 44, 326-332.	4.8	8
25	Molybdenum HDS catalysts supported on niobia-silica. <i>Reaction Kinetics and Catalysis Letters</i> , 2003, 79, 35-42.	0.6	6