

# Olga Solcova

## List of Publications by Year in descending order

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18  
papers

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1307594

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1281871

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docs citations

19  
times ranked

138  
citing authors

#	ARTICLE	IF	CITATIONS
1	A Comparative LCA of Aeroponic, Hydroponic, and Soil Cultivations of Bioactive Substance Producing Plants. Sustainability, 2022, 14, 2421.	3.2	13
2	Environmental aspects and economic evaluation of new green hydrolysis method for waste feather processing. Clean Technologies and Environmental Policy, 2021, 23, 1863-1872.	4.1	7
3	Nickel Silicide Catalyst from Photovoltaic Waste for the Methanation Reaction. Minerals (Basel), Tj ETQq1 1 0.784314 rgBT /Overlock 2.0	2.0	1
4	The role of titania layers in decomposition of endocrine disruptors under UV Light. Journal of Sol-Gel Science and Technology, 2018, 88, 22-32.	2.4	3
5	Total Germanium Recycling from Electronic and Optical Waste. Industrial & Engineering Chemistry Research, 2018, 57, 8855-8862.	3.7	6
6	Waste Photovoltaic Panels for Ultrapure Silicon and Hydrogen through the Low-Temperature Magnesium Silicide. Industrial & Engineering Chemistry Research, 2017, 56, 12863-12869.	3.7	5
7	Photocatalytic water treatment on TiO <sub>2</sub> thin layers. Desalination and Water Treatment, 2016, 57, 11631-11638.	1.0	15
8	Microalgae for Bioenergy: Key Technology Nodes. Scientific World Journal, The, 2015, 2015, 1-6.	2.1	2
9	A facile synthesis of well-defined titania nanocrystallites: Study on their growth, morphology and surface properties. Microporous and Mesoporous Materials, 2012, 154, 187-195.	4.4	8
10	Comparison of transport characteristics and textural properties of porous material; the role of pore sizes and their distributions. Studies in Surface Science and Catalysis, 2007, 160, 217-224.	1.5	3
11	Liquid Expulsion Permporometry - a Tool for Obtaining the Distribution of Flow-Through Pores. Particle and Particle Systems Characterization, 2006, 23, 40-47.	2.3	2
12	Diffusion coefficients and other transport characteristics of peculiarly shaped porous materials in the single pellet-string column. Microporous and Mesoporous Materials, 2006, 91, 100-106.	4.4	7
13	Effective diffusivities and pore-transport characteristics of washcoated ceramic monolith for automotive catalytic converter. Chemical Engineering Science, 2006, 61, 5934-5943.	3.8	34
14	Axial dispersion in single pellet-string columns packed with unusually shaped porous pellets. Chemical Engineering Journal, 2005, 110, 11-18.	12.7	3
15	Axial dispersion in single pellet-string columns with non-porous packing. Chemical Engineering Science, 2004, 59, 1301-1307.	3.8	7
16	Gas permeation in porous solids: Two measurement modes. Chemical Engineering Communications, 2003, 190, 48-64.	2.6	7
17	Determination of effective diffusivities and transport parameters of porous solids in the Single-Pellet-String-Column. Catalysis Today, 1997, 38, 71-77.	4.4	2
18	Extra-Column Effects in Determination of Rate Parameters by the Chromatographic Method. Collection of Czechoslovak Chemical Communications, 1996, 61, 844-855.	1.0	7