

# Olga Solcova

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1690438/publications.pdf>

Version: 2024-02-01

18  
papers

132  
citations

1307594

7  
h-index

1281871

11  
g-index

19  
all docs

19  
docs citations

19  
times ranked

138  
citing authors

#	ARTICLE	IF	CITATIONS
1	Effective diffusivities and pore-transport characteristics of washcoated ceramic monolith for automotive catalytic converter. <i>Chemical Engineering Science</i> , 2006, 61, 5934-5943.	3.8	34
2	Photocatalytic water treatment on TiO <sub>2</sub> thin layers. <i>Desalination and Water Treatment</i> , 2016, 57, 11631-11638.	1.0	15
3	A Comparative LCA of Aeroponic, Hydroponic, and Soil Cultivations of Bioactive Substance Producing Plants. <i>Sustainability</i> , 2022, 14, 2421.	3.2	13
4	A facile synthesis of well-defined titania nanocrystallites: Study on their growth, morphology and surface properties. <i>Microporous and Mesoporous Materials</i> , 2012, 154, 187-195.	4.4	8
5	Gas permeation in porous solids: Two measurement modes. <i>Chemical Engineering Communications</i> , 2003, 190, 48-64.	2.6	7
6	Axial dispersion in single pellet-string columns with non-porous packing. <i>Chemical Engineering Science</i> , 2004, 59, 1301-1307.	3.8	7
7	Diffusion coefficients and other transport characteristics of peculiarly shaped porous materials in the single pellet-string column. <i>Microporous and Mesoporous Materials</i> , 2006, 91, 100-106.	4.4	7
8	Environmental aspects and economic evaluation of new green hydrolysis method for waste feather processing. <i>Clean Technologies and Environmental Policy</i> , 2021, 23, 1863-1872.	4.1	7
9	Extra-Column Effects in Determination of Rate Parameters by the Chromatographic Method. <i>Collection of Czechoslovak Chemical Communications</i> , 1996, 61, 844-855.	1.0	7
10	Total Germanium Recycling from Electronic and Optical Waste. <i>Industrial &amp; Engineering Chemistry Research</i> , 2018, 57, 8855-8862.	3.7	6
11	Waste Photovoltaic Panels for Ultrapure Silicon and Hydrogen through the Low-Temperature Magnesium Silicide. <i>Industrial &amp; Engineering Chemistry Research</i> , 2017, 56, 12863-12869.	3.7	5
12	Axial dispersion in single pellet-string columns packed with unusually shaped porous pellets. <i>Chemical Engineering Journal</i> , 2005, 110, 11-18.	12.7	3
13	Comparison of transport characteristics and textural properties of porous material; the role of pore sizes and their distributions. <i>Studies in Surface Science and Catalysis</i> , 2007, 160, 217-224.	1.5	3
14	The role of titania layers in decomposition of endocrine disruptors under UV Light. <i>Journal of Sol-Gel Science and Technology</i> , 2018, 88, 22-32.	2.4	3
15	Determination of effective diffusivities and transport parameters of porous solids in the Single-Pellet-String-Column. <i>Catalysis Today</i> , 1997, 38, 71-77.	4.4	2
16	Liquid Expulsion Permporometry - a Tool for Obtaining the Distribution of Flow-Through Pores. <i>Particle and Particle Systems Characterization</i> , 2006, 23, 40-47.	2.3	2
17	Microalgae for Bioenergy: Key Technology Nodes. <i>Scientific World Journal</i> , The, 2015, 2015, 1-6.	2.1	2
18	Nickel Silicide Catalyst from Photovoltaic Waste for the Methanation Reaction. <i>Minerals (Basel)</i> , Tj ETQq0 0 0 rgBT /Q Overlock_10 Tf 50 6.	2.0	1