Stanislav I Dvoretsky

List of Publications by Year
in descending order

13 papers	49 citations	1684188 5 h-index	1720034 7 g-index
13 all docs	13 docs citations	13 times ranked	42 citing authors

#	Article	IF	Citations
1	Mathematical modelling of cyclic pressure swing adsorption processes. Journal of Physics: Conference Series, 2018, 1015, 032002.	0.4	5
2	Preparation of calcium peroxide in a UHF field at atmospheric pressure. Russian Journal of Applied Chemistry, 2017, 90, 657-659.	0.5	0
3	Modeling the process of chemical regeneration of air in airtight habitable facilities. Russian Journal of Physical Chemistry B, 2017, 11, 594-599.	1.3	2
4	Nanocrystalline calcium peroxide: Synthesis, thermal and chemosorption properties. Russian Journal of Inorganic Chemistry, 2016, 61, 1070-1073.	1.3	4
5	Phase composition of the carbonatization product of nanocrystalline KO2 deposited on a glass fiber matrix. Inorganic Materials, 2016, 52, 459-463.	0.8	1
6	Preparation and properties of a lime chemisorbent with fluoropolymer dispersion. Russian Journal of Applied Chemistry, 2016, 89, 1206-1209.	0.5	0
7	Kinetics of carbon dioxide chemisorption and oxygen release under static conditions by nanocrystalline KO2 deposited on a fiber-glass matrix. Russian Journal of Applied Chemistry, 2015, 88, 1015-1019.	0.5	2
8	Integrated design of flexible chemical processes, devices, and control systems. Theoretical Foundations of Chemical Engineering, 2014, 48, 614-621.	0.7	6
9	A new approach to the optimal design of industrial chemical-engineering apparatuses. Theoretical Foundations of Chemical Engineering, 2012, 46, 437-445.	0.7	11
10	New approaches to the integrated synthesis of flexible automated chemical engineering systems. Theoretical Foundations of Chemical Engineering, 2010, 44, 67-75.	0.7	5
11	Integrated design of power- and resource-saving chemical processes and process control systems: Strategy, methods, and application. Theoretical Foundations of Chemical Engineering, 2008, 42, 26-36.	0.7	11
12	Integrated design of energy-saving chemical process systems: strategy, methods and implementation. Computer Aided Chemical Engineering, 2006, 21, 521-526.	0.5	2
13	New problem statements, algorithms and problems of integrated design of flexible chemical processes and automatic control systems. Computer Aided Chemical Engineering, 2004, , 397-402.	0.5	0