Muslim Dvoyashkin

List of Publications by Year
in descending order

12	458	1307594 7	1199594 12
papers	citations	h-index	g-index

13	13	13	849
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Flow MAS NMR for In Situ Monitoring of Carbon Dioxide Capture and Hydrogenation Using Nanoporous Solids. Journal of Physical Chemistry C, 2021, 125, 10219-10225.	3.1	5
2	Molecular Diffusion in a Flexible Mesoporous Metalâ€“Organic Framework over the Course of Structural Contraction. Journal of Physical Chemistry Letters, 2020, 11, 9696-9701.	4.6	8
3	Synthesis of highly active ETS-10-based titanosilicate for heterogeneously catalyzed transesterification of triglycerides. Beilstein Journal of Nanotechnology, 2019, 10, 2039-2061.	2.8	2
4	Diffusion of methyl oleate in hierarchical micro-/mesoporous TS-1-based catalysts probed by PFG NMR spectroscopy. RSC Advances, 2018, 8, 38941-38944.	3.6	9
5	In Situ and in Operando Characterization of Mixing Dynamics in Liquidâ€Phase Reactions by ¹²⁹Xe NMR Spectroscopy. ChemPhysChem, 2017, 18, 1513-1516.	2.1	1
6	Future Challenges in Heterogeneous Catalysis: Understanding Catalysts under Dynamic Reaction Conditions. ChemCatChem, 2017, 9, 17-29.	3.7	304
7	Squeezing xenon into phenylether bis-urea nanochannels. Canadian Journal of Chemistry, 2015, 93, 1031-1034.	1.1	4
8	Crystalline Bis-urea Nanochannel Architectures Tailored for Single-File Diffusion Studies. ACS Nano, 2015, 9, 6343-6353.	14.6	20
9	Single-File Nanochannel Persistence Lengths from NMR. Analytical Chemistry, 2014, 86, 2200-2204.	6.5	17
10	Xenon in <scp>l</scp>-Alanyl-<scp>l</scp>-Valine Nanochannels: A Highly Ideal Molecular Single-File System. Journal of Physical Chemistry Letters, 2013, 4, 3263-3267.	4.6	22
11	Diffusion of Tetrafluoromethane in Single-Walled Aluminosilicate Nanotubes: Pulsed Field Gradient NMR and Molecular Dynamics Simulations. Journal of Physical Chemistry C, 2012, 116, 21350-21355.	3.1	36
12	Pulsed field gradient NMR study of surface diffusion in mesoporous adsorbents. Microporous and Mesoporous Materials, 2009, 125, 58-62.	4.4	30