

Muslim Dvoyashkin

List of Publications by Year in descending order

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12
papers

458
citations

1307594

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1199594

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849
citing authors

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