

Maxim V Peskov

List of Publications by Year in descending order

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Version: 2024-02-01

18
papers

2,267
citations

1039880

9
h-index

887953

17
g-index

20
all docs

20
docs citations

20
times ranked

3074
citing authors

#	ARTICLE	IF	CITATIONS
1	Methane sorption in a family of qzd-MOFs: A multiscale computational study. <i>Chemical Engineering Journal</i> , 2020, 384, 123296.	6.6	5
2	Outstanding methane gravimetric working capacity of computationally designed rhr-MOFs. <i>Microporous and Mesoporous Materials</i> , 2019, 290, 109621.	2.2	1
3	Computational Tuning of the Paddlewheel tcb-MOF Family for Advanced Methane Sorption. <i>ACS Applied Energy Materials</i> , 2019, 2, 222-231.	2.5	4
4	First-Principles Determination of the K-Conductivity Pathways in $KAlO_2$. <i>Journal of Physical Chemistry C</i> , 2015, 119, 9092-9098.	1.5	9
5	Photophysical properties of open-framework germanates templated by nickel complexes. <i>Physical Chemistry Chemical Physics</i> , 2014, 16, 10891.	1.3	2
6	Electronic and Magnetic Properties of Infinite 1D Chains of Paddlewheel Carboxylates $M_2(COOR)_4$ (M = Mo, W, Ru, Rh, Ir, Cu). <i>Journal of Physical Chemistry C</i> , 2013, 117, 5462-5469.	1.5	10
7	First-principles modeling of interfaces between solids with large lattice mismatch: The prototypical $CoO(111)/Ni(111)$ interface. <i>Physical Review B</i> , 2012, 86, .	1.1	7
8	Computer-Aided Modeling of Aluminophosphate Zeolites As Packings of Building Units. <i>Journal of Physical Chemistry C</i> , 2012, 116, 6734-6744.	1.5	19
9	Complex Open-Framework Germanate Built by 8-Coordinated Ge_{10} Clusters. <i>Inorganic Chemistry</i> , 2012, 51, 12260-12265.	1.9	6
10	SU-62: Synthesis and Structure Investigation of a Germanate with a Novel Three-Dimensional Net and Interconnected 10- and 14-Ring Channels. <i>Crystal Growth and Design</i> , 2012, 12, 369-375.	1.4	13
11	A series of isostructural mesoporous metal-organic frameworks obtained by ion-exchange induced single-crystal to single-crystal transformation. <i>Dalton Transactions</i> , 2012, 41, 3953.	1.6	127
12	Germanates Built from $Ge_{10}(O, OH)_{27-28}$ and $Ge_7(O, OH)_T$ ETQqO O O rgBT /Overlock 10 Tf Design of Novel Structures. <i>Journal of Physical Chemistry C</i> , 2011, 115, 7729-7739.	1.5	14
13	Two Open-Framework Germanates with Nickel Complexes Incorporated into the Framework. <i>Inorganic Chemistry</i> , 2011, 50, 9921-9923.	1.9	19
14	The Reticular Chemistry Structure Resource (RCSR) Database of, and Symbols for, Crystal Nets. <i>Accounts of Chemical Research</i> , 2008, 41, 1782-1789.	7.6	1,953
15	A comparative crystallochemical analysis of binary compounds and simple anhydrous salts containing pyramidal anions LO_3 (L = S, Se, Te, Cl, Br, I). <i>Acta Crystallographica Section B: Structural Science</i> , 2006, 62, 457-466.	1.8	71
16	Comparative crystal-chemical analysis of simple sulfites and selenites and binary compounds. <i>Russian Journal of Inorganic Chemistry</i> , 2006, 51, 581-589.	0.3	2
17	Comparative crystal-chemical analysis of d-metal sulfides, selenides, and tellurides and binary compounds. <i>Russian Journal of Inorganic Chemistry</i> , 2006, 51, 590-598.	0.3	3
18	Comparative crystal-chemical analysis of anhydrous salts $My(TQ_4)_z$ (T = Si, Ge, P, As; Q = S, Se, Te) and binary compounds. <i>Russian Journal of Inorganic Chemistry</i> , 2006, 51, 759-768.	0.3	2