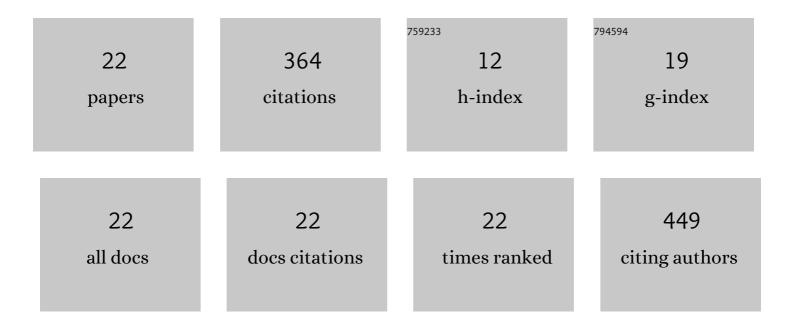
Yuriy G Bushuev

List of Publications by Year in descending order

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| # | Article | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | Subnanometer Topological Tuning of the Liquid Intrusion/Extrusion Characteristics of Hydrophobic Micropores. Nano Letters, 2022, 22, 2164-2169. | 9.1 | 11 |
| 2 | Effect of the Topology on Wetting and Drying of Hydrophobic Porous Materials. ACS Applied Materials & amp; Interfaces, 2022, 14, 30067-30079. | 8.0 | 6 |
| 3 | Molecular dynamics simulations of aqueous glycine solutions. CrystEngComm, 2017, 19, 7197-7206. | 2.6 | 15 |
| 4 | Molecular dynamics simulations of 18-crown-6 aqueous solutions. Journal of Molecular Liquids, 2016, 224, 825-831. | 4.9 | 4 |
| 5 | Using simulation to understand the structure and properties of hydrated amorphous calcium carbonate. CrystEngComm, 2016, 18, 92-101. | 2.6 | 19 |
| 6 | Stability and Structure of Hydrated Amorphous Calcium Carbonate. Crystal Growth and Design, 2015, 15, 5269-5279. | 3.0 | 48 |
| 7 | Water–Hydrophobic Zeolite Systems. Journal of Physical Chemistry C, 2012, 116, 24916-24929. | 3.1 | 34 |
| 8 | Atomistic Simulation of Water Intrusion–Extrusion in ITQ-4 (IFR) and ZSM-22 (TON): The Role of Silanol Defects. Journal of Physical Chemistry C, 2011, 115, 21942-21953. | 3.1 | 25 |
| 9 | Atomistic simulations of water and organic templates occluded during the synthesis of zeolites. Microporous and Mesoporous Materials, 2010, 129, 42-53. | 4.4 | 23 |
| 10 | The Structural Directing Role of Water and Hydroxyl Groups in the Synthesis of Beta Zeolite Polymorphs. Journal of Physical Chemistry C, 2010, 114, 345-356. | 3.1 | 27 |
| 11 | Feasibility of Pure Silica Zeolites. Journal of Physical Chemistry C, 2010, 114, 19157-19168. | 3.1 | 38 |
| 12 | Molecular dynamics simulation of the kinetics of nucleation of supercooled NaCl melt clusters. Russian Journal of Physical Chemistry A, 2009, 83, 630-636. | 0.6 | 1 |
| 13 | Atomistic Simulations of Structural Defects and Water Occluded in SSZ-74 Zeolite. Journal of Physical Chemistry C, 2009, 113, 10877-10886. | 3.1 | 38 |
| 14 | Influence of the size of fixed-rigidity spheres on the structural and energy characteristics of hydrophobic hydration. Russian Chemical Bulletin, 2008, 57, 1811-1820. | 1.5 | 4 |
| 15 | Structure modification in crystallizations according to molecular dynamic simulations of NaCl clusters. Journal of Structural Chemistry, 2008, 49, 870-875. | 1.0 | Ο |
| 16 | Molecular Dynamics Investigation of the Transient Regime in the Freezing of Salt Clusters. Journal of Physical Chemistry B, 2007, 111, 1712-1720. | 2.6 | 14 |
| 17 | Water-methanol-benzene ternary system. Thermochemical experiment and computer simulation. Journal of Structural Chemistry, 2006, 47, S66-S72. | 1.0 | 2 |
| 18 | New intermolecular interaction potential for simulation of water and aqueous solutions in a wide range of state parameters. Russian Chemical Bulletin, 2004, 53, 742-750. | 1.5 | 1 |

Yuriy G Bushuev

| # | Article | IF | CITATIONS |
|----|--|-----|-----------|
| 19 | Structural properties of liquid acetone. Russian Chemical Bulletin, 1999, 48, 25-34. | 1.5 | 14 |
| 20 | Structural properties of liquid water. Russian Chemical Bulletin, 1999, 48, 831-841. | 1.5 | 7 |
| 21 | Properties of the network of the hydrogen bonds of water. Russian Chemical Bulletin, 1997, 46, 888-891. | 1.5 | 7 |
| 22 | Determination of the intermolecular interaction parameters in the water-amide systems based on the data of the excess thermodynamic functions. Journal of Thermal Analysis, 1995, 45, 687-693. | 0.6 | 26 |