

# Sergey Makaev

## List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Operation of Three-Stage Process of Lithium Recovery from Geothermal Brine: Simulation. Membranes, 2021, 11, 175.	3.0	12
2	Express Method of Preparation of Hollow Fiber Membrane Samples for Spinning Solution Optimization: Polysulfone as Example. Membranes, 2021, 11, 396.	3.0	11
3	Thin-film distillation coupled with membrane condenser for brine solutions concentration. Desalination, 2021, 503, 114956.	8.2	13
4	Hybrid Microporous Polymeric Materials with Outstanding Permeability and Increased Gas Transport Stability: PTMSP Aging Prevention by Sorption of the Polymerization Catalyst on HCPS. Polymers, 2021, 13, 1922.	4.5	2
5	Phase equilibrium in the ternary system water-ethylene glycol-dimethyl sulfoxide. Mendeleev Communications, 2021, 31, 890-892.	1.6	0
6	Phase diagram of the water-monoethanolamine system. Mendeleev Communications, 2020, 30, 534-536.	1.6	5
7	Aging of Thin-Film Composite Membranes Based on Crosslinked PTMSP/PEI Loaded with Highly Porous Carbon Nanoparticles of Infrared Pyrolyzed Polyacrylonitrile. Membranes, 2020, 10, 419.	3.0	7
8	High Selective Composite Polyalkylmethylsiloxane Membranes for Pervaporative Removal of MTBE from Water: Effect of Polymer Side-chain. Polymers, 2020, 12, 1213.	4.5	10
9	Phase Diagram of the Monoethanolamine-Dimethyl Sulfoxide System according to the Data of Differential Scanning Calorimetry. Russian Journal of Inorganic Chemistry, 2019, 64, 1054-1058.	1.3	2
10	Phase diagram of the monoethanolamine-dioxane system. Mendeleev Communications, 2019, 29, 693-695.	1.6	3
11	INVESTIGATION OF SOLID PHASE BEHAVIOR DURING PROCESS OF ACIDIC DECOMPOSITION OF POLPINO PHOSPHORITE. ChemChemTech, 2017, 60, 47.	0.3	1
12	Gel decomposition and formation of MgFe <sub>1.6</sub> Ga <sub>0.4</sub> O <sub>4</sub> powders. Russian Journal of Inorganic Chemistry, 2016, 61, 1026-1030.	1.3	2
13	Phase diagram of the ethylene glycol-dioxane system in the temperature range from ~90 to 25°C. Russian Journal of Physical Chemistry A, 2012, 86, 1745-1746.	0.6	2
14	Salt deposition from hydrothermal solutions in a flow reactor. Russian Journal of Physical Chemistry B, 2011, 5, 1045-1055.	1.3	8
15	Phase diagram of BaCl <sub>2</sub> -NaCl-H <sub>2</sub> O at temperatures up to 530°C and pressures up to 150 MPa. Russian Journal of Physical Chemistry B, 2011, 5, 1173-1188.	1.3	7
16	Electrochemical intercalation of lithium into nanocrystalline ceria. Russian Journal of Inorganic Chemistry, 2010, 55, 991-994.	1.3	7