

# Andrey A Akatov

## List of Publications by Year in descending order

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17  
papers

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1478505

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1125743

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times ranked

161  
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#	ARTICLE	IF	CITATIONS
1	Ceramic Composite Matrices Based on the LaPO <sub>4</sub> –ZrO <sub>2</sub> System: Preparation and Properties. Glass Physics and Chemistry, 2021, 47, 665-670.	0.7	2
2	Ceramic Matrix Composites Based on Lanthanum Orthophosphate for Disposal of High-Level Radioactive Waste. Glass Physics and Chemistry, 2019, 45, 565-572.	0.7	9
3	Radiation-Stimulated Oxidation of Naturally Aged Polyethylene Films. Russian Journal of Applied Chemistry, 2019, 92, 1210-1214.	0.5	0
4	Physicochemical Properties of Ceramics Based on a LaPO <sub>4</sub> –DyPO <sub>4</sub> System. Glass Physics and Chemistry, 2019, 45, 268-271.	0.7	1
5	Improving the efficiency of fixed radionuclides™ removal by chemical decontamination of surfaces in situ. Nuclear Energy and Technology, 2019, 5, 155-161.	0.2	5
6	Sol-Gel Synthesis, Thermal Behavior of Nanopowders and Chemical Stability of La <sub>1-x</sub> HoxPO <sub>4</sub> Ceramic Matrices. Glass Physics and Chemistry, 2018, 44, 440-449.	0.7	3
7	Experimental and Simulation Research of Spatial Distribution of Carbonyl Groups in <sup>13</sup> C-Irradiated Polyethylene. Russian Journal of Applied Chemistry, 2018, 91, 424-427.	0.5	0
8	Synthesis of nanopowders and physicochemical properties of ceramic matrices of the LaPO <sub>4</sub> –YPO <sub>4</sub> (H <sub>2</sub> O) and LaPO <sub>4</sub> –HoPO <sub>4</sub> (H <sub>2</sub> O) systems. Russian Journal of Applied Chemistry, 2017, 90, 28-33.	0.5	14
9	Chemical and thermal stability of phosphate ceramic matrices. Glass Physics and Chemistry, 2017, 43, 83-90.	0.7	9
10	STUDY OF INFLUENCE OF TITANIUM DIOXIDE NANOFILM ON KINETICS OF RADIATION-INDUCED OXIDATION OF POLYETHYLENE SUPPORT BY INFRARED SPECTROPHOTOMETRY. Bulletin of the Saint Petersburg State Institute of Technology (Technical University), 2017, 39, 7-10.	0.1	1
11	REMOVABLE POLYMER COATINGS FOR DECONTAMINATION: ACHIEVEMENTS AND DEVELOPMENTS, APPLICATION, AVAILABILITY (REVIEW). Bulletin of the Saint Petersburg State Institute of Technology (Technical University), 2014, 51, 68-79.	0.1	1
12	Influence of the content of a surrogate of iron aluminate high-level wastes on the phase composition and structure of glassy materials for their immobilization. Glass Physics and Chemistry, 2010, 36, 45-52.	0.7	9
13	Influence of the content of radioactive wastes with high concentrations of aluminum, sodium, and iron oxides on the phase composition and structure of glassy materials prepared in a cold crucible. Glass Physics and Chemistry, 2010, 36, 419-430.	0.7	4
14	Phase Formation in the Vitrification of Savannah River Site SB4 HLW Sludge Surrogate Using Frit and Glass Forming Chemicals. Materials Research Society Symposia Proceedings, 2009, 1193, 332.	0.1	1
15	Structure of borosilicate glassy materials with high concentrations of sodium, iron, and aluminum oxides. Glass Physics and Chemistry, 2009, 35, 245-259.	0.7	45
16	Determination of chloropicrin in drinking water using static headspace gas-chromatographic analysis. Journal of Analytical Chemistry, 2005, 60, 149-151.	0.9	2
17	Direct atomic absorption determination of mercury in drinking water and urine using a two-step electrothermal atomizer. Journal of Analytical Chemistry, 2005, 60, 38-44.	0.9	53