

# Tatiana Obolkina

## List of Publications by Year in descending order

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16  
papers

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1937685

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#	ARTICLE	IF	CITATIONS
1	The Influence of Co Additive on the Sintering, Mechanical Properties, Cytocompatibility, and Digital Light Processing Based Stereolithography of 3Y-TZP-5Al <sub>2</sub> O <sub>3</sub> Ceramics. <i>Materials</i> , 2020, 13, 2789.	2.9	11
2	Increasing the Sintering Rate and Strength of ZrO <sub>2</sub> -Al <sub>2</sub> O <sub>3</sub> Ceramic Materials by Iron Oxide Additions. <i>Inorganic Materials</i> , 2020, 56, 182-189.	0.8	10
3	Agglomeration and Properties of Ceramics Based on Partially Stabilized Zirconium Dioxide Containing Oxides of Aluminum and Iron. <i>Inorganic Materials: Applied Research</i> , 2018, 9, 121-124.	0.5	9
4	Structure and Thermal Stability of Lithium-Substituted Hydroxyapatite Ceramics. <i>Inorganic Materials</i> , 2019, 55, 715-723.	0.8	9
5	Influence of Lithium on the Structure and Phase Composition Formation in the Synthesis of Hydroxyapatite. <i>Doklady Chemistry</i> , 2018, 481, 177-180.	0.9	4
6	Low-Temperature Liquid-Phase Sintering of Zirconia: Phase Composition and Microstructure. <i>Doklady Chemistry</i> , 2020, 494, 159-162.	0.9	4
7	Evolution of the microstructure and phase composition of materials based on the fluorohydroxyapatite-zirconia-alumina system during sintering. <i>Inorganic Materials</i> , 2017, 53, 980-986.	0.8	3
8	Ceramic Materials in the Tricalcium Phosphate-Trimagnesium Phosphate System. <i>Inorganic Materials</i> , 2020, 56, 314-320.	0.8	3
9	Effect of Complex Additives Based on Iron, Cobalt, and Manganese Oxides and Sodium Silicate on the Sintering and Properties of Low-Temperature Ceramics 3Y-TZP-Al <sub>2</sub> O <sub>3</sub> . <i>Russian Journal of Inorganic Chemistry</i> , 2021, 66, 1223-1228.	1.3	3
10	Effect of Sodium Silicate on the Sintering and Properties of Zirconia Ceramics. <i>Doklady Chemistry</i> , 2019, 488, 239-241.	0.9	2
11	Effect of Co <sup>2+</sup> on the Phase Formation, Mechanical Properties, and In Vitro Behavior of Ceramics in the ZrO <sub>2</sub> -Al <sub>2</sub> O <sub>3</sub> System. <i>Doklady Chemistry</i> , 2020, 493, 99-104.	0.9	2
12	The Influence of Manganese Oxide on the Sintering and Properties of the Eutectic Ceramics of the ZrO <sub>2</sub> -Al <sub>2</sub> O <sub>3</sub> -SiO <sub>2</sub> System. <i>Doklady Chemistry</i> , 2019, 486, 160-163.	0.9	1
13	Influence of the Sodium Niobate Addition on the Sintering and Properties of Zirconia Ceramics. <i>Doklady Chemistry</i> , 2019, 486, 141-143.	0.9	1
14	The effect of transition metal oxides on the sintering and properties of ceramics in the ZrO <sub>2</sub> -Al <sub>2</sub> O <sub>3</sub> system. <i>Journal of Physics: Conference Series</i> , 2019, 1347, 012025.	0.4	1
15	Effect of Doping with Sodium and Potassium on the Phase Formation in the Synthesis of Calcium Sulfate. <i>Doklady Chemistry</i> , 2019, 489, 272-274.	0.9	1
16	Sintering and Properties of ZrO <sub>2</sub> -Al <sub>2</sub> O <sub>3</sub> Composites with Additives Forming Melts Based on Sodium Silicate. <i>Inorganic Materials: Applied Research</i> , 2020, 11, 154-159.	0.5	0