

# Piotr Izak

## List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Thixotropic properties of normal potato starch depending on the degree of the granules pasting. Carbohydrate Polymers, 2015, 121, 254-264.	5.1	64
2	Thixotropic properties of waxy potato starch depending on the degree of the granules pasting. Carbohydrate Polymers, 2016, 141, 126-134.	5.1	39
3	Applications of starch and its derivatives in bioceramics. Journal of Biomaterials Applications, 2019, 34, 12-24.	1.2	13
4	Thermal properties of silica-coated cellulose fibers for increased fire-resistance. Journal of Sol-Gel Science and Technology, 2017, 83, 683-691.	1.1	11
5	Rheology of Cross-Linked Poly(Sodium Acrylate)/Sodium Silicate Hydrogels. Arabian Journal for Science and Engineering, 2016, 41, 2221-2228.	1.1	10
6	Influence of the type of aqueous sodium silicate on the stabilization and rheology of kaolin clay suspensions. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2018, 196, 155-159.	2.0	10
7	Synthesis and characterization of cross-linked poly(sodium acrylate)/sodium silicate hydrogels. Polymer Engineering and Science, 2019, 59, 1279-1287.	1.5	9
8	Impact of melamine and its derivatives on the properties of poly(vinyl acetate)-based composite wood adhesive. European Journal of Wood and Wood Products, 2021, 79, 177-188.	1.3	7
9	The influence of ceramic additives on intumescence and thermal activity of epoxy coatings for steel. Journal of Applied Polymer Science, 2021, 138, 49914.	1.3	7
10	Role of starch in the ceramic powder synthesis: a review. Journal of Sol-Gel Science and Technology, 2020, 96, 511-520.	1.1	6
11	Water Interactions in Hybrid Polyacrylate-Silicate Hydrogel Systems. Materials, 2020, 13, 4092.	1.3	3
12	Research on the Thermal Properties of Fireplace Concrete Materials Containing Various Mineral Aggregates Enriched by Organic and Inorganic Fibers. Materials, 2021, 14, 904.	1.3	3
13	The Effect of Magnesium Hydroxide Addition on the Extinguishing Efficiency of Sodium Bicarbonate Powders. Materials, 2022, 15, 3449.	1.3	3
14	The effect of the addition of bismuth (III) oxide on the properties of low-melting boron frits: part 1. Journal of the Australian Ceramic Society, 2020, 56, 363-369.	1.1	2
15	Selected elements cations exchange in acidic medium on sorbents surface based on modified brown coal. Gospodarka Surowcami Mineralnymi / Mineral Resources Management, 2017, 33, 139-150.	0.2	1
16	The Effect of Humidity on the Atomization Process and Structure of Nanopowder Designed for Extinguishment. Materials, 2021, 14, 3329.	1.3	1