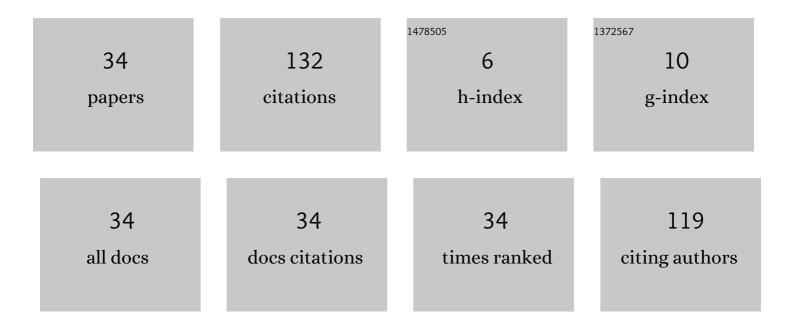
Alexander I Blesman

List of Publications by Year in descending order

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#	Article	lF	CITATIONS
1	Poorly crystallized hydroxyapatite and calcium silicate hydrate composites: Synthesis, characterization and soaking in simulated body fluid. Materials Characterization, 2020, 161, 110158.	4.4	12
2	Multicomponent semiconductors based on the system GaAs-CdSe. Receiving. Properties. Journal of Physics: Conference Series, 2019, 1210, 012064.	0.4	2
3	Investigation of the impact of WEDM modes on surface morphology, roughness and cracking of zirconium, niobium and vanadium. Journal of Physics: Conference Series, 2019, 1210, 012020.	0.4	0
4	Investigation of welding bridge occurrence and short circuit impact on wire breakages during WEDM. Journal of Physics: Conference Series, 2019, 1210, 012045.	0.4	0
5	Dimensionless Universal Parameters of the Kramers Problem. Journal of Physics: Conference Series, 2019, 1210, 012052.	0.4	7
6	Synthesis and physicochemical investigation of calcium silicate hydrate with different stoichiometric composition. Journal of Physics: Conference Series, 2019, 1210, 012132.	0.4	5
7	Thermal Decay of a Metastable State: the Quasistationary Rate and the Mean Lifetime. Journal of Physics: Conference Series, 2019, 1210, 012051.	0.4	0
8	Investigation of the impact of Rehbinder effect, electrical erosion and wire tension on wire breakages during WEDM. Journal of Materials Processing Technology, 2018, 256, 131-144.	6.3	22
9	Applicability of Kramers rate formulas in the energy diffusion regime. Journal of Physics: Conference Series, 2018, 1050, 012029.	0.4	0
10	Obtaining, bulk physical and chemical properties, certification of heterosystem InSb-ZnS solid solutions. Journal of Physics: Conference Series, 2018, 944, 012046.	0.4	0
11	Mass transfer of niobium and copper in binary systems obtained by magnetron sputtering. IOP Conference Series: Materials Science and Engineering, 2018, 387, 012060.	0.6	0
12	Synthesis of Calcium Phosphate and Calcium Silicate Composites. Russian Journal of Inorganic Chemistry, 2018, 63, 993-1000.	1.3	13
13	Research of AISI 321 steel microrelief after ultrasonic impact treatment with marker applying. Journal of Physics: Conference Series, 2018, 944, 012035.	0.4	3
14	Preparation and in vitro apatite-forming ability of hydroxyapatite and β-wollastonite composite materials. Ceramics International, 2018, 44, 17824-17834.	4.8	18
15	The Kramers problem in the energy diffusion regime: transient times. Journal of Physics: Conference Series, 2018, 1050, 012018.	0.4	4
16	Research of niobium thin films with a predetermined thickness produced by RF magnetron sputtering. IOP Conference Series: Materials Science and Engineering, 2017, 168, 012069.	0.6	1
17	Effect of sodium silicate on the nature of crystallization products in calcium phosphate systems. Russian Journal of Inorganic Chemistry, 2017, 62, 1286-1292.	1.3	1
18	Molybdenum protective coatings adhesion to steel substrate. Journal of Physics: Conference Series, 2017, 858, 012003.	0.4	2

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19Peculiarities of the composition of solid phases formed in aqueous calciumãé silicate systems with a medium of variable acidity. Glass Physics and Chemistry, 2017, 43, 452-458.0.7220Wire electrical discharge machining of E110 zirconium alloy. Journal of Physics: Conference Series, 2017, 858, 012005.0.4621Influence of microstructure and surface topography on the electrical conductivity of Cu and Ag thin films obtained by magnetron sputtering. Journal of Physics: Conference Series, 2017, 830, 012112.0.4122Influence of ultrasonic impact treatment and morphology of solid lubricant particles on its attachment to surfaces with different roughness. AIP Conference Proceedings, 2017, ,.0.4223Research of the temperature fields influence on the stress state of internal cylindrical surfaces modified by magnetron sputtering. IOP Conference Series: Materials Science and Engineering, 2017, 168, 012050.0.6124Modeling a two-dimensional distorted stochastic harmonic oscillator. , 2017, ,.025Research of metallic materials irradiation with high energy pulsed laser impact. IOP Conference Series: Materials Science and Engineering, 2016, 110, 012007.0.61	TIONS
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30 SPECTRAL METHOD OF CONTROL AFTER ULTRASONIC STRENGTHENING TREATMENT. PART 3. Kontrol 0.1 1 Diagnostika, 2016, , 14-25.	
31The Influence of the High Temperature Annealing on the Small Impurities Segregation in J24056 Grain1.21031Steel. Procedia Engineering, 2015, 113, 413-417.	
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