Sultan Suleymanov

List of Publications by Year
in descending order

25	62	1937685 4	1720034 7
papers	citations	h-index	g-index

28	28	28	34
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Double mirror polyheliostat solar furnace of 1000 kW thermal power. Solar Energy Materials and Solar Cells, 1991, 24, 625-632.	0.4	13
2	Properties of pyroxene glass ceramics, heat treated in the Big Solar Furnace. Applied Solar Energy (English Translation of Geliotekhnika), 2009, 45, 45-47.	1.6	6
3	Antireflection coatings for solar cells based on an alloy of a mixture of MgO and SiO2. Applied Solar Energy (English Translation of Geliotekhnika), 2010, 46, 296-297.	1.6	6
4	Effective antireflection coating based on TiO2-SiO2 mixture for solar cells. Technical Physics Letters, 2013, 39, 305-307.	0.7	5
5	Antireflection coatings based on fluoride formulations for organic solar cells. Technical Physics Letters, 2016, 42, 359-361.	0.7	4
6	Antireflection composite coatings for organic solar cells. Applied Solar Energy (English Translation) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	1.6	4
7	Production of calcium zirconate in a solar furnace. Refractories, 1982, 23, 42-43.	0.0	3
8	Antireflection coatings for solar elements based on Al2O3 and SiO2 oxides. Applied Solar Energy (English Translation of Geliotekhnika), 2009, 45, 295-297.	1.6	3
9	Increasing the Efficiency of Organic Solar Cells by Antireflection Coatings Based on Fluoride Composites. Technical Physics Letters, 2018, 44, 295-296.	0.7	3
10	The features of Auger destruction in quasi-one-dimensional objects of inorganic and organic nature. Nuclear Instruments & Methods in Physics Research B, 2022, 512, 66-75.	1.4	3
11	Modification of aluminum alloys in a solar furnace. Applied Solar Energy (English Translation of) Tj ETQq1 1 0.784314 rgBT /Overlock	1.6	2
12	The Influence of Technological Regimes of Synthesizing a Solar Furnace on the Phase Composition of TiO2-CuO Cermets and the Optical Properties of Coatings on Their Basis. Technical Physics, 2018, 63, 62-66.	0.7	2
13	Modeling of Processes of Heating and Cooling of Materials in a Solar Furnace. Applied Solar Energy (English Translation of Geliotekhnika), 2019, 55, 404-408.	1.6	2
14	Behavior of a Heat-Protective Material Based on Al2O3 and SiO2 Fibers under Exposure to Concentrated Solar Energy Flux. Refractories and Industrial Ceramics, 2021, 61, 675-679.	0.6	2
15	Cladding of stainless steel on carbon steel. European Physical Journal Special Topics, 1999, 09, Pr3-447-Pr3-452.	0.2	1
16	Determination of Parameters of Heat Treatment and Melting of Materials in a Solar Furnace. Applied Solar Energy (English Translation of Geliotekhnika), 2018, 54, 485-487.	1.6	1
17	Phase Transformations in High-Temperature Fiber Materials Exposed to Non-Equilibrium Flow of Heat and Light. Glass and Ceramics (English Translation of Steklo I Keramika), 2020, 76, 374-380.	0.6	1
18	Optical Characteristics of Antireflection Coatings Based on Al2O3â€“SiO2 for Silicon Solar Cells. Journal of Applied Spectroscopy, 2020, 87, 720-723.	0.7	1

#	Article	IF	Citations
19	Making powders of rapidly crystallized molten YBa2Cu3Ox for a superconducting material. Powder Metallurgy and Metal Ceramics, 1999, 38, 436-438.	0.8	0
20	Hardening of metal surface via self-propagating high-temperature synthesis in thin films. Applied Solar Energy (English Translation of Geliotekhnika), 2007, 43, 239-242.	1.6	0
21	ZnO Films Obtained by Reactive Magnetron Sputtering: Microstructure, Electrical, and Optical Characteristics. Applied Solar Energy (English Translation of Geliotekhnika), 2020, 56, 186-191.	1.6	0
22	The investigation of melting process on the solar furnace. European Physical Journal Special Topics, 1999, 09, Pr3-453-Pr3-456.	0.2	0
23	Structure and Properties of Highly Porous Alumina-Based Ceramic Materials after Heating by Concentrated Solar Radiation. Ceramics, 2022, 5, 24-33.	2.6	0
24	INVESTIGATION OF THIN FILMS MGAL2O4, DEPOSITED ON THE SI SUBSTRATES BY VACUUM THERMAL EVAPORATION. Computational Nanotechnology, 2022, 9, 125-131.	0.1	0
25	DETERMINATION OF THE DEGREE OF BLACKNESS OF THE CERAMIC COMPOSITE MATERIAL VMK-5. Computational Nanotechnology, 2021, 8, 24-28.	0.1	0