

Andrei Skriabin

List of Publications by Year in descending order

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Version: 2024-02-01

19
papers

90
citations

1684188

5
h-index

1372567

10
g-index

19
all docs

19
docs citations

19
times ranked

29
citing authors

#	ARTICLE	IF	CITATIONS
1	Heat conduction in nanostructures. High Temperature, 2017, 55, 434-456.	1.0	28
2	Experimental study of the plasmochemical method for the direct production of silicon from quartz. High Temperature, 2012, 50, 459-463.	1.0	16
3	Efficiency of the plasma-chemical method of preparation of silicon from quartz in an argon-hydrogen flow. High Temperature, 2016, 54, 619-626.	1.0	10
4	Interaction between Dusty Shock Waves and Three-Dimensional Scaffolds of Carbon Nanocomposites upon the Deposition of Biocompatible Coatings. Bulletin of the Russian Academy of Sciences: Physics, 2018, 82, 380-385.	0.6	6
5	Thermit-type SiO ₂ -Al reaction in arc discharge. International Journal of Self-Propagating High-Temperature Synthesis, 2011, 20, 181-184.	0.5	5
6	Experimental Study of Irradiation of Thin Oxide and Mo/Si Multilayers by High Brightness Broadband VUV/UV Radiation and Their Degradation. Coatings, 2022, 12, 290.	2.6	5
7	On using of gas detonation for spraying of biocompatible films onto the carbon nanocomposites. Journal of Physics: Conference Series, 2017, 815, 012031.	0.4	4
8	Production of the micron powders by the electric explosion of metallic fibers. Journal of Physics: Conference Series, 2018, 1115, 042017.	0.4	4
9	Experimental study of slow electrical explosion of thin titanium wires. Journal of Physics: Conference Series, 2019, 1250, 012018.	0.4	4
10	Formation of a combined bioceramics layer on titanium implants. Journal of Physics: Conference Series, 2019, 1386, 012011.	0.4	4
11	Modification and optical degradation of thin multilayers under VUV/UV radiation from compressed plasma flows. Journal of Physics: Conference Series, 2021, 2064, 012069.	0.4	2
12	Visualization of the gas flows that formed above the thin-film coatings under VUV radiation influence. Journal of Physics: Conference Series, 2021, 2127, 012005.	0.4	1
13	Experimental study of heat conductivity of carbon composite implants with calcium phosphate based coatings. AIP Conference Proceedings, 2022, , .	0.4	1
14	Study of the generation of a weakly ionized medium for spraying of biocompatible coatings by two-stage pulsed plasma set. Journal of Physics: Conference Series, 2017, 830, 012107.	0.4	0
15	Study of the absorption spectrum of the thin film of titanium monoxide in the mid-wavelength IR range. Journal of Physics: Conference Series, 2019, 1385, 012036.	0.4	0
16	Holographic interferometry for the study of an electric explosion of titanium wires. Journal of Physics: Conference Series, 2019, 1393, 012029.	0.4	0
17	Photographic Studies of Electric Explosion of Thin Metal Films. , 2020, , .		0
18	Thermal physical processes during forming of biocompatible Ca-P coatings by detonation spraying. Journal of Physics: Conference Series, 2021, 2088, 012045.	0.4	0

#	ARTICLE	IF	CITATIONS
19	Interaction of powerful plasma jets with Mo/Si multilayers. Journal of Physics: Conference Series, 2022, 2270, 012062.	0.4	0