Andrey Buzyurkin

List of Publications by Year
in descending order

16 papers	102 citations	1684188 5 h-index	1372567 10 g-index
16 all docs	16 docs citations	16 times ranked	68 citing authors

#	Article	IF	Citations
1	Determination and verification of Johnsonâ€“Cook model parameters at high-speed deformation of titanium alloys. Aerospace Science and Technology, 2015, 45, 121-127.	4.8	42
2	Determination of parameters of the Johnson-Cook model for the description of deformation and fracture of titanium alloys. Journal of Applied Mechanics and Technical Physics, 2015, 56, 330-336.	0.5	18
3	Explosive compaction of WC+Co mixture by axisymmetric scheme. Journal of Physics: Conference Series, 2015, 653, 012036.	0.4	14
4	The shock wave compaction of ceramic powders. Thermal Science, 2019, 23, 471-476.	1.1	7
5	Dynamic compaction of boron carbide by a shock wave. AIP Conference Proceedings, 2016, , .	0.4	5
6	The development of heterogeneous materials based on Ni and B₄C powders using a cold spray and stratified selective laser melting technologies. Journal of Physics: Conference Series, 2018, 946, 012005.	0.4	5
7	On appearance of "cold" layer in explosive consolidation of powders. Shock Waves, 2000, 10, 159-165.	1.9	4
8	Theoretical and experimental investigation of shock wave stressing of metal powders by an explosion. EPJ Web of Conferences, 2010, 10, 00025.	0.3	3
9	The fabrication of boron carbide compacts by explosive consolidation. Journal of Physics: Conference Series, 2016, 774, 012067.	0.4	2
10	Interaction between oblique shock waves in metal powders. Shock Waves, 2002, 11, 399-407.	1.9	1
11	Modeling the interaction of a deformable projectile with a metal obstacle using LS-DYNA package. AIP Conference Proceedings, 2018, , .	0.4	1
12	Powder Compaction in the Axisymmetric Case. , 2011, , .		0
13	Study of the conditions of fracture at explosive compaction of powders. Frattura Ed Integrita Strutturale, 2013, 7, 96-111.	0.9	0
14	Study of the penetration of a plate made of titanium alloy VT6 with a steel ball. AIP Conference Proceedings, 2018, , .	0.4	0
15	Explosive compaction of aluminum oxide modified by multiwall carbon nanotubes. Journal of Physics: Conference Series, 2018, 991, 012015.	0.4	0
16	Investigation of Ti/B4C coatings microstructure obtained by cold gas-dynamic spraying and selective laser melting. AIP Conference Proceedings, 2020, , .	0.4	0