

Vladislav V Vershinin

List of Publications by Year in descending order

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Version: 2024-02-01

13
papers

170
citations

1307594

7
h-index

1372567

10
g-index

14
all docs

14
docs citations

14
times ranked

84
citing authors

#	ARTICLE	IF	CITATIONS
1	Effect of Lode angle in predicting the ballistic resistance of Weldox 700 E steel plates struck by blunt projectiles. International Journal of Impact Engineering, 2019, 128, 46-71.	5.0	36
2	Effect of Lode angle incorporation into a fracture criterion in predicting the ballistic resistance of 2024-T351 aluminum alloy plates struck by cylindrical projectiles with different nose shapes. International Journal of Impact Engineering, 2020, 139, 103498.	5.0	34
3	Validation of metal plasticity and fracture models through numerical simulation of high velocity perforation. International Journal of Solids and Structures, 2015, 67-68, 127-138.	2.7	29
4	Experimental and numerical investigation on the ballistic resistance of 2024-T351 aluminum alloy plates with various thicknesses struck by blunt projectiles. International Journal of Impact Engineering, 2022, 163, 104182.	5.0	22
5	About Finite Element Analysis of Fluid – Structure Interaction Problems. Procedia Engineering, 2014, 91, 37-42.	1.2	16
6	A correct form of Bai – Wierzbicki plasticity model and its extension for strain rate and temperature dependence. International Journal of Solids and Structures, 2017, 126-127, 150-162.	2.7	16
7	Numerical Simulation of Oil Tank Behavior Under Seismic Excitation. Fluid – Structure Interaction Problem Solution. Procedia Engineering, 2015, 111, 115-120.	1.2	9
8	A project of concrete stabilized spar buoy as a coastal environmental observation and maritime safety platform. Journal of Ocean Engineering and Marine Energy, 2021, 7, 115-127.	1.7	3
9	Numerical simulation of loads and impacts, stress-strain state, strength and stability of unique structures, buildings and facilities. Experience of StaDyO research & engineering centre. IOP Conference Series: Materials Science and Engineering, 2018, 456, 012001.	0.6	2
10	Seismic pads to protect buildings and structures from bulk seismic waves. E3S Web of Conferences, 2019, 97, 04047.	0.5	2
11	Verification of Analytical Solution for a Problem of High-Velocity Transversal Impact on a Prismatic Beam. Applied Mechanics and Materials, 0, 467, 343-348.	0.2	1
12	Dynamic Substructures Analysis of Combined Systems "Foundation - Structure - Equipment - Pipelines". Advanced Materials Research, 2014, 1040, 658-663.	0.3	0
13	External Extreme Impacts on NPP Constructions – Methodology of Computational Simulation. Advanced Materials Research, 0, 1040, 472-477.	0.3	0