

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