

# Piotr Witold Sielicki

## List of Publications by Year in descending order

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Version: 2024-02-01

25  
papers

206  
citations

1039880

9  
h-index

1125617

13  
g-index

25  
all docs

25  
docs citations

25  
times ranked

103  
citing authors

#	ARTICLE	IF	CITATIONS
1	Masonry wall behaviour under explosive loading. <i>Engineering Failure Analysis</i> , 2019, 104, 274-291.	1.8	28
2	A New Blast Absorbing Sandwich Panel with Unconnected Corrugated Layers – Numerical Study. <i>Energies</i> , 2021, 14, 214.	1.6	22
3	Experimental study of blast loading behind a building corner. <i>Shock Waves</i> , 2020, 30, 385-394.	1.0	18
4	Field test and probabilistic analysis of irregular steel debris casualty risks from a person-borne improvised explosive device. <i>Defence Technology</i> , 2021, 17, 1852-1863.	2.1	15
5	The Evaluation of the Fracture Surface in the AW-6060 T6 Aluminium Alloy under a Wide Range of Loads. <i>Metals</i> , 2019, 9, 324.	1.0	12
6	Blast Test and Failure Mechanisms of Soft-Core Sandwich Panels for Storage Halls Applications. <i>Materials</i> , 2021, 14, 70.	1.3	12
7	Dynamic failure of the aluminium plate under air-blast loading in the framework of the fractional viscoplasticity model - theory and validation. <i>International Journal of Impact Engineering</i> , 2021, 158, 104024.	2.4	11
8	Concrete slab fragmentation after bullet impact: An experimental study. <i>International Journal of Protective Structures</i> , 2019, 10, 380-389.	1.4	10
9	Close Range Explosive Loading on Steel Column in the Framework of Anisotropic Viscoplasticity. <i>Metals</i> , 2019, 9, 454.	1.0	10
10	Numerical assessment of the human body response to a ground-level explosion. <i>Computer Methods in Biomechanics and Biomedical Engineering</i> , 2019, 22, 180-205.	0.9	10
11	Failure behavior of a concrete slab perforated by a deformable bullet. <i>Engineering Structures</i> , 2021, 245, 112832.	2.6	10
12	Designing of Blast Resistant Lightweight Elevation System - Numerical Study. <i>Procedia Engineering</i> , 2017, 172, 991-998.	1.2	9
13	Mechanical Properties of Brass under Impact and Perforation Tests for a Wide Range of Temperatures: Experimental and Numerical Approach. <i>Materials</i> , 2020, 13, 5821.	1.3	8
14	Experimental measurement of the bullet trajectory after perforation of a chambered window. <i>International Journal of Applied Glass Science</i> , 2019, 10, 441-448.	1.0	6
15	The influence of design and contractor errors on the failure of a tenement building. <i>Engineering Failure Analysis</i> , 2019, 97, 676-689.	1.8	5
16	Temperature Measurement of a Bullet in Flight. <i>Sensors</i> , 2020, 20, 7016.	2.1	5
17	Concrete Slab Damage and Hazard from Close-In Detonation of Weaponized Commercial Unmanned Aerial Vehicles. <i>Journal of Structural Engineering</i> , 2021, 147, .	1.7	5
18	Application verification of blast mitigation through the use of thuja hedges. <i>International Journal of Protective Structures</i> , 2022, 13, 363-378.	1.4	4

#	ARTICLE	IF	CITATIONS
19	Safety of Concrete and Masonry Structures under Unusual Loadings. CISM International Centre for Mechanical Sciences, Courses and Lectures, 2011, , 379-411.	0.3	2
20	Strengthening of Laminated Glass Windows against Windborne Debris Impact. International Journal of Structural Glass and Advanced Materials Research, 2020, 4, 209-224.	0.4	2
21	Performance of TGU Windows under Explosive Loading. NATO Science for Peace and Security Series C: Environmental Security, 2020, , 49-59.	0.1	1
22	Identification of Aluminium Powder Properties for Modelling Free Air Explosions. Materials, 2022, 15, 1294.	1.3	1
23	Advancements in Analysis and Design of Protective Structures against Extreme Loadings. Advances in Civil Engineering, 2019, 2019, 1-2.	0.4	0
24	Introduction of the Special Issue. International Journal of Protective Structures, 2019, 10, 269-269.	1.4	0
25	Risk Management Model for Unmanned Aerial Vehicles during Flight Operations. Materials, 2022, 15, 2448.	1.3	0