

# Mirosław Szczepanik

## List of Publications by Year in descending order

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Version: 2024-02-01

20  
papers

169  
citations

1040056

9  
h-index

1199594

12  
g-index

21  
all docs

21  
docs citations

21  
times ranked

57  
citing authors

#	ARTICLE	IF	CITATIONS
1	Comparison between PSO and AIS on the Basis of Identification of Material Constants in Piezoelectrics. Lecture Notes in Computer Science, 2013, , 569-581.	1.3	19
2	Topological evolutionary computing in the optimal design of 2D and 3D structures. Engineering Optimization, 2007, 39, 811-830.	2.6	18
3	Immune identification of piezoelectric material constants using BEM. Inverse Problems in Science and Engineering, 2011, 19, 103-116.	1.2	15
4	Swarm optimization of stiffeners locations in 2-D structures. Bulletin of the Polish Academy of Sciences: Technical Sciences, 2012, 60, 241-246.	0.8	15
5	Hybrid artificial immune system in identification of room acoustic properties. Inverse Problems in Science and Engineering, 2013, 21, 957-967.	1.2	13
6	Optimization of Composite Structures Using Bio-inspired Methods. Lecture Notes in Computer Science, 2014, , 385-395.	1.3	13
7	Bio-inspired Optimization of Thermomechanical Structures. Lecture Notes in Computer Science, 2013, , 79-90.	1.3	13
8	Intelligent optimal design of spatial structures. Computers and Structures, 2013, 127, 102-115.	4.4	12
9	Hybrid Particle Swarm Optimizer and Its Application in Identification of Room Acoustic Properties. Lecture Notes in Computer Science, 2012, , 386-394.	1.3	12
10	Immune Computing: Intelligent Methodology and Its Applications in Bioengineering and Computational Mechanics. Advanced Structured Materials, 2010, , 165-181.	0.5	10
11	Intelligent Computing in Optimal Design. Solid Mechanics and Its Applications, 2020, , .	0.2	5
12	Immune and Swarm Optimization of Structures. Computational Methods in Applied Sciences (Springer), 2015, , 295-308.	0.3	2
13	Optimization of the materials distribution in composite systems. IOP Conference Series: Materials Science and Engineering, 2016, 161, 012063.	0.6	1
14	Optimization of the shell compliance by the thickness changing using PSO. IOP Conference Series: Materials Science and Engineering, 2016, 161, 012018.	0.6	1
15	The application of artificial intelligence in the optimal design of mechanical systems. IOP Conference Series: Materials Science and Engineering, 2016, 161, 012040.	0.6	1
16	Swarm and Immune Computing of Dynamically Loaded Reinforced Structures. Lecture Notes in Computer Science, 2015, , 483-494.	1.3	1
17	Optimal Arrangement of Stiffeners Using PSO with Cloning Improvement. Applied Mechanics and Materials, 0, 809-810, 811-816.	0.2	0
18	The optimal design support system for shell components of vehicles using the methods of artificial intelligence. IOP Conference Series: Materials Science and Engineering, 2016, 161, 012109.	0.6	0

#	ARTICLE	IF	CITATIONS
19	Immune Optimal Design of 2-D and 3-D Structures. Lecture Notes in Computer Science, 2015, , 471-482.	1.3	0
20	Structural Intelligent Optimization. Solid Mechanics and Its Applications, 2020, , 77-195.	0.2	0