

SÅ,awomir Milewski

List of Publications by Year in descending order

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papers

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1307366

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docs citations

16
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84
citing authors

#	ARTICLE	IF	CITATIONS
1	Meshless Finite Difference Method with Higher Order Approximation – Applications in Mechanics. Archives of Computational Methods in Engineering, 2012, 19, 1-49.	6.0	47
2	Coupling finite element method with meshless finite difference method in thermomechanical problems. Computers and Mathematics With Applications, 2016, 72, 2259-2279.	1.4	19
3	Selected computational aspects of the meshless finite difference method. Numerical Algorithms, 2013, 63, 107-126.	1.1	18
4	The effective interface approach for coupling of the FE and meshless FD methods and applying essential boundary conditions. Computers and Mathematics With Applications, 2015, 70, 962-979.	1.4	14
5	In search of optimal acceleration approach to iterative solution methods of simultaneous algebraic equations. Computers and Mathematics With Applications, 2014, 68, 101-117.	1.4	11
6	Combination of the meshless finite difference approach with the Monte Carlo random walk technique for solution of elliptic problems. Computers and Mathematics With Applications, 2018, 76, 854-876.	1.4	11
7	ON TWO-SCALE ANALYSIS OF HETEROGENEOUS MATERIALS BY MEANS OF THE MESHLESS FINITE DIFFERENCE METHOD. International Journal for Multiscale Computational Engineering, 2016, 14, 113-134.	0.8	8
8	Higher order schemes introduced to the meshless FDM in elliptic problems. Engineering Analysis With Boundary Elements, 2021, 131, 100-117.	2.0	7
9	Higher order meshless schemes applied to the finite element method in elliptic problems. Computers and Mathematics With Applications, 2019, 77, 779-802.	1.4	5
10	Determination of the truss static state by means of the combined FE/GA approach, on the basis of strain and displacement measurements. Inverse Problems in Science and Engineering, 2019, 27, 1537-1558.	1.2	4
11	On-line monitoring aided evaluation of power line cable shapes. Engineering Structures, 2021, 235, 111902.	2.6	4
12	Higher order meshless approximation applied to Finite Difference and Finite Element methods in selected thermomechanical problems. Engineering Analysis With Boundary Elements, 2022, 140, 300-321.	2.0	2
13	Numerical modelling of slumps under highways located on a mining damage area, based on experimental measurements. Inverse Problems in Science and Engineering, 2013, 21, 987-1006.	1.2	1
14	A Matlab software for approximate solution of 2D elliptic problems by means of the meshless Monte Carlo random walk method. Numerical Algorithms, 2020, 83, 565-591.	1.1	1
15	Semi-analytical Monte Carlo Optimisation Method Applied to the Inverse Poisson Problem. Lecture Notes in Computer Science, 2021, , 243-256.	1.0	0
16	Recovery of thermal load parameters by means of the Monte Carlo method with fixed and meshless random walks. , 2022, 30, 1-40.		0