

Piotr Fiborek

List of Publications by Year in descending order

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Version: 2024-02-01

11
papers

122
citations

1307594

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1372567

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12
all docs

12
docs citations

12
times ranked

88
citing authors

#	ARTICLE	IF	CITATIONS
1	Effects of debonding on Lamb wave propagation in a bonded composite structure under variable temperature conditions. <i>Smart Materials and Structures</i> , 2019, 28, 015021.	3.5	30
2	Global and local area inspection methods in damage detection of carbon fiber composite structures. <i>Measurement: Journal of the International Measurement Confederation</i> , 2022, 187, 110336.	5.0	20
3	Parallel spectral element method for guided wave based structural health monitoring. <i>Smart Materials and Structures</i> , 2020, 29, 095010.	3.5	19
4	Ultrasonic Guided Wave Signal Based Nondestructive Testing of a Bonded Composite Structure Using Piezoelectric Transducers. <i>Signals</i> , 2021, 2, 13-24.	1.9	13
5	Time-domain spectral element method for modelling of the electromechanical impedance of disbanded composites. <i>Journal of Intelligent Material Systems and Structures</i> , 2018, 29, 3214-3221.	2.5	11
6	Experimental and Numerical Analysis of Multiple Low-Velocity Impact Damages in a Glass Fibered Composite Structure. <i>Materials</i> , 2021, 14, 7268.	2.9	9
7	2D-3D interface coupling in the time domain spectral element method for the adhesive layer effects on guided wave propagation in composite plates. <i>Smart Materials and Structures</i> , 2019, 28, 055014.	3.5	7
8	Spectral element modeling of ultrasonic guided wave propagation in optical fibers. <i>Ultrasonics</i> , 2022, 124, 106746.	3.9	7
9	Model-Assisted Guided-Wave-Based Approach for Disbond Detection and Size Estimation in Honeycomb Sandwich Composites. <i>Sensors</i> , 2021, 21, 8183.	3.8	5
10	Vectorization of the Code for Guided Wave Propagation Problems. <i>Lecture Notes in Civil Engineering</i> , 2021, , 707-715.	0.4	1
11	Ultrasonic guided wave propagation in a repaired stiffened composite panel. , 2019, , .		0