

Eric HÃntzsche

List of Publications by Year in descending order

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Version: 2024-02-01

16
papers

108
citations

1937685

4
h-index

1474206

9
g-index

16
all docs

16
docs citations

16
times ranked

104
citing authors

#	ARTICLE	IF	CITATIONS
1	Characteristics of carbon fiber based strain sensors for structural-health monitoring of textile-reinforced thermoplastic composites depending on the textile technological integration process. <i>Sensors and Actuators A: Physical</i> , 2013, 203, 189-203.	4.1	43
2	Manufacturing technology of integrated textile-based sensor networks for <i>in situ</i> monitoring applications of composite wind turbine blades. <i>Smart Materials and Structures</i> , 2016, 25, 105012.	3.5	16
3	Experimental and Numerical Analysis of the Deformation Behavior of Adaptive Fiber-Rubber Composites with Integrated Shape Memory Alloys. <i>Materials</i> , 2022, 15, 582.	2.9	11
4	Bio-inspired semi-flexible joint based on fibre-reinforced composites with shape memory alloys. <i>Journal of Intelligent Material Systems and Structures</i> , 2021, 32, 462-472.	2.5	10
5	Integrative Manufacturing of Textile-Based Sensors for Spatially Resolved Structural Health Monitoring Tasks of Large-Scaled Composite Components. <i>Materials Science Forum</i> , 0, 825-826, 571-578.	0.3	8
6	Novel Repair Procedure for CFRP Components Instead of EOL. <i>Materials</i> , 2021, 14, 2711.	2.9	4
7	Development of a Function-Integrative Sleeve for Medical Applications. <i>Sensors</i> , 2019, 19, 2588.	3.8	3
8	Matrix Decomposition of Carbon-Fiber-Reinforced Plastics via the Activation of Semiconductors. <i>Materials</i> , 2020, 13, 3267.	2.9	3
9	Warp Knitted Textile-Based Sensors for In-Situ Structural Health Monitoring of Wind Turbine Blades. <i>Journal of Fashion Technology & Textile Engineering</i> , 0, s2, .	0.1	2
10	Hinged Adaptive Fiber-Rubber Composites Driven by Shape Memory Alloys – Development and Simulation. <i>Materials</i> , 2022, 15, 3830.	2.9	2
11	Protective Coating for Electrically Conductive Yarns for the Implementation in Smart Textiles. <i>Solid State Phenomena</i> , 0, 333, 11-20.	0.3	2
12	Multifunctional components from carbon concrete composite C ³ – integrated, textile-based sensor solutions for <i>in situ</i> structural monitoring of adaptive building envelopes. <i>Textile Research Journal</i> , 2018, 88, 2699-2711.	2.2	1
13	Influence of Carbon Roving Strain Sensory Elements on the Mechanical Properties of Carbon Fibre-Reinforced Composites. <i>Key Engineering Materials</i> , 0, 809, 407-412.	0.4	1
14	From Grave to Cradle - Development of Weft Knitted Fabrics Based on Hybrid Yarns from Recycled Carbon Fibre Reclaimed by Solvolytic Process from of EOL-Components. <i>Materials Science Forum</i> , 0, 1063, 139-146.	0.3	1
15	Novel Knitting Vision - Modern Ways for Integral Knitting of Intelligent Gloves for Tactile Internet Applications. <i>Solid State Phenomena</i> , 0, 333, 39-46.	0.3	1
16	Integration of Additive Threads in Stitch Wale Direction of Circular Knitted Fabrics for Smart Textile Applications-Add-on Device with Rotating Yarn Feeder for Double-Jersey and Interlock Machines. <i>Journal of Textile Engineering & Fashion Technology</i> , 2017, 1, .	0.3	0