

Andreas Nocke

List of Publications by Year in descending order

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Version: 2024-02-01

21
papers

163
citations

1163117

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1199594

12
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21
all docs

21
docs citations

21
times ranked

141
citing authors

#	ARTICLE	IF	CITATIONS
1	Experimental Investigation and Modeling of the Dynamic Resistance Response of Carbon Particle-Filled Polymers. <i>Macromolecular Materials and Engineering</i> , 2020, 305, 2000361.	3.6	23
2	Melt Spinning of Highly Stretchable, Electrically Conductive Filament Yarns. <i>Polymers</i> , 2021, 13, 590.	4.5	19
3	High-Displacement, Fiber-Reinforced Shape Memory Alloy Soft Actuator with Integrated Sensors and Its Equivalent Network Model. <i>Advanced Intelligent Systems</i> , 2021, 3, 2000221.	6.1	19
4	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
5	Influence of defined amount of voids on the mechanical properties of carbon fiber-reinforced plastics. <i>Polymer Composites</i> , 2019, 40, E1049-E1056.	4.6	15
6	Adaptive hinged fiber reinforced plastics with tailored shape memory alloy hybrid yarn. <i>Polymer Composites</i> , 2020, 41, 191-200.	4.6	14
7	Polymer composite strain sensor based on dielectrophoretically aligned tellurium nanorods. <i>Procedia Chemistry</i> , 2009, 1, 1151-1154.	0.7	9
8	High-Speed, Helical and Self-Coiled Dielectric Polymer Actuator. <i>Actuators</i> , 2021, 10, 15.	2.3	9
9	Dielectrophoretic alignment of polymer compounds for thermal sensing. <i>Sensors and Actuators A: Physical</i> , 2009, 156, 164-170.	4.1	8
10	Development and testing of controlled adaptive fiber-reinforced elastomer composites. <i>Textile Research Journal</i> , 2018, 88, 345-353.	2.2	8
11	Stretchable and Compliant Textile Strain Sensors. <i>IEEE Sensors Journal</i> , 2021, 21, 25632-25640.	4.7	7
12	High temperature resistant insulated hybrid yarns for carbon fiber reinforced thermoplastic composites. <i>Journal of Applied Polymer Science</i> , 2013, 130, 1179-1184.	2.6	6
13	Development of a Function-Integrative Sleeve for Medical Applications. <i>Sensors</i> , 2019, 19, 2588.	3.8	3
14	Integrated Temperature and Position Sensors in a Shape-Memory Driven Soft Actuator for Closed-Loop Control. <i>Materials</i> , 2022, 15, 520.	2.9	3
15	Monitoring the Joint Area of Composite Membrane Materials. <i>Applied Sciences (Switzerland)</i> , 2019, 9, 2068.	2.5	2
16	Non-Monotonic Sensor Behavior of Carbon Particle-Filled Textile Strain Sensors. <i>Engineering Proceedings</i> , 2021, 6, 13.	0.4	1
17	Technological Development of a Yarn Grip System for High-Speed Tensile Testing of High-Performance Fibers. <i>Autex Research Journal</i> , 2019, 19, 347-354.	1.1	1
18	Nanoparticle-Based Resistors and Conductors. , 2012, , 305-318.		0

#	ARTICLE	IF	CITATIONS
19	Development of an Elastic, Electrically Conductive Coating for TPU Filaments. Materials, 2021, 14, 7158.	2.9	0
20	Manufacturing of a helical, self-coiling dielectric polymer actuator. , 2020, 64, .		0
21	Melt Spinning of Elastic and Electrically Conductive Filament Yarns and their Usage as Strain Sensors. Solid State Phenomena, 0, 333, 81-89.	0.3	0