Andreas Nocke

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/1292316/publications.pdf

Version: 2024-02-01

21	163	1163117	1199594
papers	citations	8	12
		h-index	g-index

21	21	21	141
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Integrated Temperature and Position Sensors in a Shape-Memory Driven Soft Actuator for Closed-Loop Control. Materials, 2022, 15, 520.	2.9	3
2	Stretchable and Compliant Textile Strain Sensors. IEEE Sensors Journal, 2021, 21, 25632-25640.	4.7	7
3	Melt Spinning of Highly Stretchable, Electrically Conductive Filament Yarns. Polymers, 2021, 13, 590.	4.5	19
4	Highâ€Displacement, Fiberâ€Reinforced Shape Memory Alloy Soft Actuator with Integrated Sensors and Its Equivalent Network Model. Advanced Intelligent Systems, 2021, 3, 2000221.	6.1	19
5	Non-Monotonic Sensor Behavior of Carbon Particle-Filled Textile Strain Sensors. Engineering Proceedings, 2021, 6, 13.	0.4	1
6	High-Speed, Helical and Self-Coiled Dielectric Polymer Actuator. Actuators, 2021, 10, 15.	2.3	9
7	Development of an Elastic, Electrically Conductive Coating for TPU Filaments. Materials, 2021, 14, 7158.	2.9	0
8	Adaptive hinged fiber reinforced plastics with tailored shape memory alloy hybrid yarn. Polymer Composites, 2020, 41, 191-200.	4.6	14
9	Experimental Investigation and Modeling of the Dynamic Resistance Response of Carbon Particleâ€Filled Polymers. Macromolecular Materials and Engineering, 2020, 305, 2000361.	3.6	23
10	Manufacturing of a helical, self-coiling dielectric polymer actuator. , 2020, 64, .		0
11	Monitoring the Joint Area of Composite Membrane Materials. Applied Sciences (Switzerland), 2019, 9, 2068.	2.5	2
12	Development of a Function-Integrative Sleeve for Medical Applications. Sensors, 2019, 19, 2588.	3.8	3
13	Influence of defined amount of voids on the mechanical properties of carbon fiberâ€reinforced plastics. Polymer Composites, 2019, 40, E1049-E1056.	4.6	15
14	Technological Development of a Yarn Grip System for High-Speed Tensile Testing of High-Performance Fibers. Autex Research Journal, 2019, 19, 347-354.	1.1	1
15	Development and testing of controlled adaptive fiber-reinforced elastomer composites. Textile Reseach Journal, 2018, 88, 345-353.	2.2	8
16	Manufacturing technology of integrated textile-based sensor networks forin situmonitoring applications of composite wind turbine blades. Smart Materials and Structures, 2016, 25, 105012.	3.5	16
17	High temperature resistant insulated hybrid yarns for carbon fiber reinforced thermoplastic composites. Journal of Applied Polymer Science, 2013, 130, 1179-1184.	2.6	6
18	Nanoparticle-Based Resistors and Conductors. , 2012, , 305-318.		0

#	Article	IF	Citations
19	Polymer composite strain sensor based on dielectrophoretically aligned tellurium nanorods. Procedia Chemistry, 2009, 1, 1151-1154.	0.7	9
20	Dielectrophoretic alignment of polymer compounds for thermal sensing. Sensors and Actuators A: Physical, 2009, 156, 164-170.	4.1	8
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