

Shun Zhang

List of Publications by Year in descending order

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Version: 2024-02-01

13
papers

701
citations

840776

11
h-index

1281871

11
g-index

13
all docs

13
docs citations

13
times ranked

836
citing authors

#	ARTICLE	IF	CITATIONS
1	Band gap manipulation of functionally graded phononic crystal by periodical thermal field. <i>Mechanics of Advanced Materials and Structures</i> , 2021, 28, 1288-1292.	2.6	20
2	High-performance wearable thermoelectric generator with self-healing, recycling, and Lego-like reconfiguring capabilities. <i>Science Advances</i> , 2021, 7, .	10.3	189
3	A thermal actuated switchable dry adhesive with high reversibility for transfer printing. <i>International Journal of Extreme Manufacturing</i> , 2021, 3, 035103.	12.7	20
4	Mass transfer for Micro-LED display: Transfer printing techniques. <i>Semiconductors and Semimetals</i> , 2021, 106, 253-280.	0.7	13
5	Mechanics Strategies for Implantation of Flexible Neural Probes. <i>Journal of Applied Mechanics, Transactions ASME</i> , 2021, 88, .	2.2	14
6	Optogenetic Probes: Rapidly Customizable, Scalable 3D-Printed Wireless Optogenetic Probes for Versatile Applications in Neuroscience (Adv. Funct. Mater. 46/2020). <i>Advanced Functional Materials</i> , 2020, 30, 2070305.	14.9	0
7	Rapidly Customizable, Scalable 3D-Printed Wireless Optogenetic Probes for Versatile Applications in Neuroscience. <i>Advanced Functional Materials</i> , 2020, 30, 2004285.	14.9	18
8	Programmable and scalable transfer printing with high reliability and efficiency for flexible inorganic electronics. <i>Science Advances</i> , 2020, 6, eabb2393.	10.3	88
9	Universal SMP gripper with massive and selective capabilities for multiscaled, arbitrarily shaped objects. <i>Science Advances</i> , 2020, 6, eaay5120.	10.3	90
10	A Removable Insertion Shuttle for Ultraflexible Neural Probe Implantation with Stable Chronic Brain Electrophysiological Recording. <i>Advanced Materials Interfaces</i> , 2020, 7, 1901775.	3.7	31
11	Insertion Shuttle: A Removable Insertion Shuttle for Ultraflexible Neural Probe Implantation with Stable Chronic Brain Electrophysiological Recording (Adv. Mater. Interfaces 6/2020). <i>Advanced Materials Interfaces</i> , 2020, 7, 2070031.	3.7	0
12	Fast Digital Patterning of Surface Topography toward Three-Dimensional Shape-Changing Structures. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 48412-48418.	8.0	12
13	Transfer printing techniques for flexible and stretchable inorganic electronics. <i>Npj Flexible Electronics</i> , 2018, 2, .	10.7	206