

Aniket Pal

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6152221/publications.pdf>

Version: 2024-02-01

12
papers

780
citations

1040056

9
h-index

1281871

11
g-index

12
all docs

12
docs citations

12
times ranked

757
citing authors

#	ARTICLE	IF	CITATIONS
1	Soft actuators for real-world applications. <i>Nature Reviews Materials</i> , 2022, 7, 235-249.	48.7	296
2	Early detection and monitoring of chronic wounds using low-cost, omniphobic paper-based smart bandages. <i>Biosensors and Bioelectronics</i> , 2018, 117, 696-705.	10.1	113
3	Exploiting Mechanical Instabilities in Soft Robotics: Control, Sensing, and Actuation. <i>Advanced Materials</i> , 2021, 33, e2006939.	21.0	93
4	Elastic Energy Storage Enables Rapid and Programmable Actuation in Soft Machines. <i>Advanced Functional Materials</i> , 2020, 30, 1906603.	14.9	64
5	Wearable and Implantable Epidermal Paper-Based Electronics. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 31061-31068.	8.0	55
6	Self-Powered, Paper-Based Electrochemical Devices for Sensitive Point-of-Care Testing. <i>Advanced Materials Technologies</i> , 2017, 2, 1700130.	5.8	44
7	3D-Architected Soft Machines with Topologically Encoded Motion. <i>Advanced Functional Materials</i> , 2019, 29, 1808713.	14.9	42
8	Conformal, waterproof electronic decals for wireless monitoring of sweat and vaginal pH at the point-of-care. <i>Biosensors and Bioelectronics</i> , 2020, 160, 112206.	10.1	38
9	Roll-to-Roll Nanoforming of Metals Using Laser-Induced Superplasticity. <i>Nano Letters</i> , 2018, 18, 3616-3622.	9.1	27
10	Optimal turbine blade design enabled by auxetic honeycomb. <i>Smart Materials and Structures</i> , 2020, 29, 125004.	3.5	6
11	Soft Machines: Elastic Energy Storage Enables Rapid and Programmable Actuation in Soft Machines (Adv. Funct. Mater. 1/2020). <i>Advanced Functional Materials</i> , 2020, 30, 2070002.	14.9	2
12	Soft Robotics: 3D-Architected Soft Machines with Topologically Encoded Motion (Adv. Funct. Mater.)	14.9	0