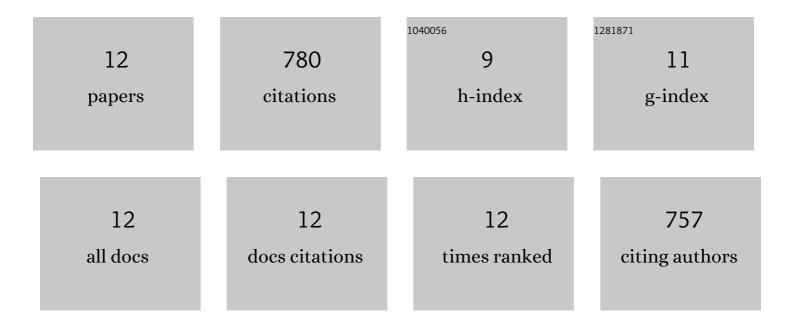
Aniket Pal

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/6152221/publications.pdf Version: 2024-02-01



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

Soft Robotics: 3Dâ€Architected Soft Machines with Topologically Encoded Motion (Adv. Funct. Mater.) Tj ETQq0 0 0 rgBT /Overlock 10