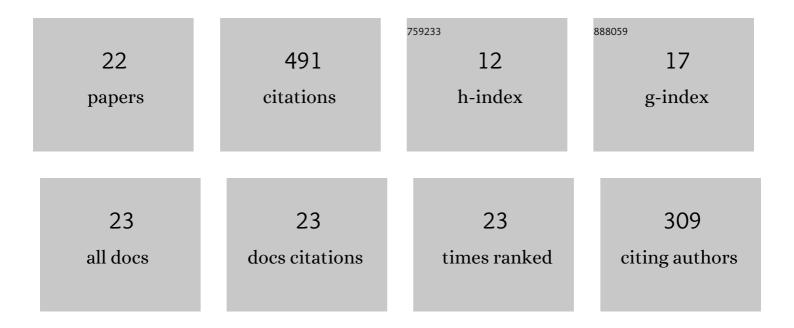
Chongjing Cao

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/2707568/publications.pdf Version: 2024-02-01



#	Article	IF	CITATIONS
1	Toward broad optimal output bandwidth dielectric elastomer actuators. Science China Technological Sciences, 2022, 65, 1137-1148.	4.0	14
2	Nonlinear dynamics of a conical dielectric elastomer oscillator with switchable mono to bi-stability. International Journal of Solids and Structures, 2021, 221, 18-30.	2.7	25
3	A Single-Chamber Pneumatic Soft Bending Actuator With Increased Stroke-Range by Local Electric Guidance. IEEE Transactions on Industrial Electronics, 2021, 68, 8455-8463.	7.9	10
4	3D printable and fringe electric field adhesion enabled variable stiffness artificial muscles for semi-active vibration attenuation. Soft Matter, 2021, 17, 6697-6706.	2.7	8
5	TENG-Bot: Triboelectric nanogenerator powered soft robot made of uni-directional dielectric elastomer. Nano Energy, 2021, 85, 106012.	16.0	55
6	On the Mechanical Power Output Comparisons of Cone Dielectric Elastomer Actuators. IEEE/ASME Transactions on Mechatronics, 2021, 26, 3151-3162.	5.8	23
7	A novel insect-inspired $\hat{a} \in \hat{c}$ clicking $\hat{a} \in \mathbb{M}$ dielectric elastomer oscillator for soft robotics. , 2021, , .		0
8	Power optimization of a conical dielectric elastomer actuator for resonant robotic systems. Extreme Mechanics Letters, 2020, 35, 100619.	4.1	36
9	De-electroadhesion of Flexible and Lightweight Materials: An Experimental Study. Applied Sciences (Switzerland), 2019, 9, 2796.	2.5	9
10	Towards efficient elastic actuation in bio-inspired robotics using dielectric elastomer artificial muscles. Smart Materials and Structures, 2019, 28, 095015.	3.5	24
11	A Reconfigurable Crawling Robot Driven by Electroactive Artificial Muscle. , 2019, , .		11
12	A compliantly coupled dielectric elastomer actuator using magnetic repulsion. Applied Physics Letters, 2019, 114, .	3.3	42
13	A Magnetically Coupled Dielectric Elastomer Pump for Soft Robotics. Advanced Materials Technologies, 2019, 4, 1900128.	5.8	85
14	On the nonlinear dynamics of a circular dielectric elastomer oscillator. Smart Materials and Structures, 2019, 28, 075020.	3.5	15
15	Elastic Electroadhesion with Rapid Release by Integrated Resonant Vibration. Advanced Materials Technologies, 2019, 4, 1800378.	5.8	48
16	10.1063/1.5071439.1., 2019, , .		0
17	Contactless coupling of dielectric elastomer membranes with magnetic repulsion. , 2019, , .		1
18	Performance Optimization of a Conical Dielectric Elastomer Actuator. Actuators, 2018, 7, 32.	2.3	19

#	Article	IF	CITATIONS
19	Flapping at resonance: Realization of an electroactive elastic thorax. , 2018, , .		4
20	Multi-directional crawling robot with soft actuators and electroadhesive grippers. , 2018, , .		18
21	Toward a Dielectric Elastomer Resonator Driven Flapping Wing Micro Air Vehicle. Frontiers in Robotics and Al, 2018, 5, 137.	3.2	42
22	Elastic actuation for legged locomotion. Proceedings of SPIE, 2017, , .	0.8	1