

# Thanh Giang La

## List of Publications by Year in descending order

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Version: 2024-02-01

20  
papers

450  
citations

933447

10  
h-index

940533

16  
g-index

22  
all docs

22  
docs citations

22  
times ranked

691  
citing authors

#	ARTICLE	IF	CITATIONS
1	Flexible and Wearable Ultrasound Device for Medical Applications: A Review on Materials, Structural Designs, and Current Challenges. <i>Advanced Materials Technologies</i> , 2022, 7, 2100798.	5.8	26
2	Mimicking $\infty$ -Shaped and Anisotropic Stress-Strain Behavior of Human and Porcine Aorta by Fabric-Reinforced Elastomer Composites. <i>ACS Applied Materials &amp; Interfaces</i> , 2019, 11, 33323-33335.	8.0	38
3	Thermochromic and Piezocapacitive Flexible Sensor Array by Combining Composite Elastomer Dielectrics and Transparent Ionic Hydrogel Electrodes. <i>Advanced Materials Technologies</i> , 2019, 4, 1900327.	5.8	44
4	Mechanically and electrically robust stretchable e-textiles by controlling the permeation depth of silver-based conductive inks. <i>Flexible and Printed Electronics</i> , 2019, 4, 025006.	2.7	5
5	Two-layered and stretchable e-textile patches for wearable healthcare electronics. <i>Advanced Healthcare Materials</i> , 2018, 7, e1801033.	7.6	86
6	Development of elastomeric flight muscles for flapping wing micro air vehicles. , 2017, , .		3
7	A highly deformable conducting traces for printed antennas and interconnects: silver/fluoropolymer composite amalgamated by triethanolamine. <i>Flexible and Printed Electronics</i> , 2017, 2, 045001.	2.7	30
8	Highly Flexible, Multipixelated Thermosensitive Smart Windows Made of Tough Hydrogels. <i>ACS Applied Materials &amp; Interfaces</i> , 2017, 9, 33100-33106.	8.0	85
9	A novel investigation on printed stretchable WLAN antennas. , 2017, , .		6
10	Stronger multilayer acrylic dielectric elastomer actuators with silicone gel coatings. <i>Smart Materials and Structures</i> , 2016, 25, 125006.	3.5	12
11	Inhibiting electro-thermal breakdown of acrylic dielectric elastomer actuators by dielectric gel coating. <i>Applied Physics Letters</i> , 2016, 108, .	3.3	34
12	Enhanced dielectric strength and actuation of acrylic elastomer with silicone gel encapsulation. <i>Proceedings of SPIE</i> , 2016, , .	0.8	2
13	Large-strain, high-stress tubular dielectric elastomer actuator with high pre-stretch and oil encapsulation. <i>Proceedings of SPIE</i> , 2015, , .	0.8	2
14	Large axial actuation of pre-stretched tubular dielectric elastomer and use of oil encapsulation to enhance dielectric breakdown strength. <i>Smart Materials and Structures</i> , 2015, 24, 045025.	3.5	8
15	Challenges of using dielectric elastomer actuators to tune liquid lens. , 2014, , .		6
16	Muscle-like high-stress dielectric elastomer actuators with oil capsules. <i>Smart Materials and Structures</i> , 2014, 23, 105006.	3.5	16
17	High stress actuation by dielectric elastomer with oil capsules. <i>Proceedings of SPIE</i> , 2014, , .	0.8	2
18	High-stress dielectric elastomer actuators with oil encapsulation. , 2014, , .		0

#	ARTICLE	IF	CITATIONS
19	Very high dielectric strength for dielectric elastomer actuators in liquid dielectric immersion. Applied Physics Letters, 2013, 102, .	3.3	43
20	Very high breakdown field strength for dielectric elastomer actuators quenched in dielectric liquid bath. Proceedings of SPIE, 2013, , .	0.8	2