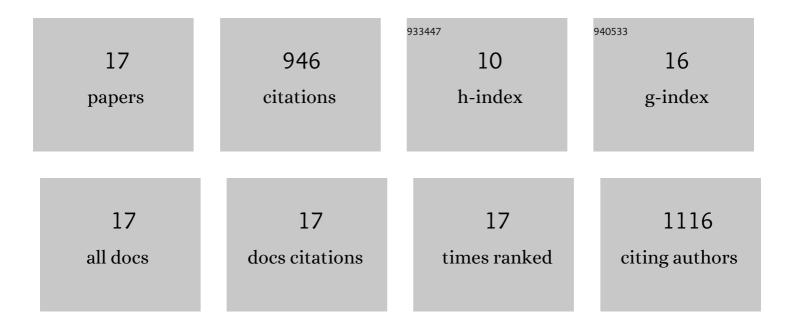
Gabriele Frediani

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	A Soft Touch: Wearable Tactile Display of Softness Made of Electroactive Elastomers. Advanced Materials Technologies, 2021, 6, 2100016.	5.8	11
2	Wearable Detection of Trunk Flexions: Capacitive Elastomeric Sensors Compared to Inertial Sensors. Sensors, 2021, 21, 5453.	3.8	7
3	Monitoring Flexions and Torsions of the Trunk via Gyroscope-Calibrated Capacitive Elastomeric Wearable Sensors. Sensors, 2021, 21, 6706.	3.8	3
4	Tactile display of softness on fingertip. Scientific Reports, 2020, 10, 20491.	3.3	28
5	Wearable Kinematic Monitoring System Based on Piezocapacitive Sensors. Studies in Health Technology and Informatics, 2019, 261, 103-108.	0.3	2
6	Enabling portable multiple-line refreshable Braille displays with electroactive elastomers. Medical Engineering and Physics, 2018, 60, 86-93.	1.7	24
7	Active Compression Bandage Made of Electroactive Elastomers. IEEE/ASME Transactions on Mechatronics, 2018, 23, 2328-2337.	5.8	25
8	Soft wearable non-vibratory tactile displays. , 2018, , .		17
9	Standards for dielectric elastomer transducers. Smart Materials and Structures, 2015, 24, 105025.	3.5	245
10	Enabling variable-stiffness hand rehabilitation orthoses with dielectric elastomer transducers. Medical Engineering and Physics, 2014, 36, 205-211.	1.7	58
11	Wearable Wireless Tactile Display for Virtual Interactions with Soft Bodies. Frontiers in Bioengineering and Biotechnology, 2014, 2, 31.	4.1	59
12	Bioinspired Tunable Lens with Muscle‣ike Electroactive Elastomers. Advanced Functional Materials, 2011, 21, 4152-4158.	14.9	361
13	Optics: Bioinspired Tunable Lens with Muscleâ€Like Electroactive Elastomers (Adv. Funct. Mater. 21/2011). Advanced Functional Materials, 2011, 21, 4002-4002.	14.9	12
14	Millimetreâ€scale bubbleâ€like dielectric elastomer actuators. Polymer International, 2010, 59, 407-414.	3.1	43
15	Realâ€ŧime control of dielectric elastomer actuators via bioelectric and biomechanical signals. Polymer International, 2010, 59, 422-429.	3.1	10
16	Electroactive Elastomeric Haptic Displays of Organ Motility and Tissue Compliance for Medical Training and Surgical Force Feedback. IEEE Transactions on Biomedical Engineering, 2009, 56, 2327-2330.	4.2	33
17	Contractile and Buckling Actuators Based on Dielectric Elastomers: Devices and Applications. Advances in Science and Technology, 2008, 61, 186-191.	0.2	8