

# Isabella Fiorello

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8432625/publications.pdf>

Version: 2024-02-01

11  
papers

136  
citations

1307594

7  
h-index

1474206

9  
g-index

11  
all docs

11  
docs citations

11  
times ranked

133  
citing authors

#	ARTICLE	IF	CITATIONS
1	Taking inspiration from climbing plants: methodologies and benchmarks—a review. <i>Bioinspiration and Biomimetics</i> , 2020, 15, 031001.	2.9	38
2	Climbing Plant-Inspired Micropatterned Devices for Reversible Attachment. <i>Advanced Functional Materials</i> , 2020, 30, 2003380.	14.9	23
3	The Bio-Engineering Approach for Plant Investigations and Growing Robots. A Mini-Review. <i>Frontiers in Robotics and AI</i> , 2020, 7, 573014.	3.2	18
4	Plant-like hooked miniature machines for on-leaf sensing and delivery. <i>Communications Materials</i> , 2021, 2, .	6.9	16
5	Biohybrid Cathode in Single Chamber Microbial Fuel Cell. <i>Nanomaterials</i> , 2019, 9, 36.	4.1	14
6	Artificial System Inspired by Climbing Mechanism of Galium Aparine Fabricated via 3D Laser Lithography. <i>Lecture Notes in Computer Science</i> , 2018, , 168-178.	1.3	9
7	Rose-Inspired Micro-device with Variable Stiffness for Remotely Controlled Release of Objects in Robotics. <i>Lecture Notes in Computer Science</i> , 2019, , 122-133.	1.3	8
8	Morphological Computation in Plant Seeds for a New Generation of Self-Burial and Flying Soft Robots. <i>Frontiers in Robotics and AI</i> , 2021, 8, 797556.	3.2	6
9	3D micromolding of seed-like probes for self-burying soft robots. , 2022, , .		3
10	Micropatterned Devices: Climbing Plant-Inspired Micropatterned Devices for Reversible Attachment ( <i>Adv. Funct. Mater.</i> 38/2020). <i>Advanced Functional Materials</i> , 2020, 30, 2070256.	14.9	1
11	Biomechanical Characterization of Hook-Climber Stems for Soft Robotic Applications. <i>Lecture Notes in Computer Science</i> , 2020, , 97-103.	1.3	0