

Isabella Fiorello

List of Publications by Year in descending order

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Version: 2024-02-01

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papers

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citations

1307594

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1474206

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11
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docs citations

11
times ranked

133
citing authors

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