

Vahid Alizadehyazdi

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

1163117

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10
docs citations

10
times ranked

169
citing authors

#	ARTICLE	IF	CITATIONS
1	An Electrostatic/Gecko-Inspired Adhesives Soft Robotic Gripper. IEEE Robotics and Automation Letters, 2020, 5, 4679-4686.	5.1	41
2	Electrostatic self-cleaning gecko-like adhesives. Journal of the Royal Society Interface, 2018, 15, 20170714.	3.4	30
3	Understanding the influence of silicone elastomer properties on wedge-shaped microstructured dry adhesives loaded in shear. Journal of the Royal Society Interface, 2018, 15, 20180551.	3.4	19
4	A tunable dielectric to improve electrostatic adhesion in electrostatic/microstructured adhesives. Journal of Electrostatics, 2019, 97, 58-70.	1.9	19
5	Evaluation of Material Properties for Practical Microstructured Adhesives: Low Dust Adhesion and High Shear Strength. ACS Applied Materials & Interfaces, 2019, 11, 8654-8666.	8.0	16
6	Optimizing electrostatic cleaning for dust removal on gecko-inspired adhesives. Journal of Electrostatics, 2020, 108, 103499.	1.9	13
7	A Self-Reconfigurable Variable-Stiffness Soft Robot Based on Boundary-Constrained Modular Units. IEEE Transactions on Robotics, 2022, 38, 810-821.	10.3	13
8	A Boundary-Constrained Swarm Robot with Granular Jamming. , 2020, , .		10
9	Ultrasonic and Electrostatic Self-Cleaning Microstructured Adhesives for Robotic Grippers. , 2018, , .		9
10	A microstructured adhesive gripper with piezoelectric controlled adhesion, cleaning, and sensing. Smart Materials and Structures, 2019, 28, 115037.	3.5	8