

Nicholas D Naclerio

List of Publications by Year in descending order

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Version: 2024-02-01

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1720014

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12
docs citations

12
times ranked

294
citing authors

#	ARTICLE	IF	CITATIONS
1	Vine Robots. IEEE Robotics and Automation Magazine, 2020, 27, 120-132.	2.0	97
2	Controlling subterranean forces enables a fast, steerable, burrowing soft robot. Science Robotics, 2021, 6, .	17.6	75
3	Design and experimental study of a Nonlinear Energy Sink coupled to an electromagnetic energy harvester. Journal of Sound and Vibration, 2018, 437, 340-357.	3.9	63
4	Simple, Low-Hysteresis, Foldable, Fabric Pneumatic Artificial Muscle. IEEE Robotics and Automation Letters, 2020, 5, 3406-3413.	5.1	48
5	Soft Robotic Burrowing Device with Tip-Extension and Granular Fluidization. , 2018, , .		33
6	Characterizing Environmental Interactions for Soft Growing Robots. , 2019, , .		22
7	A Dexterous Tip-extending Robot with Variable-length Shape-locking. , 2020, , .		18
8	Nutation Aids Heterogeneous Substrate Exploration in a Robophysical Root. , 2019, , .		12
9	Hybrid Vine Robot With Internal Steering-Reeling Mechanism Enhances System-Level Capabilities. IEEE Robotics and Automation Letters, 2021, 6, 5437-5444.	5.1	12
10	Low-Cost, Continuously Variable, Strain Wave Transmission Using Gecko-Inspired Adhesives. IEEE Robotics and Automation Letters, 2019, 4, 894-901.	5.1	11
11	Soft Retraction Device and Internal Camera Mount for Everting Vine Robots. , 2021, , .		8
12	An entrainment-based model for annular wakes, with applications to airborne wind energy. Wind Energy, 2022, 25, 419-431.	4.2	5