

Zachary Frank

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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1683934
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1872570
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g-index

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all docs

7
docs citations

7
times ranked

70
citing authors

#	ARTICLE	IF	CITATIONS
1	High-performance polyvinyl chloride gel artificial muscle actuator with graphene oxide and plasticizer. Scientific Reports, 2019, 9, 9658.	1.6	43
2	A study of mechano-electrical transduction behavior in polyvinyl chloride (PVC) gel as smart sensors. Smart Materials and Structures, 2022, 31, 015010.	1.8	7
3	A study of electroactive polyvinyl chloride (PVC) gel actuators through the use of the electric modulus formalism and cyclic linear voltage sweeps. Smart Materials and Structures, 2022, 31, 035020.	1.8	6
4	Nonlinear Modeling and Control of Polyvinyl Chloride (PVC) Gel Actuators. IEEE/ASME Transactions on Mechatronics, 2022, 27, 2168-2175.	3.7	6
5	On the mechanism of performance improvement of electroactive polyvinyl chloride (PVC) gel actuators via conductive fillers. Scientific Reports, 2022, 12, .	1.6	5
6	Modelling and Experimental Study for PVC Gel Actuators. , 2019, , .		4
7	Control-oriented Nonlinear Modeling of Polyvinyl Chloride (PVC) Gel Actuators. IFAC-PapersOnLine, 2021, 54, 304-309.	0.5	2