

Robert J Lang

List of Publications by Year in descending order

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Version: 2024-02-01

14
papers

943
citations

1307594

7
h-index

1474206

9
g-index

14
all docs

14
docs citations

14
times ranked

615
citing authors

#	ARTICLE	IF	CITATIONS
1	Accommodating Thickness in Origami-Based Deployable Arrays1. Journal of Mechanical Design, Transactions of the ASME, 2013, 135, .	2.9	358
2	Waterbomb base: a symmetric single-vertex bistable origami mechanism. Smart Materials and Structures, 2014, 23, 094009.	3.5	166
3	A Review of Thickness-Accommodation Techniques in Origami-Inspired Engineering. Applied Mechanics Reviews, 2018, 70, .	10.1	131
4	Topological kinematics of origami metamaterials. Nature Physics, 2018, 14, 811-815.	16.7	74
5	Twists, Tilings, and Tessellations. , 0, , .		49
6	Developable mechanisms on developable surfaces. Science Robotics, 2019, 4, .	17.6	46
7	Facilitating Deployable Mechanisms and Structures Via Developable Lamina Emergent Arrays. Journal of Mechanisms and Robotics, 2016, 8, .	2.2	34
8	Origami Antennas. IEEE Open Journal of Antennas and Propagation, 2021, 2, 1020-1043.	3.7	24
9	From Crease Pattern to Product: Considerations to Engineering Origami-Adapted Designs. , 2014, , .		20
10	Rigidly foldable origami twists. , 2015, , 119-130.		20
11	Split-Vertex Technique for Thickness-Accommodation in Origami-Based Mechanisms. , 2017, , .		7
12	Normalized Coordinate Equations and an Energy Method for Predicting Natural Curved-Fold Configurations. Journal of Applied Mechanics, Transactions ASME, 2019, 86, .	2.2	6
13	Kinematics and Discretization of Curved-Fold Mechanisms. , 2017, , .		5
14	Laminar emergent flexural fold joints: Planar compliant mechanisms with large-angle near-revolute motion. Extreme Mechanics Letters, 2022, 52, 101657.	4.1	3