

# Robert J Lang

## List of Publications by Year in descending order

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14  
papers

943  
citations

1307594

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1474206

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14  
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14  
docs citations

14  
times ranked

615  
citing authors

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