Yue Li

List of Publications by Year
in descending order

10 papers	381 citations	8 h-index	10 g-index
10 all docs	10 docs citations	10 times ranked	175 citing authors

#	Article	IF	Citations
1	A Monte Carlo form-finding method for large scale regular and irregular tensegrity structures. International Journal of Solids and Structures, 2010, 47, 1888-1898.	2.7	103
2	Stiffness matrix based form-finding method of tensegrity structures. Engineering Structures, 2014, 58, 36-48.	5.3	96
3	Self-equilibrium and super-stability of truncated regular polyhedral tensegrity structures: a unified analytical solution. Proceedings of the Royal Society A: Mathematical, Physical and Engineering Sciences, 2012, 468, 3323-3347.	2.1	40
4	Constructing tensegrity structures from one-bar elementary cells. Proceedings of the Royal Society A: Mathematical, Physical and Engineering Sciences, 2010, 466, 45-61.	2.1	36
5	A unified solution for self-equilibrium and super-stability of rhombic truncated regular polyhedral tensegrities. International Journal of Solids and Structures, 2013, 50, 234-245.	2.7	28
6	A Numerical Method for Simulating Nonlinear Mechanical Responses of Tensegrity Structures Under Large Deformations. Journal of Applied Mechanics, Transactions ASME, 2013, 80, .	2.2	27
7	Design methods of rhombic tensegrity structures. Acta Mechanica Sinica/Lixue Xuebao, 2010, 26, 559-565.	3.4	22
8	Self-assembled lipid nanostructures encapsulating nanoparticles in aqueous solution. Soft Matter, 2009, 5, 3977.	2.7	19
9	Constructing various simple polygonal tensegrities by directly or recursively adding bars. Composite Structures, 2020, 234, 111693.	5.8	8
10	Enumeration–screening method for the design of simple polygonal tensegrities. Proceedings of the Royal Society A: Mathematical, Physical and Engineering Sciences, 2019, 475, 20180812.	2.1	2