
See:
http://www.yihuizhang.org/
https://scholar.google.com/citations?user=dCSFHVYAAAAJ&hl=en
https://www.researchgate.net/profile/Yihui_Zhang3
Education:
Ph.D. in Engineering Mechanics, Tsinghua University, China (6/2011)
M.S. in Engineering Mechanics, Tsinghua University, China (6/2008)
B.S. in Engineering Mechanics, Nanjing University of Aeronautics & Astronautics, China (6/2006)

Academic Achievement:
He has published more than 90 peer-reviewed journal papers, including multi-disciplinary journals (Science, Cell, Nature Communications, Science Advances and PNAS); and journals in mechanics (JMPS, IJSS), materials (e.g., Nature Materials, Nature Reviews Materials, Advanced Functional Materials, Advanced Healthcare Materials, and Acta Materialia), physics (e.g., PRB and APL), nanotechnology (e.g., ACS Nano and Small). His recent work has been reported by many popular media (e.g., BBC, CBS, Daily Mail, Discovery, Le Monde, NBC, Wall Street Journal), and highlighted by many professional organizations (e.g., ASME News, Chemistry Views, IOP Physics World, Materials Today, Materials Views, MIT Technology Review, Nano Today).

Selected Publications:
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P. Feng, Y.H. Zhang, Y. Bai, L.P. Ye, Combination of bamboo filling and FRP wrapping to strengthen steel members in compression, J. Compos Constr., 17 (2013), pp. 347-356


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Kewang Nan, Haiwen Luan, Zheng Yan, Xin Ning, Yiqi Wang, Ao Wang, Juntong Wang, Mengdi Han, Matthew Chang, Kan Li, Yutong Zhang, Wen Huang, Yeguang Xue, Yonggang Huang, Yihui Zhang, and John A. Rogers, “Engineered elastomer substrates for guided assembly of complex 3D mesostructures by spatially nonuniform compressive buckling”, Advanced Functional Materials, 1604281, 2017

Xin Ning, Heling Wang, Xinge Yu, Julio A. N. T. Soares, Zheng Yan, Kewang Nan, Gabriel Velarde, Yeguang Xue, Rujie Sun, Qi Yi Dong, Haiwen Luan, Chan Mi Lee, Aditya Chempakasseril, Mengdi Han, Yiqi Wang,
Luming Li, Yonggang Huang, Yihui Zhang, and John A. Rogers, “3D tunable, multiscale, and multistable vibrational micro-platforms assembled by compressive buckling”, Advanced Functional Materials, 1605914, 2017


Haoran Fu, Kewang Nan, Wubin Bai, Wen Huang, Ke Bai, Luyao Lu, Chaoqun Zhou, Yunpeng Liu, Fei Liu, Juntong Wang, Mengdi Han, Zheng Yan, Haiwen Luan, Yijie Zhang, Yutong Zhang, Jianing Zhao, Xu Cheng, Moyang Li, Jung Woo Lee, Yuan Liu, Daining Fang, Xiuling Li, Yonggang Huang, Yihui Zhang and John A. Rogers, “Morphable 3D mesostructures and microelectronic devices by multistable buckling mechanics”, Nature Materials, January 2018

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