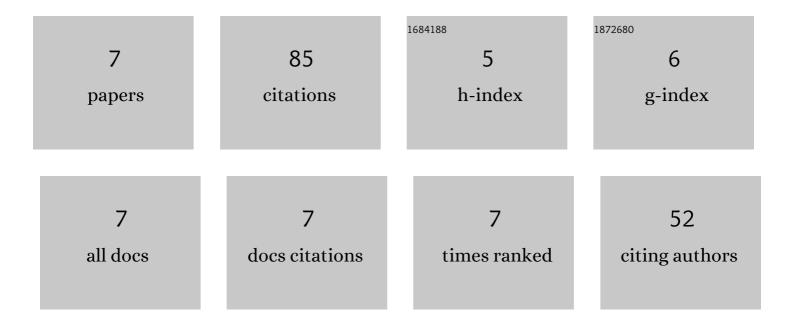
Sunyoung Im

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/5078540/publications.pdf

Version: 2024-02-01



#	Article	IF	CITATIONS
1	Multiscale modeling to characterize electromechanical behaviors of CNT/polymer nanocomposites considering the matrix damage and interfacial debonding. Mechanics of Advanced Materials and Structures, 2022, 29, 2322-2341.	2.6	8
2	A surrogate model for real-time dynamic simulation of dielectric elastomer actuators <i>via</i> long short-term memory networks. Mechanics of Advanced Materials and Structures, 2022, 29, 6860-6880.	2.6	3
3	Surrogate Model Considering Trim Condition for Design Optimization of High-Aspect-Ratio Flexible Wing. International Journal of Aeronautical and Space Sciences, 2022, 23, 288-302.	2.0	3
4	Neural network constitutive model for crystal structures. Computational Mechanics, 2021, 67, 185-206.	4.0	14
5	Surrogate modeling of elasto-plastic problems via long short-term memory neural networks and proper orthogonal decomposition. Computer Methods in Applied Mechanics and Engineering, 2021, 385, 114030.	6.6	36
6	Neural network-based prediction of the long-term time-dependent mechanical behavior of laminated composite plates with arbitrary hygrothermal effects. Journal of Mechanical Science and Technology, 2021, 35, 4643-4654.	1.5	11
7	Reduction process based on proper orthogonal decomposition for dual formulation of dynamic substructures. Computational Mechanics, 2019, 64, 1237-1257.	4.0	10