

Sunyoung Im

List of Publications by Year in descending order

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7
papers

85
citations

1684188

5
h-index

1872680

6
g-index

7
all docs

7
docs citations

7
times ranked

52
citing authors

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