

Yu Wang

List of Publications by Year in descending order

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6
papers

87
citations

1937685
4
h-index

1872680
6
g-index

6
all docs

6
docs citations

6
times ranked

75
citing authors

#	ARTICLE	IF	CITATIONS
1	A hyper-viscoelastic model for battery separators based on inverse-stress-solution parametrical calibration method. <i>International Journal of Mechanical Sciences</i> , 2022, 225, 107361.	6.7	3
2	Compressive properties of cuttlebone-like lattice (CLL) materials with functionally graded density. <i>European Journal of Mechanics, A/Solids</i> , 2021, 87, 104215.	3.7	15
3	Critical geometric boundary for the design of wrinkling-free thin film samples in the elastic regime of a uniaxial tensile test. <i>International Journal of Mechanical Sciences</i> , 2021, 204, 106485.	6.7	9
4	Porosity variation of lithium-ion battery separators under uniaxial tension. <i>International Journal of Mechanical Sciences</i> , 2020, 174, 105496.	6.7	23
5	Equivalent deformation modulus of sandy pebble soil—Mathematical derivation and numerical simulation. <i>Mathematical Biosciences and Engineering</i> , 2019, 16, 2756-2774.	1.9	3
6	Defect detection of pipes using Lyapunov dimension of Duffing oscillator based on ultrasonic guided waves. <i>Mechanical Systems and Signal Processing</i> , 2017, 82, 130-147.	8.0	34