

Hamid Ghasemi

List of Publications by Year in descending order

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Version: 2024-02-01

16
papers

1,116
citations

623699

14
h-index

940516

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g-index

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16
docs citations

16
times ranked

920
citing authors

#	ARTICLE	IF	CITATIONS
1	Multilevel Monte Carlo method for topology optimization of flexoelectric composites with uncertain material properties. <i>Engineering Analysis With Boundary Elements</i> , 2022, 134, 412-418.	3.7	29
2	Recent progresses in dry gas polymeric filters. <i>Journal of Energy Chemistry</i> , 2021, 62, 103-119.	12.9	6
3	A multiscale material model for heterogeneous liquid droplets in solid soft composites. <i>Frontiers of Structural and Civil Engineering</i> , 2021, 15, 1292-1299.	2.9	5
4	A Computational Framework for Design and Optimization of Flexoelectric Materials. <i>International Journal of Computational Methods</i> , 2020, 17, 1850097.	1.3	22
5	Three-Dimensional Isogeometric Analysis of Flexoelectricity with MATLAB Implementation. <i>Computers, Materials and Continua</i> , 2020, 65, 1157-1179.	1.9	16
6	A novel deep learning based method for the computational material design of flexoelectric nanostructures with topology optimization. <i>Finite Elements in Analysis and Design</i> , 2019, 165, 21-30.	3.2	53
7	Computational Machine Learning Representation for the Flexoelectricity Effect in Truncated Pyramid Structures. <i>Computers, Materials and Continua</i> , 2019, 59, 79-87.	1.9	23
8	Electromechanical properties of Boron Nitride Nanotube: Atomistic bond potential and equivalent mechanical energy approach. <i>Computational Materials Science</i> , 2018, 149, 460-465.	3.0	22
9	Sensitivity and uncertainty analysis for flexoelectric nanostructures. <i>Computer Methods in Applied Mechanics and Engineering</i> , 2018, 337, 95-109.	6.6	159
10	A multi-material level set-based topology optimization of flexoelectric composites. <i>Computer Methods in Applied Mechanics and Engineering</i> , 2018, 332, 47-62.	6.6	223
11	A level-set based IGA formulation for topology optimization of flexoelectric materials. <i>Computer Methods in Applied Mechanics and Engineering</i> , 2017, 313, 239-258.	6.6	286
12	Probabilistic multiconstraints optimization of cooling channels in ceramic matrix composites. <i>Composites Part B: Engineering</i> , 2015, 81, 107-119.	12.0	23
13	Interfacial shear stress optimization in sandwich beams with polymeric core using non-uniform distribution of reinforcing ingredients. <i>Composite Structures</i> , 2015, 120, 221-230.	5.8	25
14	Optimal fiber content and distribution in fiber-reinforced solids using a reliability and NURBS based sequential optimization approach. <i>Structural and Multidisciplinary Optimization</i> , 2015, 51, 99-112.	3.5	76
15	Optimization of fiber distribution in fiber reinforced composite by using NURBS functions. <i>Computational Materials Science</i> , 2014, 83, 463-473.	3.0	54
16	Uncertainties propagation in metamodel-based probabilistic optimization of CNT/polymer composite structure using stochastic multi-scale modeling. <i>Computational Materials Science</i> , 2014, 85, 295-305.	3.0	94