

# A framework for data-driven analysis of materials under curse of dimensionality

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Adaptive multiscale homogenization of the lattice discrete particle model for the analysis of damage and fracture in concrete. <i>International Journal of Solids and Structures</i> , 2017, 125, 50-67.	1.3	39
2	Characterization of the Optical Properties of Turbid Media by Supervised Learning of Scattering Patterns. <i>Scientific Reports</i> , 2017, 7, 15259.	1.6	17
3	Modeling the Temperature Dependence of Dynamic Mechanical Properties and Visco-Elastic Behavior of Thermoplastic Polyurethane Using Artificial Neural Network. <i>Polymers</i> , 2017, 9, 519.	2.0	30
4	Computational analysis of particle reinforced viscoelastic polymer nanocomposites – statistical study of representative volume element. <i>Journal of the Mechanics and Physics of Solids</i> , 2018, 114, 55-74.	2.3	24
5	Design of ultra-thin shell structures in the stochastic post-buckling range using Bayesian machine learning and optimization. <i>International Journal of Solids and Structures</i> , 2018, 139-140, 174-188.	1.3	52
6	Modeling process-structure-property relationships for additive manufacturing. <i>Frontiers of Mechanical Engineering</i> , 2018, 13, 482-492.	2.5	64
7	From SEM images to elastic responses: A stochastic multiscale analysis of UD fiber reinforced composites. <i>Composite Structures</i> , 2018, 189, 206-227.	3.1	30
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9	An uncertainty model of acoustic metamaterials with random parameters. <i>Computational Mechanics</i> , 2018, 62, 1023-1036.	2.2	35
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14	De novo composite design based on machine learning algorithm. <i>Extreme Mechanics Letters</i> , 2018, 18, 19-28.	2.0	306
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#	ARTICLE	IF	CITATIONS
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