

# Ali Shanian

## List of Publications by Year in descending order

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papers

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citations

1684188  
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docs citations

8  
times ranked

408  
citing authors

#	ARTICLE	IF	CITATIONS
1	Architected Tunable Structure for Improved Capability in Extreme Environments. Journal of Engineering Materials and Technology, Transactions of the ASME, 2022, 144, .	1.4	1
2	Generalized tessellations of superelliptical voids in low porosity architected materials for stress mitigation. Proceedings of the Royal Society A: Mathematical, Physical and Engineering Sciences, 2021, 477, 20200864.	2.1	1
3	Application of Multifunctional Mechanical Metamaterials. Advanced Engineering Materials, 2019, 21, 1900084.	3.5	9
4	Stress Concentration in Low-Porosity Periodic Tessellations With Generic Patterns of Elliptical Holes Under Biaxial Strain. Journal of Applied Mechanics, Transactions ASME, 2018, 85, .	2.2	1
5	On the design of porous structures with enhanced fatigue life. Extreme Mechanics Letters, 2017, 16, 13-17.	4.1	30
6	Dimpled elastic sheets: a new class of non-porous negative Poisson's ratio materials. Scientific Reports, 2016, 5, 18373.	3.3	51
7	Architected Materials with Ultra-Low Porosity for Vibration Control. Advanced Materials, 2016, 28, 5943-5948.	21.0	56
8	Low Porosity Metallic Periodic Structures with Negative Poisson's Ratio. Advanced Materials, 2014, 26, 2365-2370.	21.0	208