

Ultralight, ultrastiff mechanical metamaterials

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Citation Report

#	ARTICLE	IF	CITATIONS
1	This Week in Science. Science, 1990, 249, 603-603.	6.0	1
2	Pentamode Metamaterials with Independently Tailored Bulk Modulus and Mass Density. Physical Review Applied, 2014, 2, .	1.5	108
3	Periodic co-continuous acoustic metamaterials with overlapping locally resonant and Bragg band gaps. Applied Physics Letters, 2014, 105, .	1.5	88
4	Mechanics of elastic networks. Proceedings of the Royal Society A: Mathematical, Physical and Engineering Sciences, 2014, 470, 20140522.	1.0	40
5	Low cycle fatigue of an extruded Mg ³ Nd ^{0.2} Zn ^{0.5} Zr magnesium alloy. Materials & Design, 2014, 64, 63-73.	5.1	32
6	Strong, lightweight, and recoverable three-dimensional ceramic nanolattices. Science, 2014, 345, 1322-1326.	6.0	1,080
7	Soft Colloidal Scaffolds Capable of Elastic Recovery after Large Compressive Strains. Chemistry of Materials, 2014, 26, 5161-5168.	3.2	45
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10	Materials by design: Using architecture in material design to reach new property spaces. MRS Bulletin, 2015, 40, 1122-1129.	1.7	45
11	Point group symmetry and deformation-induced symmetry breaking of superlattice materials. Proceedings of the Royal Society A: Mathematical, Physical and Engineering Sciences, 2015, 471, 20150125.	1.0	9
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18	Design of Hierarchically Cut Hinges for Highly Stretchable and Reconfigurable Metamaterials with Enhanced Strength. Advanced Materials, 2015, 27, 7181-7190.	11.1	151

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20	Ordered 3D Thin-shell Nanolattice Materials with Near-Unity Refractive Indices. <i>Advanced Functional Materials</i> , 2015, 25, 6644-6649.	7.8	40
21	Harnessing Hierarchical Nano- and Micro-Fabrication Technologies for Musculoskeletal Tissue Engineering. <i>Advanced Healthcare Materials</i> , 2015, 4, 2488-2499.	3.9	59
22	A New Tubular Graphene Form of a Tetrahedrally Connected Cellular Structure. <i>Advanced Materials</i> , 2015, 27, 5943-5949.	11.1	193
23	A Unified Model for the Prediction of Yield Strength in Particulate-Reinforced Metal Matrix Nanocomposites. <i>Materials</i> , 2015, 8, 5138-5153.	1.3	85
24	A lightweight yet sound-proof honeycomb acoustic metamaterial. <i>Applied Physics Letters</i> , 2015, 106, .	1.5	187
25	Bioinspired adhesive polymer coatings for efficient and versatile corrosion resistance. <i>RSC Advances</i> , 2015, 5, 15977-15984.	1.7	31
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