

Stabilizing nanostructures in metals using grain and tw

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Exceptional high fatigue strength in Cu-15at.%Al alloy with moderate grain size. <i>Scientific Reports</i> , 2016, 6, 27433.	3.3	25
2	Lowering coefficient of friction in Cu alloys with stable gradient nanostructures. <i>Science Advances</i> , 2016, 2, e1601942.	10.3	169
3	Coarsening kinetics of fine-scale microstructures in deformed materials. <i>Acta Materialia</i> , 2016, 120, 40-45.	7.9	19
4	In situ activation of platelets with checkpoint inhibitors for post-surgical cancer immunotherapy. <i>Nature Biomedical Engineering</i> , 2017, 1, .	22.5	390
5	Hardening and toughening mechanisms in nanotwinned ceramics. <i>Scripta Materialia</i> , 2017, 133, 105-112.	5.2	38
6	Ultrastrong steel via minimal lattice misfit and high-density nanoprecipitation. <i>Nature</i> , 2017, 544, 460-464.	27.8	843
7	Simultaneous optimization of electrical and thermal transport properties of Bi _{0.5} Sb _{1.5} Te ₃ thermoelectric alloy by twin boundary engineering. <i>Nano Energy</i> , 2017, 37, 203-213.	16.0	164
8	Mechanistic study of bending creep behaviour of bicrystal nanobeam. <i>Computational Materials Science</i> , 2017, 136, 36-43.	3.0	18
9	Microstructure and Mechanical Properties of Twinning M/A Islands in a X100 High Strength Pipeline Steel. <i>Materials Science Forum</i> , 2017, 896, 182-189.	0.3	2
10	Functional gradients and heterogeneities in biological materials: Design principles, functions, and bioinspired applications. <i>Progress in Materials Science</i> , 2017, 88, 467-498.	32.8	554
11	Molecular dynamics simulation of BCC Ta with coherent twin boundaries under nanoindentation. <i>Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 2017, 700, 609-616.	5.6	62
12	Neutrophil-mediated anticancer drug delivery for suppression of postoperative malignant glioma recurrence. <i>Nature Nanotechnology</i> , 2017, 12, 692-700.	31.5	660
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14	Conjugated polymer nanomaterials for theranostics. <i>Acta Pharmacologica Sinica</i> , 2017, 38, 764-781.	6.1	91
15	Deformation and fracture mechanisms of nanotwinned metals. <i>National Science Review</i> , 2017, 4, 519-521.	9.5	16
16	Grain boundary stability governs hardening and softening in extremely fine nanograined metals. <i>Science</i> , 2017, 355, 1292-1296.	12.6	572
17	Peptide-mediated core/satellite/shell multifunctional nanovehicles for precise imaging of cathepsin B activity and dual-enzyme controlled drug release. <i>NPG Asia Materials</i> , 2017, 9, e366-e366.	7.9	12
18	Insulin-Responsive Glucagon Delivery for Prevention of Hypoglycemia. <i>Small</i> , 2017, 13, 1603028.	10.0	36

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