

Sheng Xu

List of Publications by Year in descending order

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8
papers

153
citations

1478505

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1588992

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docs citations

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times ranked

140
citing authors

#	ARTICLE	IF	CITATIONS
1	Giant elastocaloric effect covering wide temperature range in columnar-grained Cu _{71.5} Al _{17.5} Mn ₁₁ shape memory alloy. APL Materials, 2016, 4, 106106.	5.1	79
2	Elastocaloric switching effect induced by reentrant martensitic transformation. Applied Physics Reviews, 2020, 7, .	11.3	22
3	Dynamic Recovery and Superelasticity of Columnar-Grained Cu-Al-Mn Shape Memory Alloy. Metals, 2017, 7, 141.	2.3	15
4	Large [001] single crystals via abnormal grain growth from columnar polycrystal. Materialia, 2019, 6, 100336.	2.7	11
5	Flexible and Tough Superelastic Co-Cr Alloys for Biomedical Applications. Advanced Materials, 2022, 34, e2202305.	21.0	11
6	Negative Poisson's ratio in Heusler-type Cu-Al-Mn shape memory alloy. Scripta Materialia, 2020, 177, 74-78.	5.2	8
7	Formation mechanism and control of aluminum layer thickness fluctuation in embedded aluminum-steel composite sheet produced by cold roll bonding process. Transactions of Nonferrous Metals Society of China, 2017, 27, 1011-1018.	4.2	6
8	Cryogenic Superelasticity and Concomitant Elastocaloric Effect. Materia Japan, 2019, 58, 44-46.	0.1	1