

# Sheng Xu

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4933026/publications.pdf>

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