

David Piorunek

List of Publications by Year in descending order

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Version: 2024-02-01

5
papers

108
citations

1937457

4
h-index

2053595

5
g-index

5
all docs

5
docs citations

5
times ranked

125
citing authors

#	ARTICLE	IF	CITATIONS
1	The role of electrons during the martensitic phase transformation in NiTi-based shape memory alloys. <i>Materials Today Physics</i> , 2022, 24, 100671.	2.9	2
2	Chemical complexity, microstructure and martensitic transformation in high entropy shape memory alloys. <i>Intermetallics</i> , 2020, 122, 106792.	1.8	43
3	The Effect of Increasing Chemical Complexity on the Mechanical and Functional Behavior of NiTi-Related Shape Memory Alloys. <i>Shape Memory and Superelasticity</i> , 2020, 6, 181-190.	1.1	6
4	Microstructure – Property correlations for additively manufactured NiTi based shape memory alloys. <i>Materialia</i> , 2019, 8, 100456.	1.3	50
5	Discovery of high-temperature Ti-Ta-X shape memory alloys from first-principles calculations. <i>Physical Review Materials</i> , 2019, 3, .	0.9	7