

Alexander Funk

List of Publications by Year in descending order

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8
papers

194
citations

1307594
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1588992
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g-index

8
all docs

8
docs citations

8
times ranked

212
citing authors

#	ARTICLE	IF	CITATIONS
1	Predicting the dominating factors during heat transfer in magnetocaloric composite wires. <i>Materials and Design</i> , 2020, 193, 108832.	7.0	7
2	Mechanical properties of the magnetocaloric intermetallic LaFe _{11.2} Si _{1.8} alloy at different length scales. <i>Acta Materialia</i> , 2019, 165, 40-50.	7.9	25
3	MnFePSi-based magnetocaloric packed bed regenerators: Structural details probed by X-ray tomography. <i>Chemical Engineering Science</i> , 2018, 175, 84-90.	3.8	10
4	Hysteresis of MnFePSi Spherical Powder Ensembles Studied by Magneto-Optical Imaging. <i>Physica Status Solidi (B): Basic Research</i> , 2018, 255, 1700345.	1.5	8
5	Getting magnetocaloric materials into good shape: Cold-working of La(Fe, Co, Si) ₁₃ by powder-in-tube-processing. <i>Materials Today Energy</i> , 2018, 9, 223-228.	4.7	26
6	Anisotropic thermal conductivity in epoxy-bonded magnetocaloric composites. <i>Journal of Applied Physics</i> , 2016, 120, .	2.5	7
7	Asymmetric first-order transition and interlocked particle state in magnetocaloric La(Fe,Si) ₁₃ . <i>Physica Status Solidi - Rapid Research Letters</i> , 2015, 9, 136-140.	2.4	54
8	A new type of La(Fe,Si) ₁₃ -based magnetocaloric composite with amorphous metallic matrix. <i>Scripta Materialia</i> , 2015, 95, 50-53.	5.2	57