

Shabnam Arbab Chirani

List of Publications by Year in descending order

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6
papers

87
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1937685

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1872680

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docs citations

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65
citing authors

| # | ARTICLE | IF | CITATIONS |
|---|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----------|
| 1 | Toward low and high cycle fatigue behavior of SLM-fabricated NiTi: Considering the effect of build orientation and employing a self-heating approach. <i>International Journal of Mechanical Sciences</i> , 2020, 185, 105878. | 6.7 | 47 |
| 2 | Fatigue analysis of shape memory alloys by self-heating method. <i>International Journal of Mechanical Sciences</i> , 2019, 156, 329-341. | 6.7 | 16 |
| 3 | Self-heating of metastable 304L austenitic stainless steel under cyclic loading: Influence of initial martensite volume fraction, testing temperature and pre-strain. <i>Mechanics of Materials</i> , 2020, 151, 103596. | 3.2 | 11 |
| 4 | Investigation of self-heating and dissipative effects in ferroelectric ceramics subjected to compressive mechanical cyclic loading. <i>Acta Materialia</i> , 2021, 221, 117386. | 7.9 | 8 |
| 5 | Experimental analysis of the pseudoelastic damping capacity of the Fe-30Mn-6Si-5Cr Shape Memory Alloy. <i>Smart Materials and Structures</i> , 2020, 29, 084002. | 3.5 | 4 |
| 6 | Comparison of the cyclic fatigue resistance of One Curve, F6 Skytaper, Protaper Next, and Hyflex CM endodontic files. <i>Restorative Dentistry & Endodontics</i> , 2022, 47, . | 1.5 | 1 |