

Andrew Michael

List of Publications by Year in descending order

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7
papers

121
citations

1478280
6
h-index

1719901
7
g-index

7
all docs

7
docs citations

7
times ranked

168
citing authors

#	ARTICLE	IF	CITATIONS
1	Surface characterizations of laser modified biomedical grade NiTi shape memory alloys. <i>Materials Science and Engineering C</i> , 2015, 50, 367-378.	3.8	50
2	Enhancement of mechanical and functional properties of welded NiTi by controlling nickel vapourisation. <i>Science and Technology of Welding and Joining</i> , 2019, 24, 706-712.	1.5	19
3	Deconvolution of overlapping peaks from differential scanning calorimetry analysis for multi-phase NiTi alloys. <i>Thermochimica Acta</i> , 2018, 665, 53-59.	1.2	15
4	Modelling the alloy element composition change in NiTi achieved through laser induced vaporization. <i>Materials Chemistry and Physics</i> , 2019, 231, 87-94.	2.0	12
5	Effects of post-processing on the thermomechanical fatigue properties of laser modified NiTi. <i>International Journal of Fatigue</i> , 2019, 118, 307-315.	2.8	12
6	Experimental validation of a one-dimensional model for monolithic shape memory alloys with multiple pseudoelastic plateaus. <i>Journal of Intelligent Material Systems and Structures</i> , 2016, 27, 2102-2111.	1.4	7
7	Novel method to analyse tensile properties of ultra-fine NiTi wires with a visual extensometer. <i>Materials Letters</i> , 2016, 182, 177-180.	1.3	6