

Jiayi Bai

List of Publications by Year in descending order

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3
papers

449
citations

2258059

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2550090

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428
citing authors

#	ARTICLE	IF	CITATIONS
1	On utilizing topology optimization to design support structure to prevent residual stress induced build failure in laser powder bed metal additive manufacturing. <i>Additive Manufacturing</i> , 2019, 27, 290-304.	3.0	86
2	Functionally graded lattice structure topology optimization for the design of additive manufactured components with stress constraints. <i>Computer Methods in Applied Mechanics and Engineering</i> , 2019, 344, 334-359.	6.6	195
3	Efficient design optimization of variable-density cellular structures for additive manufacturing: theory and experimental validation. <i>Rapid Prototyping Journal</i> , 2017, 23, 660-677.	3.2	168