

Yuhui Tu

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Towards an instant structure-property prediction quality control tool for additive manufactured steel using a crystal plasticity trained deep learning surrogate. <i>Materials and Design</i> , 2022, 213, 110345.	7.0	11
2	Ti-6Al-4V microstructural functionally graded material by additive manufacturing: Experiment and computational modelling. <i>Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 2021, 823, 141782.	5.6	10
3	A high-fidelity crystal-plasticity finite element methodology for low-cycle fatigue using automatic electron backscatter diffraction scan conversion: Application to hot-rolled cobalt-chromium alloy. <i>Proceedings of the Institution of Mechanical Engineers, Part L: Journal of Materials: Design and Applications</i> , 2021, 235, 1901-1924.	1.1	3