

Heang Kuan Joel Tan

List of Publications by Year in descending order

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Version: 2024-02-01

8
papers

556
citations

1162367
8
h-index

1588620
8
g-index

8
all docs

8
docs citations

8
times ranked

710
citing authors

#	ARTICLE	IF	CITATIONS
1	Microstructure modelling for metallic additive manufacturing: a review. <i>Virtual and Physical Prototyping</i> , 2020, 15, 87-105.	5.3	168
2	Evaluation by medical students of the educational value of multi-material and multi-colored three-dimensional printed models of the upper limb for anatomical education. <i>Anatomical Sciences Education</i> , 2018, 11, 54-64.	2.5	94
3	Resolving the porosity-unmelted inclusion dilemma during in-situ alloying of Ti34Nb via laser powder bed fusion. <i>Acta Materialia</i> , 2021, 204, 116522.	3.8	93
4	3D printed bio-models for medical applications. <i>Rapid Prototyping Journal</i> , 2017, 23, 227-235.	1.6	64
5	Silicone 3D Printing: Process Optimization, Product Biocompatibility, and Reliability of Silicone Meniscus Implants. <i>3D Printing and Additive Manufacturing</i> , 2019, 6, 319-332.	1.4	47
6	Additively manufactured multi-material free-form structure with printed electronics. <i>International Journal of Advanced Manufacturing Technology</i> , 2018, 94, 1309-1316.	1.5	44
7	Multi-material three dimensional printed models for simulation of bronchoscopy. <i>BMC Medical Education</i> , 2019, 19, 236.	1.0	26
8	Development of a three-dimensional printed heart from computed tomography images of a plastinated specimen for learning anatomy. <i>Anatomy and Cell Biology</i> , 2020, 53, 48-57.	0.5	20