

# Heang Kuan Joel Tan

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6394579/publications.pdf>

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	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
2	Microstructure modelling for metallic additive manufacturing: a review. <i>Virtual and Physical Prototyping</i> , 2020, 15, 87-105.	5.3	168
3	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
4	Multi-material three dimensional printed models for simulation of bronchoscopy. <i>BMC Medical Education</i> , 2019, 19, 236.	1.0	26
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	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
7	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
8	3D printed bio-models for medical applications. <i>Rapid Prototyping Journal</i> , 2017, 23, 227-235.	1.6	64