

# Sahil Dhiman

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4770631/publications.pdf>

Version: 2024-02-01

8  
papers

110  
citations

1478505

6  
h-index

1588992

8  
g-index

8  
all docs

8  
docs citations

8  
times ranked

75  
citing authors

#	ARTICLE	IF	CITATIONS
1	Mechanobiological assessment of Ti-6Al-4V fabricated via selective laser melting technique: a review. Rapid Prototyping Journal, 2019, 25, 1266-1284.	3.2	36
2	A framework for effective and clean conversion of machining waste into metal powder feedstock for additive manufacturing. Cleaner Engineering and Technology, 2021, 4, 100151.	4.0	19
3	Assessment of municipal solid waste management system in Lae City, Papua New Guinea in the context of sustainable development. Environment, Development and Sustainability, 2021, 23, 18509-18539.	5.0	15
4	Cubic Lattice Structures of Ti6Al4V under Compressive Loading: Towards Assessing the Performance for Hard Tissue Implants Alternative. Materials, 2021, 14, 3866.	2.9	14
5	Optimization of modulation-assisted drilling of Ti-6Al-4V aerospace alloy via response surface method. Materials and Manufacturing Processes, 2020, 35, 1313-1329.	4.7	12
6	Recycling of Ti6Al4V machining swarf into additive manufacturing feedstock powder to realise sustainable recycling goals. Journal of Cleaner Production, 2022, 348, 131342.	9.3	11
7	Computational and experimental study of lattice structured patterns for casting process. Rapid Prototyping Journal, 2021, 27, 197-206.	3.2	2
8	Assessment of positional error and hole quality during vibration-based drilling of aerospace alloy. Journal of Mechanical Science and Technology, 2021, 35, 5621-5630.	1.5	1