

# 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

1651377

6  
h-index

1762888

8  
g-index

8  
all docs

8  
docs citations

8  
times ranked

88  
citing authors

| # | ARTICLE  | IF  | CITATIONS |
|---|--|-----|-----------|
| 1 | Recycling of Ti6Al4V machining swarf into additive manufacturing feedstock powder to realise sustainable recycling goals. <i>Journal of Cleaner Production</i> , 2022, 348, 131342.                        | 4.6 | 11        |
| 2 | Computational and experimental study of lattice structured patterns for casting process. <i>Rapid Prototyping Journal</i> , 2021, 27, 197-206.   | 1.6 | 2         |
| 3 | Assessment of municipal solid waste management system in Lae City, Papua New Guinea in the context of sustainable development. <i>Environment, Development and Sustainability</i> , 2021, 23, 18509-18539. | 2.7 | 15        |
| 4 | Cubic Lattice Structures of Ti6Al4V under Compressive Loading: Towards Assessing the Performance for Hard Tissue Implants Alternative. <i>Materials</i> , 2021, 14, 3866.                                  | 1.3 | 14        |
| 5 | A framework for effective and clean conversion of machining waste into metal powder feedstock for additive manufacturing. <i>Cleaner Engineering and Technology</i> , 2021, 4, 100151.                     | 2.1 | 19        |
| 6 | Assessment of positional error and hole quality during vibration-based drilling of aerospace alloy. <i>Journal of Mechanical Science and Technology</i> , 2021, 35, 5621-5630.                             | 0.7 | 1         |
| 7 | Optimization of modulation-assisted drilling of Ti-6Al-4V aerospace alloy via response surface method. <i>Materials and Manufacturing Processes</i> , 2020, 35, 1313-1329.                                 | 2.7 | 12        |
| 8 | Mechanobiological assessment of Ti-6Al-4V fabricated via selective laser melting technique: a review. <i>Rapid Prototyping Journal</i> , 2019, 25, 1266-1284.  | 1.6 | 36        |