

Lewis Newton

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6683910/publications.pdf>

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7
papers

228
citations

1478505

6
h-index

1720034

7
g-index

7
all docs

7
docs citations

7
times ranked

277
citing authors

| # | ARTICLE | IF | CITATIONS |
|---|---|-----|-----------|
| 1 | Generation and categorisation of surface texture data using a modified progressively growing adversarial network. <i>Precision Engineering</i> , 2022, 74, 1-11. | 3.4 | 10 |
| 2 | Optical system for the measurement of the surface topography of additively manufactured parts. <i>Measurement Science and Technology</i> , 2022, 33, 104001. | 2.6 | 4 |
| 3 | Feature-based characterisation of Ti6Al4V electron beam powder bed fusion surfaces fabricated at different surface orientations. <i>Additive Manufacturing</i> , 2020, 35, 101273. | 3.0 | 10 |
| 4 | Improved fatigue strength of additively manufactured Ti6Al4V by surface post processing. <i>International Journal of Fatigue</i> , 2020, 134, 105497. | 5.7 | 127 |
| 5 | Increasing throughput in x-ray computed tomography measurement of surface topography using sinogram interpolation. <i>Measurement Science and Technology</i> , 2019, 30, 125002. | 2.6 | 10 |
| 6 | Areal topography measurement of metal additive surfaces using focus variation microscopy. <i>Additive Manufacturing</i> , 2019, 25, 365-389. | 3.0 | 53 |
| 7 | Comparison and validation of surface topography segmentation methods for feature-based characterisation of metal powder bed fusion surfaces. <i>Surface Topography: Metrology and Properties</i> , 2019, 7, 045020. | 1.6 | 14 |