# Lei Yuan

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/2649618/publications.pdf

Version: 2024-02-01

| 10 | 410 | 933447 10 | 1372567 10 |
|---|---|---|---|
| papers | citations | h-index | g-index |

| 10 | 10 | 10 | 368 |
|---|---|---|---|
| all docs | docs citations | times ranked | citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Fabrication of metallic parts with overhanging structures using the robotic wire arc additive manufacturing. Journal of Manufacturing Processes, 2021, 63, 24-34. | 5.9 | 31 |
| 2 | WAAM process for metal block structure parts based on mixed heat input. International Journal of Advanced Manufacturing Technology, 2021, 113, 503-521. | 3.0 | 18 |
| 3 | A practical fabrication strategy for wire arc additive manufacturing of metallic parts with wire structures. International Journal of Advanced Manufacturing Technology, 2021, 115, 3197-3212. | 3.0 | 13 |
| 4 | Application of Multidirectional Robotic Wire Arc Additive Manufacturing Process for the Fabrication of Complex Metallic Parts. IEEE Transactions on Industrial Informatics, 2020, 16, 454-464. | 11.3 | 38 |
| 5 | Investigation of humping phenomenon for the multi-directional robotic wire and arc additive manufacturing. Robotics and Computer-Integrated Manufacturing, 2020, 63, 101916. | 9.9 | 39 |
| 6 | Mode coupling chatter suppression for robotic machining using semi-active magnetorheological elastomers absorber. Mechanical Systems and Signal Processing, 2019, 117, 221-237. | 8.0 | 82 |
| 7 | Mode coupling chatter prediction and avoidance in robotic machining process. International Journal of Advanced Manufacturing Technology, 2019, 104, 2103-2116. | 3.0 | 15 |
| 8 | Mitigation of thermal distortion in wire arc additively manufactured Ti6Al4V part using active interpass cooling. Science and Technology of Welding and Joining, 2019, 24, 484-494. | 3.1 | 47 |
| 9 | A Review on Chatter in Robotic Machining Process Regarding Both Regenerative and Mode Coupling Mechanism. IEEE/ASME Transactions on Mechatronics, 2018, 23, 2240-2251. | 5.8 | 74 |
| 10 | The influence of post-production heat treatment on the multi-directional properties of nickel-aluminum bronze alloy fabricated using wire-arc additive manufacturing process. Additive Manufacturing, 2018, 23, 411-421. | 3.0 | 53 |