

Haining Zhang

List of Publications by Year in descending order

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Version: 2024-02-01

10
papers

314
citations

1307366

7
h-index

1588896

8
g-index

10
all docs

10
docs citations

10
times ranked

298
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | 3D Printing of Multilayered and Multimaterial Electronics: A Review. <i>Advanced Electronic Materials</i> , 2021, 7, 2100445. | 2.6 | 119 |
| 2 | 3D Printed Electronics of Non-contact Ink Writing Techniques: Status and Promise. <i>International Journal of Precision Engineering and Manufacturing - Green Technology</i> , 2020, 7, 511-524. | 2.7 | 53 |
| 3 | Hybrid Machine Learning Method to Determine the Optimal Operating Process Window in Aerosol Jet 3D Printing. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 17994-18003. | 4.0 | 45 |
| 4 | A hybrid multi-objective optimization of aerosol jet printing process via response surface methodology. <i>Additive Manufacturing</i> , 2020, 33, 101096. | 1.7 | 29 |
| 5 | Reviews on Machine Learning Approaches for Process Optimization in Noncontact Direct Ink Writing. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 53323-53345. | 4.0 | 27 |
| 6 | A knowledge transfer framework to support rapid process modeling in aerosol jet printing. <i>Advanced Engineering Informatics</i> , 2021, 48, 101264. | 4.0 | 15 |
| 7 | A Customized Smart Medical Mask For Healthcare Personnel. , 2020, , . | | 13 |
| 8 | A multi-objective optimization framework for aerosol jet customized line width printing via small data set and prediction uncertainty. <i>Journal of Materials Processing Technology</i> , 2020, 285, 116779. | 3.1 | 9 |
| 9 | A Post-Treatment Method to Enhance the Property of Aerosol Jet Printed Electric Circuit on 3D Printed Substrate. <i>Materials</i> , 2020, 13, 5602. | 1.3 | 3 |
| 10 | Aerosol Jet Printed Temperature Sensor for Wireless Healthcare Monitoring. , 2021, , 663-674. | | 1 |