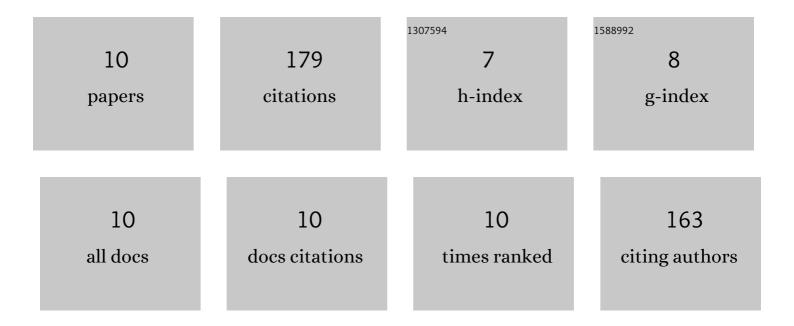
## Yazhou Sun

List of Publications by Year in descending order

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Υλζηση ζην

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| # | Article                                                                                                                                                                                                                                        | IF   | CITATIONS |
|---|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|-----------|
| 1 | 3D printing of tissue engineering scaffolds: a focus on vascular regeneration. Bio-Design and Manufacturing, 2021, 4, 344-378.                                                                                                                 | 7.7  | 88        |
| 2 | Effect of motor rotor eccentricity on aerostatic spindle vibration in machining processes.<br>Proceedings of the Institution of Mechanical Engineers, Part C: Journal of Mechanical Engineering<br>Science, 2018, 232, 1331-1342.              | 2.1  | 21        |
| 3 | Bioscaffolds embedded with regulatory modules for cell growth and tissue formation: A review.<br>Bioactive Materials, 2021, 6, 1283-1307.                                                                                                      | 15.6 | 20        |
| 4 | Product and Process Fingerprint for Nanosecond Pulsed Laser Ablated Superhydrophobic Surface.<br>Micromachines, 2019, 10, 177.                                                                                                                 | 2.9  | 13        |
| 5 | An Mechatronics Coupling Design Approach for Aerostatic Bearing Spindles. International Journal of<br>Precision Engineering and Manufacturing, 2019, 20, 1185-1196.                                                                            | 2.2  | 11        |
| 6 | Theoretical prediction and experimental verification of the unbalanced magnetic force in air bearing motor spindles. Proceedings of the Institution of Mechanical Engineers, Part B: Journal of Engineering Manufacture, 2019, 233, 2330-2344. | 2.4  | 10        |
| 7 | Influence of Unbalanced Electromagnetic Force and Air Supply Pressure Fluctuation in Air Bearing<br>Spindles on Machining Surface Topography. International Journal of Precision Engineering and<br>Manufacturing, 2021, 22, 1-12.             | 2.2  | 10        |
| 8 | Laser-assisted grinding of reaction-bonded SiC. Journal of Micromanufacturing, 2020, 3, 93-98.                                                                                                                                                 | 1.1  | 5         |
| 9 | 5-axis micro-milling machine tool for machining complex 3D meso-scale parts. , 2009, , .                                                                                                                                                       |      | 1         |
|   |                                                                                                                                                                                                                                                |      |           |

10 Analysis of thermal stability of center of mass of gas-floated gyroscope., 2011,,.