

# Yazhou Sun

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9644172/publications.pdf>

Version: 2024-02-01

10  
papers

179  
citations

1307594

7  
h-index

1588992

8  
g-index

10  
all docs

10  
docs citations

10  
times ranked

163  
citing authors

| #  | ARTICLE  | IF   | CITATIONS |
|----|--|------|-----------|
| 1  | 3D printing of tissue engineering scaffolds: a focus on vascular regeneration. <i>Bio-Design and Manufacturing</i> , 2021, 4, 344-378.   | 7.7  | 88        |
| 2  | Effect of motor rotor eccentricity on aerostatic spindle vibration in machining processes. <i>Proceedings of the Institution of Mechanical Engineers, Part C: Journal of Mechanical Engineering Science</i> , 2018, 232, 1331-1342.                    | 2.1  | 21        |
| 3  | Bioscaffolds embedded with regulatory modules for cell growth and tissue formation: A review. <i>Bioactive Materials</i> , 2021, 6, 1283-1307.   | 15.6 | 20        |
| 4  | Product and Process Fingerprint for Nanosecond Pulsed Laser Ablated Superhydrophobic Surface. <i>Micromachines</i> , 2019, 10, 177.  | 2.9  | 13        |
| 5  | An Mechatronics Coupling Design Approach for Aerostatic Bearing Spindles. <i>International Journal of Precision Engineering and Manufacturing</i> , 2019, 20, 1185-1196.   | 2.2  | 11        |
| 6  | Theoretical prediction and experimental verification of the unbalanced magnetic force in air bearing motor spindles. <i>Proceedings of the Institution of Mechanical Engineers, Part B: Journal of Engineering Manufacture</i> , 2019, 233, 2330-2344. | 2.4  | 10        |
| 7  | Influence of Unbalanced Electromagnetic Force and Air Supply Pressure Fluctuation in Air Bearing Spindles on Machining Surface Topography. <i>International Journal of Precision Engineering and Manufacturing</i> , 2021, 22, 1-12.                   | 2.2  | 10        |
| 8  | Laser-assisted grinding of reaction-bonded SiC. <i>Journal of Micromanufacturing</i> , 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, , .  |      | 0         |