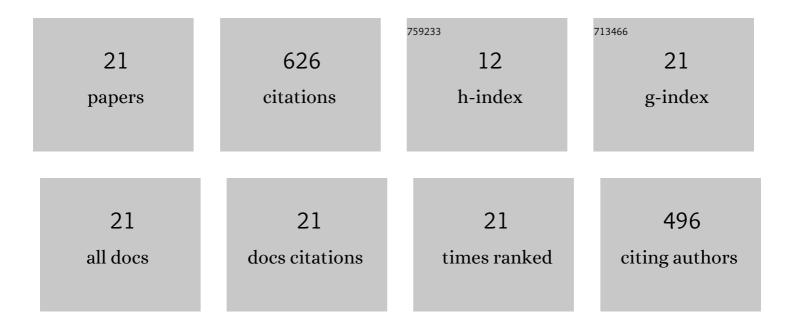
## **Congcong Luan**

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/617289/publications.pdf Version: 2024-02-01



#	Article	IF	CITATIONS
1	A machining feature recognition approach based on hierarchical neural network for multi-feature point cloud models. Journal of Intelligent Manufacturing, 2023, 34, 2599-2610.	7.3	5
2	Additive Manufacturing of Polyamide 66: Effect of Process Parameters on Crystallinity and Mechanical Properties. Journal of Materials Engineering and Performance, 2022, 31, 191-200.	2.5	10
3	Tunable soft–stiff hybridized fiber-reinforced thermoplastic composites using controllable multimaterial additive manufacturing technology. Additive Manufacturing, 2022, 55, 102836.	3.0	5
4	Acoustic Metamaterials: A Review of Theories, Structures, Fabrication Approaches, and Applications. Advanced Materials Technologies, 2021, 6, 2000787.	5.8	87
5	Broadband controllable acoustic focusing and asymmetric focusing by acoustic metamaterials. Smart Materials and Structures, 2021, 30, 045021.	3.5	13
6	A flexible porous chiral auxetic tracheal stent with ciliated epithelium. Acta Biomaterialia, 2021, 124, 153-165.	8.3	24
7	High-Performance Auxetic Bilayer Conductive Mesh-Based Multi-Material Integrated Stretchable Strain Sensors. ACS Applied Materials & Interfaces, 2021, 13, 23038-23048.	8.0	25
8	Recent Progress in 3D Printing of Smart Structures: Classification, Challenges, and Trends. Advanced Intelligent Systems, 2021, 3, 2000271.	6.1	16
9	Acoustic wave filtering strategy based on gradient acoustic metamaterials. Journal Physics D: Applied Physics, 2021, 54, 335301.	2.8	6
10	Fabrication and characterization of in situ structural health monitoring hybrid continuous carbon/glass fiber–reinforced thermoplastic composite. International Journal of Advanced Manufacturing Technology, 2021, 116, 3207-3215.	3.0	10
11	A novel wavy non-uniform ligament chiral stent with J-shaped stress–strain behavior to mimic the native trachea. Bio-Design and Manufacturing, 2021, 4, 851-866.	7.7	6
12	Integrated and shape-adaptable multifunctional flexible triboelectric nanogenerators using coaxial direct ink writing 3D printing. Nano Energy, 2021, 90, 106534.	16.0	17
13	Recent Progress in 3D Printing of Smart Structures: Classification, Challenges, and Trends. Advanced Intelligent Systems, 2021, 3, .	6.1	2
14	Integrated self-monitoring and self-healing continuous carbon fiber reinforced thermoplastic structures using dual-material three-dimensional printing technology. Composites Science and Technology, 2020, 188, 107986.	7.8	22
15	Progress in Auxetic Mechanical Metamaterials: Structures, Characteristics, Manufacturing Methods, and Applications. Advanced Engineering Materials, 2020, 22, 2000312.	3.5	93
16	Mechanical and self-monitoring behaviors of 3D printing smart continuous carbon fiber-thermoplastic lattice truss sandwich structure. Composites Part B: Engineering, 2019, 176, 107215.	12.0	43
17	Large-scale deformation and damage detection of 3D printed continuous carbon fiber reinforced polymer-matrix composite structures. Composite Structures, 2019, 212, 552-560.	5.8	33
18	Self-Sensing of Position-Related Loads in Continuous Carbon Fibers-Embedded 3D-Printed Polymer Structures Using Electrical Resistance Measurement. Sensors, 2018, 18, 994.	3.8	32

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#	Article	IF	CITATIONS
19	Self-monitoring continuous carbon fiber reinforced thermoplastic based on dual-material three-dimensional printing integration process. Carbon, 2018, 140, 100-111.	10.3	34
20	Evaluation of carbon fiber-embedded 3D printed structures for strengthening and structural-health monitoring. Materials and Design, 2017, 114, 424-432.	7.0	139
21	Transmission and measurement characteristics evaluation of surface acoustic wave sensor on rotating spindle in machine tools. Advances in Mechanical Engineering, 2016, 8, 168781401667678.	1.6	4