

# Lei Li

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4913581/publications.pdf>

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764  
citing authors

#	ARTICLE	IF	CITATIONS
1	Current and future trends in topology optimization for additive manufacturing. Structural and Multidisciplinary Optimization, 2018, 57, 2457-2483.	3.5	533
2	Effect of printing strategies on forming accuracy and mechanical properties of ZrO2 parts fabricated by SLA technology. Ceramics International, 2019, 45, 17630-17637.	4.8	70
3	A survey of design methods for material extrusion polymer 3D printing. Virtual and Physical Prototyping, 2020, 15, 148-162.	10.4	59
4	A survey of feature modeling methods: Historical evolution and new development. Robotics and Computer-Integrated Manufacturing, 2020, 61, 101851.	9.9	34
5	Uniform thickness control without pre-specifying the length scale target under the level set topology optimization framework. Advances in Engineering Software, 2018, 115, 204-216.	3.8	22
6	Full sensitivity-driven gap/overlap free design of carbon fiber-reinforced composites for 3D printing. Applied Mathematical Modelling, 2022, 103, 308-326.	4.2	17
7	Multi-view feature modeling for design-for-additive manufacturing. Advanced Engineering Informatics, 2019, 39, 144-156.	8.0	14
8	Feature-based intelligent system for steam simulation using computational fluid dynamics. Advanced Engineering Informatics, 2018, 38, 357-369.	8.0	13
9	Manufacturing of a ceramic groove part based on additive and subtractive technologies. Ceramics International, 2021, 47, 740-747.	4.8	12
10	Association of design and computational fluid dynamics simulation intent in flow control product optimization. Proceedings of the Institution of Mechanical Engineers, Part B: Journal of Engineering Manufacture, 2018, 232, 2309-2322.	2.4	11
11	CAD/CAE associative features for cyclic fluid control effect modeling. Computer-Aided Design and Applications, 2016, 13, 208-220.	0.6	10
12	A servo-motor driven active blank holder control system for deep drawing process. International Journal of Advanced Manufacturing Technology, 2016, 87, 3185-3193.	3.0	7
13	CFD-Based Optimization of Fluid Flow Product Aided by Artificial Intelligence and Design Space Validation. Mathematical Problems in Engineering, 2018, 2018, 1-14.	1.1	7
14	Association of Design and Simulation Intent in CAD/CFD Integration. Procedia CIRP, 2016, 56, 1-6.	1.9	5
15	Artificial intelligence aided CFD analysis regime validation and selection in feature-based cyclic CAD/CFD interaction process. Computer-Aided Design and Applications, 2018, 15, 643-652.	0.6	5
16	Integration of Well-defined BIM External Module with CAD via Associative Feature Templates. Computer-Aided Design and Applications, 2019, 16, 878-893.	0.6	3
17	Intelligent Design Optimization System for Additively Manufactured Flow Channels Based on Fluid-Structure Interaction. Micromachines, 2022, 13, 100.	2.9	2
18	Printing Ready Topology Optimization for Material Extrusion Polymer Additive Manufacturing. 3D Printing and Additive Manufacturing, 0, , .	2.9	0