

# Jianzhi Li

## List of Publications by Year in descending order

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Version: 2024-02-01

32  
papers

977  
citations

567281

15  
h-index

526287

27  
g-index

44  
all docs

44  
docs citations

44  
times ranked

1031  
citing authors

#	ARTICLE	IF	CITATIONS
1	Printed circuit board recycling: a state-of-the-art survey. IEEE Transactions on Electronics Packaging Manufacturing, 2004, 27, 33-42.	1.4	135
2	Zinc ferrite based gas sensors: A review. Ceramics International, 2019, 45, 11143-11157.	4.8	116
3	Printed circuit board recycling: a state-of-art survey. , 0, , .		86
4	A hybrid simulation optimization method for production planning of dedicated remanufacturing. International Journal of Production Economics, 2009, 117, 286-301.	8.9	86
5	Study of processing variables on the electrical resistivity of conductive adhesives. International Journal of Adhesion and Adhesives, 2009, 29, 488-494.	2.9	78
6	Application of optimized laser surface re-melting process on selective laser melted 316L stainless steel inclined parts. Journal of Manufacturing Processes, 2020, 56, 726-734.	5.9	56
7	A multi-objective fuzzy graph approach for modular formulation considering end-of-life issues. International Journal of Production Research, 2008, 46, 4011-4033.	7.5	53
8	A State-of-the-Art Review of Laser-Assisted Bioprinting and its Future Research Trends. ChemBioEng Reviews, 2021, 8, 517-534.	4.4	53
9	Piezo-tribo dual effect hybrid nanogenerators for health monitoring. Nano Energy, 2021, 82, 105691.	16.0	38
10	Using Fuzzy Multi-Agent Decision-Making In Environmentally Conscious Supplier Management. CIRP Annals - Manufacturing Technology, 2003, 52, 385-388.	3.6	36
11	A WEB-BASED SYSTEM FOR REVERSE MANUFACTURING AND PRODUCT ENVIRONMENTAL IMPACT ASSESSMENT CONSIDERING END-OF-LIFE DISPOSITIONS. CIRP Annals - Manufacturing Technology, 2004, 53, 5-8.	3.6	35
12	Experimental studies on cryogenic recycling of printed circuit board. International Journal of Advanced Manufacturing Technology, 2007, 34, 657-666.	3.0	29
13	Modeling and optimization of the molten salt cleaning process. Journal of Cleaner Production, 2014, 68, 243-251.	9.3	22
14	Synthesis and fabrication of self-sustainable triboelectric energy case for powering smart electronic devices. Nano Energy, 2020, 73, 104774.	16.0	18
15	Application of neural network on environmental impact assessment tools. International Journal of Sustainable Manufacturing, 2008, 1, 100.	0.3	17
16	Sensor deployment based on fuzzy graph considering heterogeneity and multiple-objectives to diagnose manufacturing system. Robotics and Computer-Integrated Manufacturing, 2013, 29, 192-208.	9.9	17
17	Experimental study of evaporation and crystallization of brine droplets under different temperatures and humidity levels. International Communications in Heat and Mass Transfer, 2020, 110, 104427.	5.6	17
18	Selective laser alloying of elemental titanium and boron powder: Thermal models and experiment verification. Journal of Materials Processing Technology, 2017, 249, 426-432.	6.3	14

#	ARTICLE	IF	CITATIONS
19	Numerical simulation of the melting and alloying processes of elemental titanium and boron powders using selective laser alloying. <i>Journal of Manufacturing Processes</i> , 2021, 64, 1235-1247.	5.9	14
20	Asymmetric negotiation based collaborative product design for component reuse in disparate products. <i>Computers and Industrial Engineering</i> , 2009, 57, 80-90.	6.3	13
21	Decentralized triboelectric electronic health monitoring flexible microdevice. <i>Medical Devices &amp; Sensors</i> , 2020, 3, e10103.	2.7	8
22	Consumer initial acceptance and continued use of recommendation agents: literature review and proposed conceptual framework. <i>International Journal of Electronic Marketing and Retailing</i> , 2014, 6, 112.	0.2	7
23	Analysis of the operating conditions of pulse electric field-assisted EHD for sodium alginate printing using design of experiment approach. <i>International Journal of Advanced Manufacturing Technology</i> , 2021, 115, 2037-2047.	3.0	7
24	Printing quality improvement for laser-induced forward transfer bioprinting: Numerical modeling and experimental validation. <i>Physics of Fluids</i> , 2021, 33, .	4.0	6
25	ULTRASHORT LASER MELTING OF COPPER NANOPARTICLES: A MOLECULAR DYNAMICS STUDY. <i>International Journal of Energy for A Clean Environment</i> , 2016, 17, 1-25.	1.1	5
26	Selective Laser Melting of Mechanically Alloyed Metastable Al <sub>5</sub> Fe <sub>2</sub> Powders. <i>Journal of Manufacturing Science and Engineering, Transactions of the ASME</i> , 2019, 141, .	2.2	4
27	Plug and play information sharing architecture and its application in green supply chain management. , 0, , .		2
28	A distributed design methodology for extensible product life cycle strategy. , 0, , .		1
29	Remanufacturing Processes, Planning and Control. <i>Springer Proceedings in Mathematics and Statistics</i> , 2014, , 329-356.	0.2	1
30	Numerical and Experimental Study of Bioink Transfer Process in Laser Induced Forward Transfer (LIFT) 3D Bioprinting. , 2020, , .		1
31	Grow Local Manufacturing along US/Mexico Border Region for an Integrated Supply Chain in the Post-COVID-19 Era. <i>Smart and Sustainable Manufacturing Systems</i> , 2020, 4, 20200067.	0.7	1
32	A smart decision making tool for cleaning process planning in remanufacturing. <i>International Journal of Rapid Manufacturing</i> , 2020, 9, 167.	0.5	0