

# Xinyu Li

## List of Publications by Year in descending order

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Version: 2024-02-01

30  
papers

951  
citations

394421

19  
h-index

501196

28  
g-index

30  
all docs

30  
docs citations

30  
times ranked

283  
citing authors

#	ARTICLE	IF	CITATIONS
1	Achieving Cognitive Mass Personalization via the Self-X Cognitive Manufacturing Network: An Industrial Knowledge Graph- and Graph Embedding-Enabled Pathway. <i>Engineering</i> , 2023, 22, 14-19.	6.7	20
2	A multitask context-aware approach for design lesson-learned knowledge recommendation in collaborative product design. <i>Journal of Intelligent Manufacturing</i> , 2023, 34, 1615-1637.	7.3	5
3	Semantic-aware event link reasoning over industrial knowledge graph embedding time series data. <i>International Journal of Production Research</i> , 2023, 61, 4117-4134.	7.5	22
4	Hybrid sensing-based approach for the monitoring and maintenance of shared manufacturing resources. <i>International Journal of Production Research</i> , 2023, 61, 3849-3867.	7.5	15
5	A hypergraph-based approach for context-aware smart product-service system configuration. <i>Computers and Industrial Engineering</i> , 2022, 163, 107816.	6.3	26
6	Achieving Knowledge-as-a-Service in IIoT-driven smart manufacturing: A crowdsourcing-based continuous enrichment method for Industrial Knowledge Graph. <i>Advanced Engineering Informatics</i> , 2022, 51, 101494.	8.0	29
7	A knowledge graph-based data representation approach for IIoT-enabled cognitive manufacturing. <i>Advanced Engineering Informatics</i> , 2022, 51, 101515.	8.0	43
8	A machine learning-based iterative design approach to automate user satisfaction degree prediction in smart product-service system. <i>Computers and Industrial Engineering</i> , 2022, 165, 107939.	6.3	24
9	Toward cognitive predictive maintenance: A survey of graph-based approaches. <i>Journal of Manufacturing Systems</i> , 2022, 64, 107-120.	13.9	49
10	A data-driven reversible framework for achieving Sustainable Smart product-service systems. <i>Journal of Cleaner Production</i> , 2021, 279, 123618.	9.3	77
11	Cognitive factors of the transfer of empirical engineering knowledge: A behavioral and fNIRS study. <i>Advanced Engineering Informatics</i> , 2021, 47, 101207.	8.0	12
12	A graph-based context-aware requirement elicitation approach in smart product-service systems. <i>International Journal of Production Research</i> , 2021, 59, 635-651.	7.5	50
13	A context-aware diversity-oriented knowledge recommendation approach for smart engineering solution design. <i>Knowledge-Based Systems</i> , 2021, 215, 106739.	7.1	46
14	Exploiting knowledge graphs in industrial products and services: A survey of key aspects, challenges, and future perspectives. <i>Computers in Industry</i> , 2021, 129, 103449.	9.9	67
15	A heuristic optimization approach for multi-vehicle and one-cargo green transportation scheduling in shipbuilding. <i>Advanced Engineering Informatics</i> , 2021, 49, 101306.	8.0	22
16	Towards Self-X cognitive manufacturing network: An industrial knowledge graph-based multi-agent reinforcement learning approach. <i>Journal of Manufacturing Systems</i> , 2021, 61, 16-26.	13.9	92
17	A context-aware concept evaluation approach based on user experiences for smart product-service systems design iteration. <i>Advanced Engineering Informatics</i> , 2021, 50, 101394.	8.0	33
18	Functional Brain Network Analysis of Knowledge Transfer While Engineering Problem-Solving. <i>Frontiers in Human Neuroscience</i> , 2021, 15, 713692.	2.0	4

#	ARTICLE	IF	CITATIONS
19	A Closed-Loop Context-Aware Framework for Sustainable Smart PSS Development. , 2020, , .		3
20	A holistic relook at engineering design methodologies for smart product-service systems development. Journal of Cleaner Production, 2020, 272, 122737.	9.3	38
21	Industrial smart productâ€service system development for lifecycle sustainability concerns. IET Collaborative Intelligent Manufacturing, 2020, 2, 197-201.	3.3	9
22	A Knowledge Graph-Aided Conceptâ€Knowledge Approach for Evolutionary Smart Productâ€Service System Development. Journal of Mechanical Design, Transactions of the ASME, 2020, 142, .	2.9	72
23	Evaluating Smart PSS Solutions with Context-Awareness in Usage Phase. Advances in Transdisciplinary Engineering, 2020, , .	0.1	2
24	A novel data-driven graph-based requirement elicitation framework in the smart product-service system context. Advanced Engineering Informatics, 2019, 42, 100983.	8.0	101
25	Fostering the transfer of empirical engineering knowledge under technological paradigm shift: An experimental study in conceptual design. Advanced Engineering Informatics, 2019, 41, 100927.	8.0	20
26	Transfer of Empirical Engineering Knowledge Under Technological Paradigm Shift. Advances in Intelligent Systems and Computing, 2019, , 234-250.	0.6	0
27	A novel approach for analysing evolutional motivation of empirical engineering knowledge. International Journal of Production Research, 2018, 56, 2897-2923.	7.5	21
28	Long-term knowledge evolution modeling for empirical engineering knowledge. Advanced Engineering Informatics, 2017, 34, 17-35.	8.0	36
29	A Novel Method for Acquiring Engineering-Oriented Operational Empirical Knowledge. Mathematical Problems in Engineering, 2016, 2016, 1-19.	1.1	2
30	Modeling knowledge need awareness using the problematic situations elicited from questions and answers. Knowledge-Based Systems, 2015, 75, 173-183.	7.1	11