Xinyu Li

List of Publications by Year
in descending order

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	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
2	Towards Self-X cognitive manufacturing network: An industrial knowledge graph-based multi-agent reinforcement learning approach. Journal of Manufacturing Systems, 2021, 61, 16-26.	13.9	92
3	A data-driven reversible framework for achieving Sustainable Smart product-service systems. Journal of Cleaner Production, 2021, 279, 123618.	9.3	77
4	A Knowledge Graph-Aided Concept–Knowledge Approach for Evolutionary Smart Product–Service System Development. Journal of Mechanical Design, Transactions of the ASME, 2020, 142, .	2.9	72
5	Exploiting knowledge graphs in industrial products and services: A survey of key aspects, challenges, and future perspectives. Computers in Industry, 2021, 129, 103449.	9.9	67
6	A graph-based context-aware requirement elicitation approach in smart product-service systems. International Journal of Production Research, 2021, 59, 635-651.	7.5	50
7	Toward cognitive predictive maintenance: A survey of graph-based approaches. Journal of Manufacturing Systems, 2022, 64, 107-120.	13.9	49
8	A context-aware diversity-oriented knowledge recommendation approach for smart engineering solution design. Knowledge-Based Systems, 2021, 215, 106739.	7.1	46
9	A knowledge graph-based data representation approach for IIoT-enabled cognitive manufacturing. Advanced Engineering Informatics, 2022, 51, 101515.	8.0	43
10	A holistic relook at engineering design methodologies for smart product-service systems development. Journal of Cleaner Production, 2020, 272, 122737.	9.3	38
11	Long-term knowledge evolution modeling for empirical engineering knowledge. Advanced Engineering Informatics, 2017, 34, 17-35.	8.0	36
12	A context-aware concept evaluation approach based on user experiences for smart product-service systems design iteration. Advanced Engineering Informatics, 2021, 50, 101394.	8.0	33
13	Achieving Knowledge-as-a-Service in IIoT-driven smart manufacturing: A crowdsourcing-based continuous enrichment method for Industrial Knowledge Graph. Advanced Engineering Informatics, 2022, 51, 101494.	8.0	29
14	A hypergraph-based approach for context-aware smart product-service system configuration. Computers and Industrial Engineering, 2022, 163, 107816.	6.3	26
15	A machine learning-based iterative design approach to automate user satisfaction degree prediction in smart product-service system. Computers and Industrial Engineering, 2022, 165, 107939.	6.3	24
16	A heuristic optimization approach for multi-vehicle and one-cargo green transportation scheduling in shipbuilding. Advanced Engineering Informatics, 2021, 49, 101306.	8.0	22
17	Semantic-aware event link reasoning over industrial knowledge graph embedding time series data. International Journal of Production Research, 2023, 61, 4117-4134.	7.5	22
18	A novel approach for analysing evolutional motivation of empirical engineering knowledge. International Journal of Production Research, 2018, 56, 2897-2923.	7.5	21

#	Article	IF	Citations
19	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
20	Achieving Cognitive Mass Personalization via the Self-X Cognitive Manufacturing Network: An Industrial Knowledge Graph- and Graph Embedding-Enabled Pathway. Engineering, 2023, 22, 14-19.	6.7	20
21	Hybrid sensing-based approach for the monitoring and maintenance of shared manufacturing resources. International Journal of Production Research, 2023, 61, 3849-3867.	7.5	15
22	Cognitive factors of the transfer of empirical engineering knowledge: A behavioral and fNIRS study. Advanced Engineering Informatics, 2021, 47, 101207.	8.0	12
23	Modeling knowledge need awareness using the problematic situations elicited from questions and answers. Knowledge-Based Systems, 2015, 75, 173-183.	7.1	11
24	Industrial smart product–service system development for lifecycle sustainability concerns. IET Collaborative Intelligent Manufacturing, 2020, 2, 197-201.	3.3	9
25	A multitask context-aware approach for design lesson-learned knowledge recommendation in collaborative product design. Journal of Intelligent Manufacturing, 2023, 34, 1615-1637.	7.3	5
26	Functional Brain Network Analysis of Knowledge Transfer While Engineering Problem-Solving. Frontiers in Human Neuroscience, 2021, 15, 713692.	2.0	4
27	A Closed-Loop Context-Aware Framework for Sustainable Smart PSS Development. , 2020, , .		3
28	A Novel Method for Acquiring Engineering-Oriented Operational Empirical Knowledge. Mathematical Problems in Engineering, 2016, 2016, 1-19.	1.1	2
29	Evaluating Smart PSS Solutions with Context-Awareness in Usage Phase. Advances in Transdisciplinary Engineering, 2020, , .	0.1	2
30	Transfer of Empirical Engineering Knowledge Under Technological Paradigm Shift. Advances in Intelligent Systems and Computing, 2019, , 234-250.	0.6	0