

# Wenyan Song

## List of Publications by Year in descending order

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Version: 2024-02-01

63  
papers

2,745  
citations

172457

29  
h-index

182427

51  
g-index

65  
all docs

65  
docs citations

65  
times ranked

1803  
citing authors

| #  | ARTICLE  | IF   | CITATIONS |
|----|--|------|-----------|
| 1  | A rough TOPSIS Approach for Failure Mode and Effects Analysis in Uncertain Environments. <i>Quality and Reliability Engineering International</i> , 2014, 30, 473-486.                                 | 2.3  | 188       |
| 2  | A customization-oriented framework for design of sustainable product/service system. <i>Journal of Cleaner Production</i> , 2017, 140, 1672-1685.  | 9.3  | 181       |
| 3  | Sustainable supplier selection based on SSCM practices: A rough cloud TOPSIS approach. <i>Journal of Cleaner Production</i> , 2019, 222, 606-621.  | 9.3  | 149       |
| 4  | Failure Mode and Effect Analysis Using Cloud Model Theory and PROMETHEE Method. <i>IEEE Transactions on Reliability</i> , 2017, 66, 1058-1072.   | 4.6  | 139       |
| 5  | Identifying critical risk factors of sustainable supply chain management: A rough strength-relation analysis method. <i>Journal of Cleaner Production</i> , 2017, 143, 100-115.                        | 9.3  | 133       |
| 6  | Failure modes and effects analysis using integrated weight-based fuzzy TOPSIS. <i>International Journal of Computer Integrated Manufacturing</i> , 2013, 26, 1172-1186.                                | 4.6  | 113       |
| 7  | Developing sustainable supplier selection criteria for solar air-conditioner manufacturer: An integrated approach. <i>Renewable and Sustainable Energy Reviews</i> , 2017, 79, 1461-1471.              | 16.4 | 110       |
| 8  | Sustainable site selection for photovoltaic power plant: An integrated approach based on prospect theory. <i>Energy Conversion and Management</i> , 2018, 174, 755-768.                                | 9.2  | 99        |
| 9  | Requirement management for product-service systems: Status review and future trends. <i>Computers in Industry</i> , 2017, 85, 11-22.   | 9.9  | 96        |
| 10 | An integrated rough number-based approach to design concept evaluation under subjective environments. <i>Journal of Engineering Design</i> , 2013, 24, 320-341.  | 2.3  | 85        |
| 11 | A rough set approach for evaluating vague customer requirement of industrial product-service system. <i>International Journal of Production Research</i> , 2013, 51, 6681-6701.                        | 7.5  | 84        |
| 12 | A rough DEMATEL-based approach for evaluating interaction between requirements of product-service system. <i>Computers and Industrial Engineering</i> , 2017, 110, 353-363.                            | 6.3  | 83        |
| 13 | A framework integrating interval-valued hesitant fuzzy DEMATEL method to capture and evaluate co-creative value propositions for smart PSS. <i>Journal of Cleaner Production</i> , 2019, 215, 611-625. | 9.3  | 76        |
| 14 | Analyzing barriers for adopting sustainable online consumption: A rough hierarchical DEMATEL method. <i>Computers and Industrial Engineering</i> , 2020, 140, 106279.                                  | 6.3  | 68        |
| 15 | Modified failure mode and effects analysis under uncertainty: A rough cloud theory-based approach. <i>Applied Soft Computing Journal</i> , 2019, 78, 195-208.  | 7.2  | 67        |
| 16 | Prioritising technical attributes in QFD under vague environment: a rough-grey relational analysis approach. <i>International Journal of Production Research</i> , 2014, 52, 5528-5545.                | 7.5  | 65        |
| 17 | A perspective on value co-creation-oriented framework for smart product-service system. <i>Procedia CIRP</i> , 2018, 73, 155-160.  | 1.9  | 62        |
| 18 | Risk evaluation of customer integration in new product development under uncertainty. <i>Computers and Industrial Engineering</i> , 2013, 65, 402-412.   | 6.3  | 54        |

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|----|---|------|-----------|
| 19 | A novel Kano-QFD-DEMATEL approach to optimise the risk resilience solution for sustainable supply chain. <i>International Journal of Production Research</i> , 2021, 59, 1714-1735. | 7.5  | 54        |
| 20 | An environmentally conscious PSS recommendation method based on users' vague ratings: A rough multi-criteria approach. <i>Journal of Cleaner Production</i> , 2018, 172, 1592-1606. | 9.3  | 51        |
| 21 | Modularizing product extension services: An approach based on modified service blueprint and fuzzy graph. <i>Computers and Industrial Engineering</i> , 2015, 85, 186-195.          | 6.3  | 50        |
| 22 | Design concept evaluation of smart product-service systems considering sustainability: An integrated method. <i>Computers and Industrial Engineering</i> , 2021, 159, 107485.       | 6.3  | 45        |
| 23 | Service conflict identification and resolution for design of product-service offerings. <i>Computers and Industrial Engineering</i> , 2016, 98, 91-101.                             | 6.3  | 39        |
| 24 | Sustainable shelter-site selection under uncertainty: A rough QUALIFLEX method. <i>Computers and Industrial Engineering</i> , 2019, 128, 371-386.                                   | 6.3  | 38        |
| 25 | An integrative framework for innovation management of product-service system. <i>International Journal of Production Research</i> , 2015, 53, 2252-2268.                            | 7.5  | 37        |
| 26 | How sustainable is smart PSS? An integrated evaluation approach based on rough BWM and TODIM. <i>Advanced Engineering Informatics</i> , 2020, 43, 101042.                           | 8.0  | 37        |
| 27 | Sustainability evaluation via variable precision rough set approach: A photovoltaic module supplier case study. <i>Journal of Cleaner Production</i> , 2018, 192, 751-765.          | 9.3  | 36        |
| 28 | Human factors risk assessment: An integrated method for improving safety in clinical use of medical devices. <i>Applied Soft Computing Journal</i> , 2020, 86, 105918.              | 7.2  | 36        |
| 29 | A Rough Multi-Criteria Decision-Making Approach for Sustainable Supplier Selection under Vague Environment. <i>Sustainability</i> , 2018, 10, 2622.                                 | 3.2  | 34        |
| 30 | Technical attribute prioritisation in QFD based on cloud model and grey relational analysis. <i>International Journal of Production Research</i> , 2020, 58, 5751-5768.             | 7.5  | 33        |
| 31 | Multi-objective configuration optimization for product-extension service. <i>Journal of Manufacturing Systems</i> , 2015, 37, 113-125.  | 13.9 | 32        |
| 32 | Failure Mode and Effects Analysis Using Variable Precision Rough Set Theory and TODIM Method. <i>IEEE Transactions on Reliability</i> , 2019, 68, 1242-1256.                        | 4.6  | 29        |
| 33 | Analyzing the interrelationships among barriers to green procurement in photovoltaic industry: An integrated method. <i>Journal of Cleaner Production</i> , 2020, 249, 119408.      | 9.3  | 28        |
| 34 | A hypergraph-based approach for context-aware smart product-service system configuration. <i>Computers and Industrial Engineering</i> , 2022, 163, 107816.                          | 6.3  | 26        |
| 35 | Cross-trained workers scheduling for field service using improved NSGA-II. <i>International Journal of Production Research</i> , 2015, 53, 1255-1272.                               | 7.5  | 25        |
| 36 | Digitalization as a way forward: A bibliometric analysis of 20 Years of servitization research. <i>Journal of Cleaner Production</i> , 2021, 300, 126943.                           | 9.3  | 25        |

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|----|--|-----|-----------|
| 37 | A new approach for risk assessment of failure modes considering risk interaction and propagation effects. <i>Reliability Engineering and System Safety</i> , 2021, 216, 108044.  | 8.9 | 23        |
| 38 | Risk assessment of co-creating value with customers: A rough group analytic network process approach. <i>Expert Systems With Applications</i> , 2016, 55, 145-156.   | 7.6 | 22        |
| 39 | Failure mode and effects analysis: an integrated approach based on rough set theory and prospect theory. <i>Soft Computing</i> , 2020, 24, 6673-6685.  | 3.6 | 22        |
| 40 | Carbon market maturity analysis with an integrated multi-criteria decision making method: A case study of EU and China. <i>Journal of Cleaner Production</i> , 2019, 241, 118296.  | 9.3 | 21        |
| 41 | Sustainability risk assessment of blockchain adoption in sustainable supply chain: An integrated method. <i>Computers and Industrial Engineering</i> , 2022, 171, 108378.  | 6.3 | 19        |
| 42 | A New Method for Quality Function Deployment Based on Rough Cloud Model Theory. <i>IEEE Transactions on Engineering Management</i> , 2022, 69, 2842-2856.  | 3.5 | 16        |
| 43 | Towards an integrative framework of innovation network for new product development project. <i>Production Planning and Control</i> , 2016, 27, 967-978.  | 8.8 | 15        |
| 44 | A Pythagorean fuzzy ANP-QFD-Grey relational analysis approach to prioritize design requirements of sustainable supply chain. <i>Journal of Intelligent and Fuzzy Systems</i> , 2022, 42, 3893-3907.  | 1.4 | 14        |
| 45 | Manufacturing services collaboration: connotation, framework, key technologies, and research issues. <i>International Journal of Advanced Manufacturing Technology</i> , 2020, 110, 2573-2589.   | 3.0 | 12        |
| 46 | Nuclear Product Design Knowledge System Based on FMEA Method in New Product Development. <i>Arabian Journal for Science and Engineering</i> , 2014, 39, 2191-2203.   | 1.1 | 9         |
| 47 | Product lifecycle-oriented knowledge services: Status review, framework, and technology trends. <i>Concurrent Engineering Research and Applications</i> , 2017, 25, 81-92.   | 3.2 | 8         |
| 48 | A fuzzy technique for order preference by similarity to an ideal solution-based quality function deployment for prioritizing technical attributes of new products. <i>Proceedings of the Institution of Mechanical Engineers, Part B: Journal of Engineering Manufacture</i> , 2016, 230, 2249-2263. | 2.4 | 7         |
| 49 | Modeling Enablers of Environmentally Conscious Manufacturing Strategy: An Integrated Method. <i>Sustainability</i> , 2018, 10, 2284.   | 3.2 | 6         |
| 50 | A new rough cloud AHP method for risk evaluation of public-private partnership projects. <i>Soft Computing</i> , 2022, 26, 2045-2062.  | 3.6 | 6         |
| 51 | Collaborative Project Management: A Systemic Approach to Heavy Equipment Manufacturing Project Management. <i>Systemic Practice and Action Research</i> , 2014, 27, 141-164.   | 1.7 | 5         |
| 52 | Module-based similarity measurement for commercial aircraft tooling design. <i>International Journal of Production Research</i> , 2015, 53, 5382-5397.   | 7.5 | 5         |
| 53 | A Rough VIKOR-Based QFD for Prioritizing Design Attributes of Product-Related Service. <i>Mathematical Problems in Engineering</i> , 2016, 2016, 1-11.   | 1.1 | 5         |
| 54 | Identifying critical factors in systems with interrelated components: A method considering heterogeneous influence and strength attenuation. <i>European Journal of Operational Research</i> , 2022, 303, 456-470.   | 5.7 | 5         |

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|----|--|-----|-----------|
| 55 | A Fuzzy Decision Support Approach for Modularization Scheme Selection of Product-Service Offerings. IEEE Access, 2019, 7, 112191-112199.   | 4.2 | 4         |
| 56 | Blockchain Technology-Enabled Smart Product-Service System Lifecycle Management: A Conceptual Framework. , 2020, , .   |     | 3         |
| 57 | Risk evaluation of information technology outsourcing project: An integrated approach considering risk interactions and hierarchies. Engineering Applications of Artificial Intelligence, 2022, 113, 104938. | 8.1 | 1         |
| 58 | Design Framework for Customizable Product-Service System. , 2019, , 1-22.  |     | 0         |
| 59 | Modularization of PSS. , 2019, , 111-131.  |     | 0         |
| 60 | Rough Set-Based Multi-Criteria Decision Analysis Methods in Sustainability Assessment of Photovoltaic Projects. Green Energy and Technology, 2021, , 219-238.  | 0.6 | 0         |
| 61 | Requirements Analysis for Customizable PSS. , 2019, , 23-74.   |     | 0         |
| 62 | Requirements Specification for Customizable PSS. , 2019, , 75-110.   |     | 0         |
| 63 | Personalized Recommendation of Customizable PSS to Customers. , 2019, , 177-202.   |     | 0         |