

# GÃ¶kan May

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7005796/publications.pdf>

Version: 2024-02-01

29  
papers

1,232  
citations

758635

12  
h-index

476904

29  
g-index

34  
all docs

34  
docs citations

34  
times ranked

1122  
citing authors

#	ARTICLE	IF	CITATIONS
1	A Semantic Model in the Context of Maintenance: A Predictive Maintenance Case Study. Applied Sciences (Switzerland), 2022, 12, 6065.	1.3	6
2	Toward a reference terminology for product-service systems in the manufacturing domain. Computers in Industry, 2022, 142, 103729.	5.7	2
3	Predictive maintenance key control parameters for achieving efficient Zero Defect Manufacturing. Procedia CIRP, 2021, 104, 80-84.	1.0	10
4	Zero defect manufacturing: state-of-the-art review, shortcomings and future directions in research. International Journal of Production Research, 2020, 58, 1-17.	4.9	256
5	Product Quality Improvement Policies in Industry 4.0: Characteristics, Enabling Factors, Barriers, and Evolution Toward Zero Defect Manufacturing. Frontiers in Computer Science, 2020, 2, .	1.7	67
6	Ontology for Strategies and Predictive Maintenance models. IFAC-PapersOnLine, 2020, 53, 257-264.	0.5	5
7	A Predictive Maintenance Approach Toward Industry 4.0 Machines. Lecture Notes in Mechanical Engineering, 2020, , 646-652.	0.3	4
8	A Semantic-driven Approach for Industry 4.0. , 2019, , .		14
9	Special Issue on Smart Sustainable Manufacturing Systems. Applied Sciences (Switzerland), 2019, 9, 2264.	1.3	1
10	Zero Defect Manufacturing Strategies and Platform for Smart Factories of Industry 4.0. Lecture Notes in Mechanical Engineering, 2019, , 142-152.	0.3	14
11	Predictive Maintenance Platform Based on Integrated Strategies for Increased Operating Life of Factories. IFIP Advances in Information and Communication Technology, 2018, , 279-287.	0.5	1
12	A Hybrid Machine Learning Approach for Predictive Maintenance in Smart Factories of the Future. IFIP Advances in Information and Communication Technology, 2018, , 311-317.	0.5	21
13	The Significance of Corporate Social Disclosure for High-Tech Manufacturing Companies: Focus on Employee and Community Aspects of Sustainable Development. Corporate Social Responsibility and Environmental Management, 2017, 24, 295-311.	5.0	20
14	Business Model for Energy Efficiency in Manufacturing. Procedia CIRP, 2017, 61, 410-415.	1.0	12
15	Energy management in manufacturing: From literature review to a conceptual framework. Journal of Cleaner Production, 2017, 167, 1464-1489.	4.6	178
16	The significance of organizational change management for sustainable competitiveness in manufacturing: exploring the firm archetypes. International Journal of Production Research, 2017, 55, 4450-4465.	4.9	24
17	Energy management in manufacturing: Toward eco-factories of the future – A focus group study. Applied Energy, 2016, 164, 628-638.	5.1	89
18	A New Human-centric Factory Model. Procedia CIRP, 2015, 26, 103-108.	1.0	40

#	ARTICLE	IF	CITATIONS
19	Multi-objective genetic algorithm for energy-efficient job shop scheduling. International Journal of Production Research, 2015, 53, 7071-7089.	4.9	170
20	Sustainability in Manufacturing Strategy Deployment. Procedia CIRP, 2015, 26, 635-640.	1.0	5
21	Energy management in production: A novel method to develop key performance indicators for improving energy efficiency. Applied Energy, 2015, 149, 46-61.	5.1	194
22	Assessing a proposal for an energy-based Overall Equipment Effectiveness indicator through Discrete Event Simulation. , 2014, , .		5
23	Toward Human-Centric Factories: Requirements and Design Aspects of a Worker-Centric Job Allocator. Lecture Notes in Computer Science, 2014, , 417-424.	1.0	4
24	Anthropocentric Workplaces of the Future Approached through a New Holistic Vision. Lecture Notes in Computer Science, 2014, , 398-405.	1.0	5
25	Enhanced energy management in manufacturing through systems integration. , 2013, , .		8
26	Approach on Analysis of Heterogeneous Requirements in Software Engineering. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2013, 46, 372-377.	0.4	3
27	Sustainability Assessment Tools “ State of Research and Gap Analysis. IFIP Advances in Information and Communication Technology, 2013, , 426-434.	0.5	5
28	Energy Related Key Performance Indicators “ State of the Art, Gaps and Industrial Needs. IFIP Advances in Information and Communication Technology, 2013, , 257-267.	0.5	13
29	Assessment of Sustainable Practices in New Product Development. International Federation for Information Processing, 2012, , 437-447.	0.4	6