

Bernard Grabot

List of Publications by Year in descending order

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Version: 2024-02-01

33
papers

1,038
citations

471509

17
h-index

434195

31
g-index

34
all docs

34
docs citations

34
times ranked

1030
citing authors

#	ARTICLE	IF	CITATIONS
1	Machine learning applied in production planning and control: a state-of-the-art in the era of industry 4.0. <i>Journal of Intelligent Manufacturing</i> , 2020, 31, 1531-1558.	7.3	174
2	Current trends on ICT technologies for enterprise information systems. <i>Computers in Industry</i> , 2016, 79, 14-33.	9.9	118
3	Towards multi-model approaches to predictive maintenance: A systematic literature survey on diagnostics and prognostics. <i>Journal of Manufacturing Systems</i> , 2020, 56, 539-557.	13.9	111
4	Generating knowledge in maintenance from Experience Feedback. <i>Knowledge-Based Systems</i> , 2014, 68, 4-20.	7.1	87
5	Assessing the compliance of a product with an eco-label: From standards to constraints. <i>International Journal of Production Economics</i> , 2009, 121, 21-38.	8.9	57
6	Formalisation and use of competencies for industrial performance optimisation: A survey. <i>Computers in Industry</i> , 2007, 58, 98-117.	9.9	56
7	Short-term manpower management in manufacturing systems: new requirements and DSS prototyping. <i>Computers in Industry</i> , 2000, 43, 11-29.	9.9	53
8	A fuzzy multi-criteria decision-making approach for managing performance and risk in integrated procurementâ€“production planning. <i>International Journal of Production Research</i> , 2017, 55, 5305-5329.	7.5	46
9	Integration of uncertain and imprecise orders in the MRP method. <i>Journal of Intelligent Manufacturing</i> , 2005, 16, 215-234.	7.3	38
10	A typology of the situations of cooperation in supply chains. <i>Computers and Industrial Engineering</i> , 2014, 67, 56-71.	6.3	28
11	Using deep learning to value free-form text data for predictive maintenance. <i>International Journal of Production Research</i> , 2022, 60, 4548-4575.	7.5	27
12	A decision support system for production activity control. <i>Decision Support Systems</i> , 1996, 16, 87-101.	5.9	24
13	Cooperation models for supply chain management. <i>International Journal of Logistics Systems and Management</i> , 2009, 5, 123.	0.2	22
14	Decision support for supply chain planning under uncertainty. <i>International Journal of Systems Science</i> , 2008, 39, 667-675.	5.5	21
15	Knowledge Modeling for Eco-design. <i>Concurrent Engineering Research and Applications</i> , 2007, 15, 7-20.	3.2	19
16	Machine Learning in Production Planning and Control: A Review of Empirical Literature. <i>IFAC-PapersOnLine</i> , 2019, 52, 385-390.	0.9	19
17	Robust competence assessment for job assignment. <i>European Journal of Operational Research</i> , 2014, 238, 630-644.	5.7	17
18	Location of global logistic hubs within Africa based on a fuzzy multi-criteria approach. <i>Computers and Industrial Engineering</i> , 2019, 132, 1-22.	6.3	17

#	ARTICLE	IF	CITATIONS
19	ERP 2.0, what for and how?. Computers in Industry, 2014, 65, 976-1000.	9.9	16
20	Valuing free-form text data from maintenance logs through transfer learning with CamemBERT. Enterprise Information Systems, 2022, 16, .	4.7	16
21	Rule mining in maintenance: Analysing large knowledge bases. Computers and Industrial Engineering, 2020, 139, 105501.	6.3	13
22	An ontology model for maintenance strategy selection and assessment. Journal of Intelligent Manufacturing, 2023, 34, 1369-1387.	7.3	11
23	Beyond Productivity and Continuous Improvement: Fundamentals required for Lean Complex transformation Unpublished. IFAC-PapersOnLine, 2016, 49, 467-472.	0.9	8
24	Location of logistics hubs at national and subnational level with consideration of the structure of the location choice. IFAC-PapersOnLine, 2016, 49, 155-160.	0.9	7
25	Estimation of Production Inhibition Time Using Data Mining to Improve Production Planning and Control. , 2019, , .		4
26	Exploring the Influence of Focal Loss on Transformer Models for Imbalanced Maintenance Data in Industry 4.0. IFAC-PapersOnLine, 2021, 54, 1023-1028.	0.9	4
27	Operational Competence Management Comparison of Industrial Frameworks. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2009, 42, 1643-1648.	0.4	3
28	Adoption mechanisms of a supplier portal: A case study in the European aerospace industry. Computers and Industrial Engineering, 2019, 137, 106105.	6.3	3
29	Enhancing predictive maintenance architecture process by using ontology-enabled Case-Based Reasoning. , 2021, , .		3
30	Understanding Data-Related Concepts in Smart Manufacturing and Supply Chain Through Text Mining. Studies in Computational Intelligence, 2021, , 508-519.	0.9	2
31	Enterprise Web Portals for Supply Chain Coordination: A Case Study. IFIP Advances in Information and Communication Technology, 2015, , 93-100.	0.7	2
32	Artificial Data Generation with Language Models for Imbalanced Classification in Maintenance. Studies in Computational Intelligence, 2021, , 57-68.	0.9	1
33	Secured and Efficient Information Exchanges in Collaborative Networks: The Singular Information System. IFIP Advances in Information and Communication Technology, 2015, , 456-463.	0.7	0