

# Milton Borsato

## List of Publications by Year in descending order

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Version: 2024-02-01

38  
papers

460  
citations

759233

12  
h-index

752698

20  
g-index

40  
all docs

40  
docs citations

40  
times ranked

548  
citing authors

#	ARTICLE	IF	CITATIONS
1	A Method to Support Design for Serviceability in the Early Stages of New Product Development. International Journal of Computer Integrated Manufacturing, 2021, 34, 41-56.	4.6	3
2	Assessing the eco-effectiveness of a solid waste management plan using agent-based modelling. Waste Management, 2021, 125, 235-248.	7.4	14
3	Data management within new product development and collaborative engineering: a bibliometric and systemic analysis. VINE Journal of Information and Knowledge Management Systems, 2021, ahead-of-print, .	2.0	0
4	Digitalization and Big data in smart farming “ a review. Journal of Management Analytics, 2021, 8, 333-349.	2.5	21
5	Guidelines to ensure the quality of product manufacturing information. Journal of Industrial and Production Engineering, 2021, 38, 108-121.	3.1	2
6	Extending the RIPEX exergy-based method for selecting End of Life strategy. Resources, Conservation and Recycling, 2020, 152, 104536.	10.8	6
7	A product-service-system proposal for municipalities in developing countries with tight budget to convert the organic waste in energy to eliminate dumps. Waste Management, 2020, 106, 99-109.	7.4	7
8	Blockchain Application in Manufacturing Industry “ Bibliometric and Systemic Analysis. Advances in Transdisciplinary Engineering, 2020, , .	0.1	0
9	Method for digital evaluation of existing production systems adequacy to changes in product engineering in the context of the automotive industry. Advanced Engineering Informatics, 2019, 42, 100942.	8.0	9
10	Requirements Engineering in the New Product Development Process: A Structured Literature Review. Journal of Industrial Integration and Management, 2019, 04, 1950002.	4.8	3
11	Exploring ecosystem network analysis to balance resilience and performance in sustainable supply chain design. International Journal of Advanced Operations Management, 2019, 11, 26.	0.3	14
12	Product development cost estimation through ontological models “ a literature review. Journal of Management Analytics, 2019, 6, 209-229.	2.5	5
13	Towards Regenerative Supply Networks: A design framework proposal. Journal of Cleaner Production, 2019, 221, 145-156.	9.3	15
14	Developing knowledge on Digital Manufacturing to Digital Twin: a bibliometric and systemic analysis. Procedia Manufacturing, 2019, 38, 1174-1180.	1.9	13
15	Development of a model for the dynamic formation of supplier networks. Journal of Industrial Information Integration, 2019, 15, 161-173.	6.4	10
16	Assessing the efficiency of End of Life technology in waste treatment“A bibliometric literature review. Resources, Conservation and Recycling, 2019, 140, 189-208.	10.8	32
17	Product Development, Digital Manufacturing, and Product Manufacturing Information: A Bibliometric and Systemic Analysis. Procedia Manufacturing, 2018, 17, 190-197.	1.9	3
18	Risk management analysis in the product development process. Procedia Manufacturing, 2018, 17, 507-514.	1.9	4

#	ARTICLE	IF	CITATIONS
19	Bibliometric and Systemic Analysis on Material Flow Mapping and Industrial Ecosystems. Journal of Industrial Integration and Management, 2018, 03, 1850001.	4.8	6
20	OntoProg: An ontology-based model for implementing Prognostics Health Management in mechanical machines. Advanced Engineering Informatics, 2018, 38, 746-759.	8.0	62
21	An ontology-based model for prognostics and health management of machines. Journal of Industrial Information Integration, 2017, 6, 33-46.	6.4	36
22	Organizational Performance and Indicators: Trends and Opportunities. Procedia Manufacturing, 2017, 11, 1925-1932.	1.9	13
23	Application of exergy-based approach for implementing design for reuse: The case of microwave oven. Journal of Cleaner Production, 2017, 168, 876-892.	9.3	24
24	A Critical Review of Design for Reliability - A Bibliometric Analysis and Identification of Research Opportunities. Procedia Manufacturing, 2017, 11, 1421-1428.	1.9	7
25	An energy efficiency focused semantic information model for manufactured assemblies. Journal of Cleaner Production, 2017, 140, 1626-1643.	9.3	14
26	Exergetic analysis as an agile approach to recycling processes: a literature review. International Journal of Agile Systems and Management, 2017, 10, 137.	0.3	5
27	Sustainable design and its interfaces: an overview. International Journal of Agile Systems and Management, 2016, 9, 183.	0.3	3
28	Combining Stage-Gate®, model using Set-Based concurrent engineering and sustainable end-of-life principles in a product development assessment tool. Journal of Cleaner Production, 2016, 112, 3222-3231.	9.3	20
29	Collaborative Engineering. , 2015, , 165-196.		20
30	Modularity Adoption in Product Development: A Case Study in the Brazilian Agricultural Machinery Industry. SAE International Journal of Materials and Manufacturing, 2014, 7, 122-128.	0.3	2
31	Integrating Product-Service System Tools into New Product Development Processes. Journal of Integrated Design and Process Science, 2014, 18, 3-18.	0.5	6
32	Bridging the gap between product lifecycle management and sustainability in manufacturing through ontology building. Computers in Industry, 2014, 65, 258-269.	9.9	61
33	Modularity Adoption in Product Development: A Case Study in the Brazilian Agricultural Machinery Industry. , 2013, , 609-620.		1
34	Enhancing Traditional Integrated Product Development Processes with PSS Practices for Sustainability. , 2012, , 357-362.		0
35	Cooperation of suppliers and clients with companies in the agricultural machinery industry: some evidence from Brazil. International Journal of Technological Learning, Innovation and Development, 2010, 3, 330.	0.1	3
36	An ontology building approach for knowledge sharing in product lifecycle management. International Journal of Business and Systems Research, 2010, 4, 278.	0.3	15

#	ARTICLE	IF	CITATIONS
37	Specification and implementation of a support platform for the accelerated development of technological products applying concurrent engineering. , 0, , .		0
38	A Study on the Application of Business Plans in New Product Development Processes. , 0, , 203-210.		0