

# 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	OntoProg: An ontology-based model for implementing Prognostics Health Management in mechanical machines. Advanced Engineering Informatics, 2018, 38, 746-759.	8.0	62
2	Bridging the gap between product lifecycle management and sustainability in manufacturing through ontology building. Computers in Industry, 2014, 65, 258-269.	9.9	61
3	An ontology-based model for prognostics and health management of machines. Journal of Industrial Information Integration, 2017, 6, 33-46.	6.4	36
4	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
5	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
6	Digitalization and Big data in smart farming – a review. Journal of Management Analytics, 2021, 8, 333-349.	2.5	21
7	Combining Stage-Gate, S-C 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
8	Collaborative Engineering. , 2015, , 165-196.		20
9	An ontology building approach for knowledge sharing in product lifecycle management. International Journal of Business and Systems Research, 2010, 4, 278.	0.3	15
10	Towards Regenerative Supply Networks: A design framework proposal. Journal of Cleaner Production, 2019, 221, 145-156.	9.3	15
11	An energy efficiency focused semantic information model for manufactured assemblies. Journal of Cleaner Production, 2017, 140, 1626-1643.	9.3	14
12	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
13	Assessing the eco-effectiveness of a solid waste management plan using agent-based modelling. Waste Management, 2021, 125, 235-248.	7.4	14
14	Organizational Performance and Indicators: Trends and Opportunities. Procedia Manufacturing, 2017, 11, 1925-1932.	1.9	13
15	Developing knowledge on Digital Manufacturing to Digital Twin: a bibliometric and systemic analysis. Procedia Manufacturing, 2019, 38, 1174-1180.	1.9	13
16	Development of a model for the dynamic formation of supplier networks. Journal of Industrial Information Integration, 2019, 15, 161-173.	6.4	10
17	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
18	A Critical Review of Design for Reliability - A Bibliometric Analysis and Identification of Research Opportunities. Procedia Manufacturing, 2017, 11, 1421-1428.	1.9	7

#	ARTICLE	IF	CITATIONS
19	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
20	Integrating Product-Service System Tools into New Product Development Processes. Journal of Integrated Design and Process Science, 2014, 18, 3-18.	0.5	6
21	Bibliometric and Systemic Analysis on Material Flow Mapping and Industrial Ecosystems. Journal of Industrial Integration and Management, 2018, 03, 1850001.	4.8	6
22	Extending the RIPEX exergy-based method for selecting End of Life strategy. Resources, Conservation and Recycling, 2020, 152, 104536.	10.8	6
23	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
24	Product development cost estimation through ontological models – a literature review. Journal of Management Analytics, 2019, 6, 209-229.	2.5	5
25	Risk management analysis in the product development process. Procedia Manufacturing, 2018, 17, 507-514.	1.9	4
26	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
27	Sustainable design and its interfaces: an overview. International Journal of Agile Systems and Management, 2016, 9, 183.	0.3	3
28	Product Development, Digital Manufacturing, and Product Manufacturing Information: A Bibliometric and Systemic Analysis. Procedia Manufacturing, 2018, 17, 190-197.	1.9	3
29	Requirements Engineering in the New Product Development Process: A Structured Literature Review. Journal of Industrial Integration and Management, 2019, 04, 1950002.	4.8	3
30	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
31	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
32	Guidelines to ensure the quality of product manufacturing information. Journal of Industrial and Production Engineering, 2021, 38, 108-121.	3.1	2
33	Modularity Adoption in Product Development: A Case Study in the Brazilian Agricultural Machinery Industry. , 2013, , 609-620.		1
34	Specification and implementation of a support platform for the accelerated development of technological products applying concurrent engineering. , 0, , .		0
35	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
36	Enhancing Traditional Integrated Product Development Processes with PSS Practices for Sustainability. , 2012, , 357-362.		0

#	ARTICLE	IF	CITATIONS
37	Blockchain Application in Manufacturing Industry “ Bibliometric and Systemic Analysis. Advances in Transdisciplinary Engineering, 2020, , .	0.1	0
38	A Study on the Application of Business Plans in New Product Development Processes. , 0, , 203-210.		0