

# Milton Borsato

## List of Publications by Year in descending order

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Version: 2024-02-01

38  
papers

460  
citations

758635

12  
h-index

752256

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. <i>Advanced Engineering Informatics</i> , 2018, 38, 746-759.	4.0	62
2	Bridging the gap between product lifecycle management and sustainability in manufacturing through ontology building. <i>Computers in Industry</i> , 2014, 65, 258-269.	5.7	61
3	An ontology-based model for prognostics and health management of machines. <i>Journal of Industrial Information Integration</i> , 2017, 6, 33-46.	4.3	36
4	Assessing the efficiency of End of Life technology in waste treatment – A bibliometric literature review. <i>Resources, Conservation and Recycling</i> , 2019, 140, 189-208.	5.3	32
5	Application of exergy-based approach for implementing design for reuse: The case of microwave oven. <i>Journal of Cleaner Production</i> , 2017, 168, 876-892.	4.6	24
6	Digitalization and Big data in smart farming – a review. <i>Journal of Management Analytics</i> , 2021, 8, 333-349.	1.6	21
7	Combining Stage-Gate, ¢ model using Set-Based concurrent engineering and sustainable end-of-life principles in a product development assessment tool. <i>Journal of Cleaner Production</i> , 2016, 112, 3222-3231.	4.6	20
8	Collaborative Engineering. , 2015, , 165-196.		20
9	An ontology building approach for knowledge sharing in product lifecycle management. <i>International Journal of Business and Systems Research</i> , 2010, 4, 278.	0.2	15
10	Towards Regenerative Supply Networks: A design framework proposal. <i>Journal of Cleaner Production</i> , 2019, 221, 145-156.	4.6	15
11	An energy efficiency focused semantic information model for manufactured assemblies. <i>Journal of Cleaner Production</i> , 2017, 140, 1626-1643.	4.6	14
12	Exploring ecosystem network analysis to balance resilience and performance in sustainable supply chain design. <i>International Journal of Advanced Operations Management</i> , 2019, 11, 26.	0.3	14
13	Assessing the eco-effectiveness of a solid waste management plan using agent-based modelling. <i>Waste Management</i> , 2021, 125, 235-248.	3.7	14
14	Organizational Performance and Indicators: Trends and Opportunities. <i>Procedia Manufacturing</i> , 2017, 11, 1925-1932.	1.9	13
15	Developing knowledge on Digital Manufacturing to Digital Twin: a bibliometric and systemic analysis. <i>Procedia Manufacturing</i> , 2019, 38, 1174-1180.	1.9	13
16	Development of a model for the dynamic formation of supplier networks. <i>Journal of Industrial Information Integration</i> , 2019, 15, 161-173.	4.3	10
17	Method for digital evaluation of existing production systems adequacy to changes in product engineering in the context of the automotive industry. <i>Advanced Engineering Informatics</i> , 2019, 42, 100942.	4.0	9
18	A Critical Review of Design for Reliability - A Bibliometric Analysis and Identification of Research Opportunities. <i>Procedia Manufacturing</i> , 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. <i>Waste Management</i> , 2020, 106, 99-109.	3.7	7
20	Integrating Product-Service System Tools into New Product Development Processes. <i>Journal of Integrated Design and Process Science</i> , 2014, 18, 3-18.	0.2	6
21	Bibliometric and Systemic Analysis on Material Flow Mapping and Industrial Ecosystems. <i>Journal of Industrial Integration and Management</i> , 2018, 03, 1850001.	3.1	6
22	Extending the RIPEX exergy-based method for selecting End of Life strategy. <i>Resources, Conservation and Recycling</i> , 2020, 152, 104536.	5.3	6
23	Exergetic analysis as an agile approach to recycling processes: a literature review. <i>International Journal of Agile Systems and Management</i> , 2017, 10, 137.	0.6	5
24	Product development cost estimation through ontological models – a literature review. <i>Journal of Management Analytics</i> , 2019, 6, 209-229.	1.6	5
25	Risk management analysis in the product development process. <i>Procedia Manufacturing</i> , 2018, 17, 507-514.	1.9	4
26	Cooperation of suppliers and clients with companies in the agricultural machinery industry: some evidence from Brazil. <i>International Journal of Technological Learning, Innovation and Development</i> , 2010, 3, 330.	0.1	3
27	Sustainable design and its interfaces: an overview. <i>International Journal of Agile Systems and Management</i> , 2016, 9, 183.	0.6	3
28	Product Development, Digital Manufacturing, and Product Manufacturing Information: A Bibliometric and Systemic Analysis. <i>Procedia Manufacturing</i> , 2018, 17, 190-197.	1.9	3
29	Requirements Engineering in the New Product Development Process: A Structured Literature Review. <i>Journal of Industrial Integration and Management</i> , 2019, 04, 1950002.	3.1	3
30	A Method to Support Design for Serviceability in the Early Stages of New Product Development. <i>International Journal of Computer Integrated Manufacturing</i> , 2021, 34, 41-56.	2.9	3
31	Modularity Adoption in Product Development: A Case Study in the Brazilian Agricultural Machinery Industry. <i>SAE International Journal of Materials and Manufacturing</i> , 2014, 7, 122-128.	0.3	2
32	Guidelines to ensure the quality of product manufacturing information. <i>Journal of Industrial and Production Engineering</i> , 2021, 38, 108-121.	2.1	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. <i>VINE Journal of Information and Knowledge Management Systems</i> , 2021, ahead-of-print, .	1.2	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 â€™ 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