JoÃ£o Barata

List of Publications by Year
in descending order

28 papers	**276** citations	1307594 **7** h-index	996975 **15** g-index
32 all docs	**32** docs citations	**32** times ranked	**220** citing authors

#	Article	IF	Citations
1	Digital transformation of legionella-safe cooling towers: an ecosystem design approach. Journal of Facilities Management, 2022, 20, 485-500.	1.8	1
2	COVID-19 Symptoms app analysis to foresee healthcare impacts: Evidence from Northern Ireland. Applied Soft Computing Journal, 2022, 116, 108324.	7.2	4
3	Tracking the Wings of Covid-19 by Modeling Adaptability with Open Mobility Data. Applied Artificial Intelligence, 2021, 35, 41-62.	3.2	7
4	Augmented product information: crafting physical-digital transparency strategies in the materials supply chain. International Journal of Advanced Manufacturing Technology, 2021, 112, 2109-2121.	3.0	6
5	A Framework for Continuous Assessment of IT Value in Industry 4.0. Lecture Notes in Information Systems and Organisation, 2021, , 25-36.	0.6	0
6	The fourth industrial revolution of supply chains: A tertiary study. Journal of Engineering and Technology Management - JET-M, 2021, 60, 101624.	2.7	27
7	Artificial Intelligence in Extended Agri-Food Supply Chain: A Short Review Based on Bibliometric Analysis. Procedia Computer Science, 2021, 192, 3020-3029.	2.0	30
8	Piloting Industry 4.0 in SMEs with RAMI 4.0: an enterprise architecture approach. Procedia Computer Science, 2021, 192, 2826-2835.	2.0	8
9	Principles for Engineering Social Interaction in Asynchronous Mobile Games. International Journal of Gaming and Computer-Mediated Simulations, 2021, 13, 1-16.	1.1	0
10	Digital transformation of the mobile connected pharmacy: a first step toward community pharmacy 5.0. Informatics for Health and Social Care, 2021, , 1-14.	2.6	0
11	Product Biography Information System: A Lifecycle Approach to Digital Twins. , 2020, , .		5
12	The Viable Smart Product Model: Designing Products that Undergo Disruptive Transformations. Cybernetics and Systems, 2019, 50, 629-655.	2.5	5
13	Evolving manufacturing mobility in Industry 4.0: the case of process industries. Journal of Manufacturing Technology Management, 2019, 31, 52-71.	6.4	16
14	Safety Is the New Black: The Increasing Role of Wearables in Occupational Health and Safety in Construction. Lecture Notes in Business Information Processing, 2019, , 526-537.	1.0	9
15	In Search for a Viable Smart Product Model. Lecture Notes in Business Information Processing, 2019, , 101-112.	1.0	2
16	Ceramic Industry 4.0. Advances in Logistics, Operations, and Management Science Book Series, 2019, , 278-303.	0.4	2
17	Product Traceability in Ceramic Industry 4.0: A Design Approach and Cloud-Based MES Prototype. Lecture Notes in Information Systems and Organisation, 2018, , 187-204.	0.6	2
18	Mobile supply chain management in the Industry 4.0 era. Journal of Enterprise Information Management, 2018, 31, 173-192.	7.5	89

#	Article	IF	Citations
19	Mending the patchwork of requirements from multiple standards using participative goal modelling: a case in the food industry. Requirements Engineering, 2018, 23, 425-441.	3.1	3
20	Mind the Gap: Assessing Alignment between Hospital Quality and its Information Systems. Information Technology for Development, 2018, 24, 315-332.	4.8	2
21	Synergies between quality management and information systems: a literature review and map for further research. Total Quality Management and Business Excellence, 2017, 28, 282-295.	3.8	18
22	Digital Transformation in the Pharmaceutical Compounds Supply Chain: Design of a Service Ecosystem with E-Labeling. Lecture Notes in Business Information Processing, 2017, , 307-323.	1.0	4
23	Dealing with Risks and Workarounds: A Guiding Framework. Lecture Notes in Business Information Processing, 2015, , 141-155.	1.0	3
24	ISO2: A New Breath for the Joint Development of IS and ISO 9001 Management Systems. , 2014, , 499-510.		4
25	MUVE IT: reduce the friction in business processes. Business Process Management Journal, 2014, 20, 571-597.	4.2	5
26	ICT Management and Compliance. Advances in Business Information Systems and Analytics Book Series, 2014, , 242-264.	0.4	0
27	Modeling the Organizational Regulatory Space: A Joint Design Approach. Lecture Notes in Business Information Processing, 2013, , 206-220.	1.0	2
28	Guidelines for Using Pilot Projects in the Fourth Industrial Revolution. , 0, , .		6