Pedro Mn MalÃ³

List of Publications by Year
in descending order

31 papers	**187** citations	1683354 **5** h-index	1372195 **10** g-index
31 all docs	**31** docs citations	**31** times ranked	**156** citing authors

#	Article	IF	Citations
1	Challenges and Founding Pillars for a Manufacturing Platform to Support Value Networks Operating in a Circular Economy Framework. Applied Sciences (Switzerland), 2022, 12, 2995.	1.3	3
2	JSON Schemas with Semantic Annotations Supporting Data Translation. Applied Sciences (Switzerland), 2021, 11, 11978.	1.3	1
3	Advanced sensor-based maintenance in real-world exemplary cases. Automatika, 2020, 61, 537-553.	1.2	6
4	NOVAAS: A Reference Implementation of Industrie4.0 Asset Administration Shell with best-of-breed practices from IT engineering. , 2019, , .		18
5	Annotation Rules for XML Schemas with Grouped Semantic Annotations. , 2019, , .		4
6	Extended Semantic Annotations for Generating Translators in the Arrowhead Framework. IEEE Transactions on Industrial Informatics, 2018, 14, 2760-2769.	7.2	12
7	Modelling Cyber Physical Social Systems Using Dynamic Time Petri Nets. IFIP Advances in Information and Communication Technology, 2018, , 81-89.	0.5	3
8	Sensors: The Enablers for Proactive Maintenance in the Real World. , 2018, , .		4
9	A pilot for proactive maintenance in industry 4.0. , 2017, , .		28
10	Reconfigurable devices based experimentation supporting teaching introductory digital systems. , 2017, , .		0
11	Interoperability: A Data Conversion Framework to Support Energy Simulation. Proceedings (mdpi), 2017, 1, .	0.2	3
12	Energy Consumption Awareness for Resource-Constrained Devices: Extension to FPGA. Journal of Green Engineering (discontinued), 2016, 6, 1-27.	0.7	5
13	ARMOUR: Large-scale experiments for IoT security & trust. , 2016, , .		4
14	Semantic annotation of data in schemas to support data translations. , 2016, , .		5
15	Energy consumption awareness for resource-constrained devices. , 2016, , .		2
16	A Model-Based Approach for Resource Constrained Devices Energy Test and Simulation. IFIP Advances in Information and Communication Technology, 2015, , 345-354.	0.5	2
17	Communication support for Petri nets based distributed controllers. , 2014, , .		7
18	A platform independent communication support for distributed controller systems modelled by Petri nets. , 2014, , .		0

#	ARTICLE	IF	CITATIONS
19	IoT Testbed Business Model. Advances in Internet of Things, 2014, 04, 37-45.	1.8	21
20	Knowledge base approach for developing a mobile personalized travel companion. , 2013, , .		0
21	Interoperability Repository System for the Internet-of-Things. , 2013, , .		1
22	Self-Organised Middleware Architecture for the Internet-of-Things. , 2013, , .		8
23	Measuring Data Transfer in Heterogeneous IoT Environments. , 2013, , .		1
24	E2ESU — stable foundations for digital business ecosystems. , 2008, , .		1
25	A training curriculum in collaboration for engineering management. , 2008, , .		0
26	Harmonising technologies in conceptual models representation. International Journal of Product Lifecycle Management, 2007, 2, 187.	0.1	32
27	e-Proc a TO BE Scenario for Business Interoperability. , 2007, , 531-540.		0
28	A framework for STEP-based harmonization of conceptual models. , 2006, , .		6
29	Product Data integration in the demand of interoperability in e-Business. , 2006, , .		1
30	AP236-XML: A Framework for Integration and Harmonization of STEP Application Protocols. , 2005, , .		8
31	Web Services: An Interoperability Solution in Extended/Virtual Enterprises. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2004, 37, 617-622.	0.4	1