LuÃs Ferreira

List of Publications by Year
in descending order

38 papers	293 citations	1040056 9 h-index	940533 16 g-index
40 all docs	40 docs citations	40 times ranked	227 citing authors

#	Article	IF	Citations
1	Cyber-Physical Systems using Open Design: an approach towards an Open Science Lab for Manufacturing. Procedia Computer Science, 2022, 196, 381-388.	2.0	7
2	Manufacturing and Management Paradigms, Methods and Tools for Sustainable Industry 4.0-Oriented Manufacturing Systems. Sustainability, 2022, 14, 1574.	3.2	9
3	Security in Microservices Architectures. Procedia Computer Science, 2021, 181, 1225-1236.	2.0	32
4	Machine Learning in Cyber-Physical Systems and Manufacturing Singularity â€“ It Does Not Mean Total Automation, Human is Still in the Centre: Part II â€“ In-CPS and a View from Community on Industry 4.0 Impact on Society. Journal of Machine Engineering, 2021, , 133-153.	1.8	6
5	Enterprise architecture for high flexible and agile company in automotive industry. Procedia Computer Science, 2021, 181, 1077-1082.	2.0	9
6	Analysing Critical Success Factors for Supporting Online Shopping. , 2021, , 473-491.		0
7	Helping to detect legal swimming pools with Deep Learning and Data Visualization. Procedia Computer Science, 2021, 181, 1058-1065.	2.0	2
8	Open Science Laboratory for Manufacturing: an education tool to contribute to sustainability. , 2021, , .		1
9	Big Data in metagenomics: Apache Spark vs MPI. PLoS ONE, 2020, 15, e0239741.	2.5	10
10	â€œPlay and Learnâ€: Exploring CodeCubes. Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering, 2020, , 34-42.	0.3	3
11	Big Data in metagenomics: Apache Spark vs MPI. , 2020, 15, e0239741.		0
12	Big Data in metagenomics: Apache Spark vs MPI. , 2020, 15, e0239741.		0
13	Big Data in metagenomics: Apache Spark vs MPI. , 2020, 15, e0239741.		0
14	Big Data in metagenomics: Apache Spark vs MPI. , 2020, 15, e0239741.		0
15	CodeCubes - Playing with Cubes and Learning to Code. Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering, 2019, , 538-543.	0.3	5
16	Learning Basic Mathematical Functions with Augmented Reality. Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering, 2019, , 508-513.	0.3	4
17	â€˜Portugal Without Firesâ€™, A Data Visualization System to Help Analyze Forest Fire Data in Portugal. Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering, 2019, , 520-525.	0.3	1
18	Agile Project Management: A Communicational Workflow Proposal. Procedia Computer Science, 2019, 164, 485-490.	2.0	17

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19	DECISION SUPPORT VISUALIZATION APPROACH IN TEXTILE MANUFACTURING A CASE STUDY FROM OPERATIONAL CONTROL IN TEXTILE INDUSTRY. International Journal for Quality Research, 2019, 13, 987-1004.	1.0	4
20	Industry 4.0: Models, tools and cyber-physical systems for manufacturing. FME Transactions, 2019, 47, 659-662.	1.4	11
21	What is a Cyber-Physical System: Definitions and models spectrum. FME Transactions, 2019, 47, 663-674.	1.4	39
22	Towards a high performance computing scalable implementation of Cyber Physical Systems. FME Transactions, 2019, 47, 749-756.	1.4	2
23	Collaborative framework for virtual organisation synthesis based on a dynamic multi-criteria decision model. International Journal of Computer Integrated Manufacturing, 2018, 31, 857-868.	4.6	33
24	FHIRbox, a cloud integration system for clinical observations. Procedia Computer Science, 2018, 138, 303-309.	2.0	7
25	Disruptive data visualization towards zero-defects diagnostics. Procedia CIRP, 2018, 67, 374-379.	1.9	7
26	Virtual Enterprise integration management based on a Meta-enterprise â€“ a PMBoK approach. Procedia Computer Science, 2017, 121, 1112-1118.	2.0	6
27	Analysing Critical Success Factors for Supporting Online Shopping. International Journal of Web Portals, 2017, 9, 1-19.	1.1	3
28	A Cloud and Ubiquitous Architecture for Effective Environmental Sensing and Monitoring. Procedia Computer Science, 2015, 64, 1256-1262.	2.0	6
29	GuiMarket Specification Using the Unified Modeling Language. Procedia Computer Science, 2015, 64, 1263-1272.	2.0	1
30	Dashboard Services for Pragmatics-Based Interoperability in Cloud and Ubiquitous Manufacturing. , 2015, , 435-449.		0
31	Dashboard Services for Pragmatics-Based Interoperability in Cloud and Ubiquitous Manufacturing. International Journal of Web Portals, 2014, 6, 35-49.	1.1	6
32	Direct Communication versus Virtual Communication in Virtual Teams. Procedia Technology, 2014, 16, 3-10.	1.1	11
33	Meta-organization and Manufacturing Web 3.0 for Ubiquitous Virtual Enterprise of Manufacturing SMEs: A Framework. Procedia CIRP, 2013, 12, 396-401.	1.9	4
34	Cloudlet Architecture for Dashboard in Cloud and Ubiquitous Manufacturing. Procedia CIRP, 2013, 12, 366-371.	1.9	32
35	Towards Effective Tourism Dynamic Packages. Information Resources Management Journal, 2012, 25, 1-21.	1.1	8
36	Effective Service Dynamic Packages for Ubiquitous Manufacturing System. Communications in Computer and Information Science, 2012, , 207-219.	0.5	0

#	Article	IF	Citations
37	Towards Effective Tourism and People Alignment. , 2012, , 384-403.		0
38	MACHINE LEARNING IN CYBER-PHYSICAL SYSTEMS AND MANUFACTURING SINGULARITY â€“ IT DOES NOT MEAN TOTAL AUTOMATION, HUMAN IS STILL IN THE CENTRE: Part I â€“ MANUFACTURING SINGULARITY AND AN INTELLIGENT MACHINE ARCHITECTURE. Journal of Machine Engineering, 0, , 161-184.	1.8	2