Mar Marcos

List of Publications by Year
in descending order

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		1170033	721071
35	558	9	23
papers	citations	h-index	g-index

39	39	39	598
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Process mining for healthcare: Characteristics and challenges. Journal of Biomedical Informatics, 2022, 127, 103994.	2.5	91
2	Radiological Structured Report Integrated with Quantitative Imaging Biomarkers and Qualitative Scoring Systems. Journal of Digital Imaging, 2022, , 1.	1.6	0
3	Process Model Metrics for Quality Assessment of Computer-Interpretable Guidelines in PROforma. Applied Sciences (Switzerland), 2021, 11, 2922.	1.3	0
4	Augmented EHR: Enrichment of EHR with Contents from Semantic Web Sources. Applied Sciences (Switzerland), 2021, 11, 3978.	1.3	0
5	Towards a Knowledge and Data-Driven Perspective in Medical Processes. Computers in Health Care, 2021, , 27-40.	0.2	0
6	CLIN-IK-LINKS: A platform for the design and execution of clinical data transformation and reasoning workflows. Computer Methods and Programs in Biomedicine, 2020, 197, 105616.	2.6	11
7	What Role Can Process Mining Play in Recurrent Clinical Guidelines Issues? A Position Paper. International Journal of Environmental Research and Public Health, 2020, 17, 6616.	1.2	12
8	A Practical Exercise on Re-engineering Clinical Guideline Models Using Different Representation Languages. Lecture Notes in Computer Science, 2019, , 3-16.	1.0	1
9	Clinical Guidelines: A Crossroad of Many Research Areas. Challenges and Opportunities in Process Mining for Healthcare. Lecture Notes in Business Information Processing, 2019, , 545-556.	0.8	14
10	Towards the semantic enrichment of Computer Interpretable Guidelines: a method for the identification of relevant ontological terms. AMIA ... Annual Symposium proceedings, 2018, 2018, 922-931.	0.2	0
11	Analysis of the process of representing clinical statements for decision-support applications: a comparison of openEHR archetypes and HL7 virtual medical record. Journal of Medical Systems, 2016, 40, 163.	2.2	14
12	Supporting the Refinement of Clinical Process Models to Computer-Interpretable Guideline Models. Business and Information Systems Engineering, 2016, 58, 355-366.	4.0	9
13	A platform for exploration into chaining of web services for clinical data transformation and reasoning. AMIA ... Annual Symposium proceedings, 2016, 2016, 854-863.	0.2	2
14	Using SNOMED CT Expression Constraints to Bridge the Gap Between Clinical Decision-Support Systems and Electronic Health Records. Studies in Health Technology and Informatics, 2016, 228, 504-8.	0.2	1
15	An Algorithm for Guideline Transformation: From BPMN to SDA. Procedia Computer Science, 2015, 63, 244-251.	1.2	4
16	Leveraging workflow control patterns in the domain of clinical practice guidelines. BMC Medical Informatics and Decision Making, 2015, 16, 20.	1.5	13
17	An Algorithm for Guideline Transformation: From BPMN to PROforma. Lecture Notes in Computer Science, 2014, , 121-132.	1.0	2
18	Interoperability of clinical decision-support systems and electronic health records using archetypes: A case study in clinical trial eligibility. Journal of Biomedical Informatics, 2013, 46, 676-689.	2.5	97

#	Article	IF	Citations
19	Leveraging electronic healthcare record standards and semantic web technologies for the identification of patient cohorts. Journal of the American Medical Informatics Association: JAMIA, 2013, 20, e288-e296.	2.2	43
20	An Archetype-Based Solution for the Interoperability of ComputerisedÂGuidelines and ElectronicÂHealthÂRecords. Lecture Notes in Computer Science, 2011, , 276-285.	1.0	9
21	Experiences in the Development of Electronic Care Plans for the Management of Comorbidities. Lecture Notes in Computer Science, 2010, , 113-123.	1.0	6
22	Extraction and use of linguistic patterns for modelling medical guidelines. Artificial Intelligence in Medicine, 2007, 39, 137-149.	3.8	44
23	Maintaining Formal Models of Living Guidelines Efficiently. Lecture Notes in Computer Science, 2007, , 441-445.	1.0	8
24	Improving medical protocols by formal methods. Artificial Intelligence in Medicine, 2006, 36, 193-209.	3.8	85
25	Interactive Verification of Medical Guidelines. Lecture Notes in Computer Science, 2006, , 32-47.	1.0	9
26	MHB â€“ A Many-Headed Bridge Between Informal and Formal Guideline Representations. Lecture Notes in Computer Science, 2005, , 146-150.	1.0	6
27	Ontology-Driven Extraction of Linguistic Patterns for Modelling Clinical Guidelines. Lecture Notes in Computer Science, 2005, , 191-200.	1.0	4
28	Design Patterns for Modelling Guidelines. Lecture Notes in Computer Science, 2005, , 121-125.	1.0	0
29	Informal and Formal Medical Guidelines: Bridging the Gap. Lecture Notes in Computer Science, 2003, , 173-178.	1.0	0
30	Combining diagnosis and treatment using asbru. International Journal of Medical Informatics, 2002, 68, 49-57.	1.6	42
31	From Informal Knowledge to Formal Logic: A Realistic Case Study in Medical Protocols. Lecture Notes in Computer Science, 2002, , 49-64.	1.0	7
32	Using Critiquing for Improving Medical Protocols: Harder than It Seems. Lecture Notes in Computer Science, 2001, , 431-442.	1.0	8
33	Model-based verification of knowledge-based systems: A case study. IET Software, 2000, 147, 163.	1.0	2
34	Knowledge Modeling of Program Supervision Task and its Application to Knowledge Base Verification. Applied Intelligence, 1999, 10, 185-196.	3.3	0
35	Verification and validation of knowledge-based program supervision systems. , 0, , .		0