

Mar Marcos

List of Publications by Year in descending order

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Version: 2024-02-01

35
papers

558
citations

1040056

9
h-index

642732

23
g-index

39
all docs

39
docs citations

39
times ranked

518
citing authors

#	ARTICLE	IF	CITATIONS
1	Interoperability of clinical decision-support systems and electronic health records using archetypes: A case study in clinical trial eligibility. <i>Journal of Biomedical Informatics</i> , 2013, 46, 676-689.	4.3	97
2	Process mining for healthcare: Characteristics and challenges. <i>Journal of Biomedical Informatics</i> , 2022, 127, 103994.	4.3	91
3	Improving medical protocols by formal methods. <i>Artificial Intelligence in Medicine</i> , 2006, 36, 193-209.	6.5	85
4	Extraction and use of linguistic patterns for modelling medical guidelines. <i>Artificial Intelligence in Medicine</i> , 2007, 39, 137-149.	6.5	44
5	Leveraging electronic healthcare record standards and semantic web technologies for the identification of patient cohorts. <i>Journal of the American Medical Informatics Association: JAMIA</i> , 2013, 20, e288-e296.	4.4	43
6	Combining diagnosis and treatment using asbru. <i>International Journal of Medical Informatics</i> , 2002, 68, 49-57.	3.3	42
7	Analysis of the process of representing clinical statements for decision-support applications: a comparison of openEHR archetypes and HL7 virtual medical record. <i>Journal of Medical Systems</i> , 2016, 40, 163.	3.6	14
8	Clinical Guidelines: A Crossroad of Many Research Areas. Challenges and Opportunities in Process Mining for Healthcare. <i>Lecture Notes in Business Information Processing</i> , 2019, , 545-556.	1.0	14
9	Leveraging workflow control patterns in the domain of clinical practice guidelines. <i>BMC Medical Informatics and Decision Making</i> , 2015, 16, 20.	3.0	13
10	What Role Can Process Mining Play in Recurrent Clinical Guidelines Issues? A Position Paper. <i>International Journal of Environmental Research and Public Health</i> , 2020, 17, 6616.	2.6	12
11	CLIN-IK-LINKS: A platform for the design and execution of clinical data transformation and reasoning workflows. <i>Computer Methods and Programs in Biomedicine</i> , 2020, 197, 105616.	4.7	11
12	Supporting the Refinement of Clinical Process Models to Computer-Interpretable Guideline Models. <i>Business and Information Systems Engineering</i> , 2016, 58, 355-366.	6.1	9
13	Interactive Verification of Medical Guidelines. <i>Lecture Notes in Computer Science</i> , 2006, , 32-47.	1.3	9
14	An Archetype-Based Solution for the Interoperability of Computerised Guidelines and Electronic Health Records. <i>Lecture Notes in Computer Science</i> , 2011, , 276-285.	1.3	9
15	Using Critiquing for Improving Medical Protocols: Harder than It Seems. <i>Lecture Notes in Computer Science</i> , 2001, , 431-442.	1.3	8
16	Maintaining Formal Models of Living Guidelines Efficiently. <i>Lecture Notes in Computer Science</i> , 2007, , 441-445.	1.3	8
17	From Informal Knowledge to Formal Logic: A Realistic Case Study in Medical Protocols. <i>Lecture Notes in Computer Science</i> , 2002, , 49-64.	1.3	7
18	MHB – A Many-Headed Bridge Between Informal and Formal Guideline Representations. <i>Lecture Notes in Computer Science</i> , 2005, , 146-150.	1.3	6

#	ARTICLE	IF	CITATIONS
19	Experiences in the Development of Electronic Care Plans for the Management of Comorbidities. Lecture Notes in Computer Science, 2010, , 113-123.	1.3	6
20	An Algorithm for Guideline Transformation: From BPMN to SDA. Procedia Computer Science, 2015, 63, 244-251.	2.0	4
21	Ontology-Driven Extraction of Linguistic Patterns for Modelling Clinical Guidelines. Lecture Notes in Computer Science, 2005, , 191-200.	1.3	4
22	Model-based verification of knowledge-based systems: A case study. IET Software, 2000, 147, 163.	1.0	2
23	An Algorithm for Guideline Transformation: From BPMN to PROforma. Lecture Notes in Computer Science, 2014, , 121-132.	1.3	2
24	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
25	A Practical Exercise on Re-engineering Clinical Guideline Models Using Different Representation Languages. Lecture Notes in Computer Science, 2019, , 3-16.	1.3	1
26	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.	0.3	1
27	Verification and validation of knowledge-based program supervision systems. , 0, , .		0
28	Knowledge Modeling of Program Supervision Task and its Application to Knowledge Base Verification. Applied Intelligence, 1999, 10, 185-196.	5.3	0
29	Process Model Metrics for Quality Assessment of Computer-Interpretable Guidelines in PROforma. Applied Sciences (Switzerland), 2021, 11, 2922.	2.5	0
30	Augmented EHR: Enrichment of EHR with Contents from Semantic Web Sources. Applied Sciences (Switzerland), 2021, 11, 3978.	2.5	0
31	Informal and Formal Medical Guidelines: Bridging the Gap. Lecture Notes in Computer Science, 2003, , 173-178.	1.3	0
32	Design Patterns for Modelling Guidelines. Lecture Notes in Computer Science, 2005, , 121-125.	1.3	0
33	Towards a Knowledge and Data-Driven Perspective in Medical Processes. Computers in Health Care, 2021, , 27-40.	0.3	0
34	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
35	Radiological Structured Report Integrated with Quantitative Imaging Biomarkers and Qualitative Scoring Systems. Journal of Digital Imaging, 2022, , 1.	2.9	0