

Marie-Christine Jaulent

List of Publications by Year in descending order

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Version: 2024-02-01

106
papers

1,353
citations

361045

20
h-index

414034

32
g-index

112
all docs

112
docs citations

112
times ranked

1419
citing authors

#	ARTICLE	IF	CITATIONS
1	An Integrated Care Platform System (C3-Cloud) for Care Planning, Decision Support, and Empowerment of Patients With Multimorbidity: Protocol for a Technology Trial. <i>JMIR Research Protocols</i> , 2022, 11, e21994.	0.5	3
2	Encouraging Behavior Changes and Preventing Cardiovascular Diseases Using the Prevent Connect Mobile Health App: Conception and Evaluation of App Quality. <i>Journal of Medical Internet Research</i> , 2022, 24, e25384.	2.1	14
3	Identifying Actionability as a Key Factor for the Adoption of "Intelligent"™ Systems for Drug Safety: Lessons Learned from a User-Centred Design Approach. <i>Drug Safety</i> , 2021, 44, 1165-1178.	1.4	3
4	Influence of Connected Health Interventions for Adherence to Cardiovascular Disease Prevention: A Scoping Review. <i>Applied Clinical Informatics</i> , 2020, 11, 544-555.	0.8	3
5	Localisation, Personalisation and Delivery of Best Practice Guidelines on an Integrated Care and Cure Cloud Architecture: The C3-Cloud Approach to Managing Multimorbidity. <i>Studies in Health Technology and Informatics</i> , 2020, 270, 623-627.	0.2	2
6	Classification of the Severity of Adverse Drugs Reactions. <i>Studies in Health Technology and Informatics</i> , 2020, 270, 1227-1228.	0.2	2
7	Decision Support System for Selection of e-Health Interventions. <i>Studies in Health Technology and Informatics</i> , 2020, 272, 326-329.	0.2	0
8	Supporting Active Pharmacovigilance via IT Tools in the Clinical Setting and Beyond: Regulatory and Management Aspects. <i>Studies in Health Technology and Informatics</i> , 2020, 272, 342-345.	0.2	0
9	Ontological and Non-Ontological Resources for Associating Medical Dictionary for Regulatory Activities Terms to SNOMED Clinical Terms With Semantic Properties. <i>Frontiers in Pharmacology</i> , 2019, 10, 975.	1.6	6
10	Computational Advances in Drug Safety: Systematic and Mapping Review of Knowledge Engineering Based Approaches. <i>Frontiers in Pharmacology</i> , 2019, 10, 415.	1.6	10
11	Semantic Queries Expedite MedDRA Terms Selection Thanks to a Dedicated User Interface: A Pilot Study on Five Medical Conditions. <i>Frontiers in Pharmacology</i> , 2019, 10, 50.	1.6	3
12	Semantic Interpretation of the map with Diabetes-Related Websites. <i>Procedia Computer Science</i> , 2019, 160, 330-337.	1.2	3
13	Quantitative analysis of manual annotation of clinical text samples. <i>International Journal of Medical Informatics</i> , 2019, 123, 37-48.	1.6	15
14	User Driven Design: First Step in Involving Healthcare Consumers and Clinicians in Developing a Collaborative Platform to Prevent Cardiovascular Diseases. <i>Studies in Health Technology and Informatics</i> , 2019, 264, 1313-1317.	0.2	2
15	User-Centered Design of the C3-Cloud Platform for Elderly with Multiple Diseases - Functional Requirements and Application Testing. <i>Studies in Health Technology and Informatics</i> , 2019, 264, 843-847.	0.2	2
16	Mapping the Hyperlink Structure of Diabetes Online Communities. <i>Studies in Health Technology and Informatics</i> , 2019, 264, 467-471.	0.2	0
17	A Knowledge-Based Platform for Assessing Potential Adverse Drug Reactions at the Point of Care: User Requirements and Design. <i>Studies in Health Technology and Informatics</i> , 2019, 264, 1007-1011.	0.2	3
18	Semantic interoperability challenges to process large amount of data perspectives in forensic and legal medicine. <i>Journal of Clinical Forensic and Legal Medicine</i> , 2018, 57, 19-23.	0.5	6

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19	Federating patients identities: the case of rare diseases. Orphanet Journal of Rare Diseases, 2018, 13, 199.	1.2	8
20	Descriptions of Adverse Drug Reactions Are Less Informative in Forums Than in the French Pharmacovigilance Database but Provide More Unexpected Reactions. Frontiers in Pharmacology, 2018, 9, 439.	1.6	10
21	OpenPVSignal: Advancing Information Search, Sharing and Reuse on Pharmacovigilance Signals via FAIR Principles and Semantic Web Technologies. Frontiers in Pharmacology, 2018, 9, 609.	1.6	11
22	Evaluating Twitter as a complementary data source for pharmacovigilance. Expert Opinion on Drug Safety, 2018, 17, 763-774.	1.0	18
23	Evaluation Criteria of Noninvasive Telemonitoring for Patients With Heart Failure: Systematic Review. Journal of Medical Internet Research, 2018, 20, e16.	2.1	18
24	Building a Knowledge-Based Tool for Auto-Assessing the Cardiovascular Risk. Studies in Health Technology and Informatics, 2018, 247, 735-739.	0.2	1
25	Cross border semantic interoperability for learning health systems: The EHR4CR semantic resources and services. Learning Health Systems, 2017, 1, e10014.	1.1	7
26	Exploiting heterogeneous publicly available data sources for drug safety surveillance: computational framework and case studies. Expert Opinion on Drug Safety, 2017, 16, 113-124.	1.0	22
27	Parallel Design of Browsing Scheme and Data Model for Multi-Level Hierarchical Application Devoted to Management of Patient with Infectious Disease in Primary Care. Studies in Health Technology and Informatics, 2017, 235, 421-425.	0.2	0
28	Silver Anniversary: 25 Editions of the IMIA Yearbook. Yearbook of Medical Informatics, 2016, 25, S3-S5.	0.8	5
29	Troubled Waters: Navigating Unintended Consequences of Health Information Technology. Yearbook of Medical Informatics, 2016, 25, 5-6.	0.8	5
30	OntoADR a semantic resource describing adverse drug reactions to support searching, coding, and information retrieval. Journal of Biomedical Informatics, 2016, 63, 100-107.	2.5	22
31	A Multiagent System for Integrated Detection of Pharmacovigilance Signals. Journal of Medical Systems, 2016, 40, 37.	2.2	6
32	Weakly-Supervised Symptom Recognition for Rare Diseases in Biomedical Text. Lecture Notes in Computer Science, 2016, , 192-203.	1.0	4
33	Cross border semantic interoperability for clinical research: the EHR4CR semantic resources and services. AMIA Summits on Translational Science Proceedings, 2016, 2016, 51-9.	0.4	4
34	Bridging Data Models and Terminologies to Support Adverse Drug Event Reporting Using EHR Data. Methods of Information in Medicine, 2015, 54, 24-31.	0.7	17
35	Toward a Formalization of the Process to Select IMIA Yearbook Best Papers. Methods of Information in Medicine, 2015, 54, 135-144.	0.7	46
36	Personalized prediction of gestational Diabetes using a clinical decision support system. , 2015, , .		11

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37	Semantic interoperability platform for Healthcare Information Exchange. <i>Irbm</i> , 2015, 36, 62-69.	3.7	7
38	Computational Approaches for Pharmacovigilance Signal Detection: Toward Integrated and Semantically-Enriched Frameworks. <i>Drug Safety</i> , 2015, 38, 219-232.	1.4	38
39	Adverse Drug Reaction Identification and Extraction in Social Media: A Scoping Review. <i>Journal of Medical Internet Research</i> , 2015, 17, e171.	2.1	101
40	Personalized decision support system based on clinical practice guidelines. <i>Studies in Health Technology and Informatics</i> , 2015, 211, 308-10.	0.2	4
41	Big3. Editorial. <i>Yearbook of Medical Informatics</i> , 2014, 23, 06-07.	0.8	4
42	Diagnosis Support System based on clinical guidelines: comparison between Case-Based Fuzzy Cognitive Maps and Bayesian Networks. <i>Computer Methods and Programs in Biomedicine</i> , 2014, 113, 133-143.	2.6	40
43	Formalizing MedDRA to support semantic reasoning on adverse drug reaction terms. <i>Journal of Biomedical Informatics</i> , 2014, 49, 282-291.	2.5	26
44	A CDSS Supporting Clinical Guidelines Integrated and Interoperable Within the Clinical Information System. <i>Studies in Computational Intelligence</i> , 2014, , 233-255.	0.7	0
45	Ci4SeR–curation interface for semantic resources–evaluation with adverse drug reactions. <i>Studies in Health Technology and Informatics</i> , 2014, 205, 116-20.	0.2	7
46	Formalizing mappings to optimize automated schema alignment: application to rare diseases. <i>Studies in Health Technology and Informatics</i> , 2014, 205, 283-7.	0.2	3
47	New Semantic Web rules and new medical reasoning framework. , 2013, , .		5
48	Integrate personalized medicine into clinical practice to improve patient safety. <i>Irbm</i> , 2013, 34, 53-55.	3.7	7
49	Improve treatment of pneumonia and reduce adverse drug events. , 2013, , .		2
50	Theme C: Medical information systems and databases – results and future work. <i>Irbm</i> , 2013, 34, 9-10.	3.7	5
51	Application of probabilistic and fuzzy cognitive approaches in semantic web framework for medical decision support. <i>Computer Methods and Programs in Biomedicine</i> , 2013, 112, 580-598.	2.6	22
52	Clinical Practice Guidelines Formalization for Personalized Medicine. <i>International Journal of Applied Evolutionary Computation</i> , 2013, 4, 26-33.	0.7	4
53	Solutions d'interopérabilité sémantique pour la surveillance de l'antibiorésistance en Europe. <i>Ingénierie Des Systèmes D'Information</i> , 2013, 18, 59-82.	0.5	0
54	Improving information retrieval using Medical Subject Headings Concepts: a test case on rare and chronic diseases. <i>Journal of the Medical Library Association: JMLA</i> , 2012, 100, 176-183.	0.6	31

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55	Sequential pattern mining to discover relations between genes and rare diseases. , 2012, , .		10
56	Proof-Based Ontology Matching: Finding Semantic Similarities between Ancestor Graph Structures. , 2012, , .		0
57	Genomic and personalized medicine decision support system. , 2012, , .		7
58	Evaluation of automated term groupings for detecting anaphylactic shock signals for drugs. AMIA ... Annual Symposium proceedings, 2012, 2012, 882-90.	0.2	5
59	Automatic generation of MedDRA terms groupings using an ontology. Studies in Health Technology and Informatics, 2012, 180, 73-7.	0.2	14
60	Clinical diagnosis support system based on case based fuzzy cognitive maps and semantic web. Studies in Health Technology and Informatics, 2012, 180, 295-9.	0.2	7
61	The Electronic Healthcare Record for Clinical Research (EHR4CR) information model and terminology. Studies in Health Technology and Informatics, 2012, 180, 534-8.	0.2	15
62	Case Based Fuzzy Cognitive Maps (CBFCM): New method for medical reasoning: Comparison study between CBFCM/FCM. , 2011, , .		10
63	Integrating clinical research with the Healthcare Enterprise: From the RE-USE project to the EHR4CR platform. Journal of Biomedical Informatics, 2011, 44, S94-S102.	2.5	72
64	Vers une meilleure dÃ©tection du signal et gestion des connaissances en pharmacovigilanceÂ: le projet VigiTermes. Irbm, 2011, 32, 158-161.	3.7	2
65	Exploitation de la distance sÃ©mantique pour la crÃ©ation de groupements de termes en pharmacovigilance. Informatique Et SantÃ©, 2011, , 25-36.	0.1	1
66	Utilisation du web sÃ©mantique dans le raisonnement mÃ©dical diagnostique. Domaine d'application: Les infections des voies urinaires de l'adulte. Informatique Et SantÃ©, 2011, , 59-70.	0.1	3
67	A case report: using SNOMED CT for grouping Adverse Drug Reactions Terms. BMC Medical Informatics and Decision Making, 2008, 8, S4.	1.5	29
68	Analysis of overridden alerts in a drug-drug interaction detection system. International Journal for Quality in Health Care, 2008, 20, 400-405.	0.9	33
69	Assessment of biomedical knowledge according to confidence criteria. Studies in Health Technology and Informatics, 2008, 136, 199-204.	0.2	2
70	A document engineering environment for clinical guidelines. , 2007, , .		12
71	Building an ontology of pulmonary diseases with natural language processing tools using textual corpora. International Journal of Medical Informatics, 2007, 76, 208-215.	1.6	24
72	Building an Ontology of Hypertension Management. Lecture Notes in Computer Science, 2007, , 292-296.	1.0	3

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73	Maintenance of a computerized medical record form. AMIA ... Annual Symposium proceedings, 2007, , 691-5.	0.2	0
74	PharmARTS: terminology web services for drug safety data coding and retrieval. Studies in Health Technology and Informatics, 2007, 129, 699-704.	0.2	7
75	Modeling and acquisition of drug-drug interaction knowledge. Studies in Health Technology and Informatics, 2007, 129, 900-4.	0.2	1
76	Building an ontology of adverse drug reactions for automated signal generation in pharmacovigilance. Computers in Biology and Medicine, 2006, 36, 748-767.	3.9	47
77	Building medical ontologies by terminology extraction from texts: An experiment for the intensive care units. Computers in Biology and Medicine, 2006, 36, 857-870.	3.9	24
78	Computation of semantic similarity within an ontology of breast pathology to assist inter-observer consensus. Computers in Biology and Medicine, 2006, 36, 768-788.	3.9	15
79	Clustering WHO-ART terms using semantic distance and machine learning algorithms. AMIA ... Annual Symposium proceedings, 2006, , 369-73.	0.2	2
80	Comparison of the impact of cardiovascular guidelines on a working population. Studies in Health Technology and Informatics, 2006, 124, 639-44.	0.2	1
81	Mapping of the WHO-ART terminology on Snomed CT to improve grouping of related adverse drug reactions. Studies in Health Technology and Informatics, 2006, 124, 833-8.	0.2	15
82	Knowledge acquisition for computation of semantic distance between WHO-ART terms. Studies in Health Technology and Informatics, 2006, 124, 839-44.	0.2	4
83	Implementation of automated signal generation in pharmacovigilance using a knowledge-based approach. International Journal of Medical Informatics, 2005, 74, 563-571.	1.6	48
84	Electronic implementation of guidelines in the EsPeR system: A knowledge specification method. International Journal of Medical Informatics, 2005, 74, 597-604.	1.6	15
85	Appraisal of the MedDRA Conceptual Structure for Describing and Grouping Adverse Drug Reactions. Drug Safety, 2005, 28, 19-34.	1.4	88
86	Building Medical Ontologies Based on Terminology Extraction from Texts: Methodological Propositions. Lecture Notes in Computer Science, 2005, , 231-235.	1.0	1
87	An environment for document engineering of clinical guidelines. AMIA ... Annual Symposium proceedings, 2005, , 276-80.	0.2	2
88	Structuring Clinical Guidelines through the Recognition of Deontic Operators. Studies in Health Technology and Informatics, 2005, 116, 151-6.	0.2	2
89	Integration of multiple ontologies in breast cancer pathology. Studies in Health Technology and Informatics, 2005, 116, 641-6.	0.2	0
90	Building medical ontologies based on terminology extraction from texts: an experimentation in pneumology. Studies in Health Technology and Informatics, 2005, 116, 659-64.	0.2	2

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91	Left Ventricular Ejection Fraction Calculation from Automatically Selected and Processed Diastolic and Systolic Frames in Short-Axis Cine-MRI. Journal of Cardiovascular Magnetic Resonance, 2004, 6, 817-827.	1.6	16
92	A knowledge based approach for automated signal generation in pharmacovigilance. Studies in Health Technology and Informatics, 2004, 107, 626-30.	0.2	2
93	Component-based mediation services for the integration of medical applications. Artificial Intelligence in Medicine, 2003, 27, 283-304.	3.8	14
94	Quantifying Stenosis in Renal Arteriograms: A Fuzzy Syntactic Analysis. Methods of Information in Medicine, 1999, 38, 207-213.	0.7	2
95	Interobserver variability in the interpretation of renal digital subtraction angiography.. American Journal of Roentgenology, 1999, 173, 1285-1288.	1.0	27
96	IDEM: a Web application of case-based reasoning in histopathology. Computers in Biology and Medicine, 1998, 28, 473-487.	3.9	7
97	Rationale and Design Considerations for a Semantic Mediator in Health Information Systems. Methods of Information in Medicine, 1998, 37, 518-526.	0.7	14
98	A Case-Based Reasoning method for computer-assisted diagnosis in histopathology. Lecture Notes in Computer Science, 1997, , 239-242.	1.0	5
99	FLEXIBLE RETRIEVAL OF SEMANTIC INFORMATION IN A MEDICAL IMAGES DATABASE. Advances in Fuzzy Systems, 1995, , 394-403.	8.7	1
100	An implementation of a model for functional recognition. International Journal of Intelligent Systems, 1994, 9, 379-402.	3.3	1
101	<title>Part hierarchies of object shape for recognition</title>. , 1994, , .		1
102	An approach for the evaluation of software engineering environments in medicine. Medical Informatics = Medecine Et Informatique, 1993, 18, 195-208.	0.8	4
103	A conceptual model for the interpretation of angiographic renal artery lesions. , 1992, , .		0
104	<title>Algorithm for the recognition of the usefulness of objects in actions</title>. , 1992, , .		0
105	Object structure and action requirements: A compatibility model for functional recognition. International Journal of Intelligent Systems, 1991, 6, 313-336.	3.3	39
106	A general approach to parameter evaluation in fuzzy digital pictures. Pattern Recognition Letters, 1987, 6, 251-259.	2.6	92