

Ricardo J Cruz-Correia

List of Publications by Year in descending order

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Version: 2024-02-01

97
papers

1,682
citations

566801

15
h-index

360668

35
g-index

104
all docs

104
docs citations

104
times ranked

2563
citing authors

#	ARTICLE	IF	CITATIONS
1	Assessing the Use of Hospital Information Systems (HIS) to Support Decision-Making: A Cross-Sectional Study in Public Hospitals in the Huala Health Region of Southern Angola. <i>Healthcare (Switzerland)</i> , 2022, 10, 1267.	1.0	2
2	A Cautionary Tale on Using Covid-19 Data for Machine Learning. <i>Lecture Notes in Computer Science</i> , 2021, , 265-275.	1.0	1
3	COVID-19 and Cybersecurity: Finally, an Opportunity to Disrupt?. <i>Jmirx Med</i> , 2021, 2, e21069.	0.2	26
4	Authors' Response to Peer Reviews of "COVID-19 and Cybersecurity: Finally, an Opportunity to Disrupt?". <i>Jmirx Med</i> , 2021, 2, e29517.	0.2	0
5	GANs for Tabular Healthcare Data Generation: A Review on Utility and Privacy. <i>Lecture Notes in Computer Science</i> , 2021, , 282-291.	1.0	3
6	Profiling IT Security and Interoperability in Brazilian Health Organisations From a Business Perspective. <i>International Journal of E-Health and Medical Communications</i> , 2020, 11, 96-114.	1.4	2
7	Nutrition Information in Oncology " Extending the Electronic Patient-Record Data Set. <i>Journal of Medical Systems</i> , 2020, 44, 191.	2.2	5
8	Simulation of the effects of COVID-19 testing rates on hospitalizations. <i>Bulletin of the World Health Organization</i> , 2020, 98, 299-299.	1.5	8
9	Illegitimate HIS Access by Healthcare Professionals Detection System Applying an Audit Trail-based Model. , 2020, , .		0
10	Identifying Indicators to Assess and Monitor Data Integration Engines Systems. <i>Studies in Health Technology and Informatics</i> , 2020, 270, 1315-1316.	0.2	0
11	The Role of Anatomy Computer-Assisted Learning on Spatial Abilities of Medical Students. <i>Anatomical Sciences Education</i> , 2019, 12, 138-153.	2.5	26
12	Illegitimate HIS access by healthcare professionals: scenarios, use cases and audit trail-based detection model. <i>Procedia Computer Science</i> , 2019, 164, 629-636.	1.2	2
13	Patient-physician discordance in assessment of adherence to inhaled controller medication: a cross-sectional analysis of two cohorts. <i>BMJ Open</i> , 2019, 9, e031732.	0.8	21
14	Validation of patient identification in an HL7 messages integrator for health data monitoring and portability. <i>Procedia Computer Science</i> , 2019, 164, 670-677.	1.2	0
15	Pregnant Users'™ Perceptions of the Birth Plan Interface in the "My Prenatal Care" App: Observational Validation Study. <i>JMIR Formative Research</i> , 2019, 3, e11374.	0.7	8
16	OpenEHR and General Data Protection Regulation: Evaluation of Principles and Requirements. <i>JMIR Medical Informatics</i> , 2019, 7, e9845.	1.3	10
17	Usability Study of a Tool for Patients'™ Access Control to Their Health Data. , 2019, , .		0
18	Can openEHR Represent the Clinical Concepts of an Obstetric-Specific EHR - ObsCare Software?. <i>Studies in Health Technology and Informatics</i> , 2019, 264, 773-777.	0.2	3

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19	Nutrigenomic Information in the openEHR Data Set. <i>Applied Clinical Informatics</i> , 2018, 09, 221-231.	0.8	10
20	Performance equivalency between computer-based and traditional pen-and-paper assessment: A case study in clinical anatomy. <i>Anatomical Sciences Education</i> , 2018, 11, 124-136.	2.5	12
21	Do patients want to know who accesses their personal health information?: A questionnaire to university students. , 2018, , .		0
22	Integration through mapping – An OpenEHR based approach for research oriented integration of health information systems. , 2018, , .		3
23	OpenEHR Modeling Applied to Eating Disorders in Clinical Practice: OpenEHR-Archetypes in Eating Disorders. , 2018, , .		3
24	Personalised medicine challenges: quality of data. <i>International Journal of Data Science and Analytics</i> , 2018, 6, 251-259.	2.4	15
25	HS.Register - An Audit-Trail Tool to Respond to the General Data Protection Regulation (GDPR). <i>Studies in Health Technology and Informatics</i> , 2018, 247, 81-85.	0.2	1
26	Development of a mobile application for oral cancer screening. <i>Technology and Health Care</i> , 2017, 25, 187-195.	0.5	23
27	Pulmonary inflammatory myofibroblastic tumor: report of 2 cases with radiologic-pathologic correlation. <i>Radiology Case Reports</i> , 2017, 12, 251-256.	0.2	3
28	A qualitative research evaluation of a Portuguese computerized cancer registry. , 2017, , .		1
29	Analysis and comparison of HL7 messages in a hospital services. , 2017, , .		1
30	Relevant Lifelong Nutrition Information for the Prevention and Treatment of Childhood Obesity - Design and Creation of New openEHR Archetype Set. , 2017, , .		3
31	Development and evaluation of an interoperable system based on the semantic web to enhance the management of patients' tuberculosis data. <i>Procedia Computer Science</i> , 2017, 121, 791-796.	1.2	12
32	From guidelines to decision-making: using mobile applications and semantic web in the practical case of guides to support patients. <i>Procedia Computer Science</i> , 2017, 121, 803-808.	1.2	8
33	Proposal of a gold standard database model of adverse drug reactions reports. <i>Procedia Computer Science</i> , 2017, 121, 883-888.	1.2	0
34	IS4Learning – A Multiplatform Simulation Technology to Teach and Evaluate Auscultation Skills. , 2017, , 401-420.		0
35	Promoting adverse drug reaction reporting: comparison of different approaches. <i>Revista De Saude Publica</i> , 2016, 50, 14.	0.7	17
36	Identification and Characterization of Inter-Organizational Information Flows in the Portuguese National Health Service. <i>Applied Clinical Informatics</i> , 2016, 07, 1202-1220.	0.8	0

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37	Teaching cardiopulmonary auscultation in workshops using a virtual patient simulation technology – A pilot study. , 2016, 2016, 3019-3022.		2
38	Open-Source Based Integration Solution for Hospitals. , 2016, , .		1
39	Development of a birthweight standard and comparison with currently used standards. What is a 10th centile?. European Journal of Obstetrics, Gynecology and Reproductive Biology, 2016, 206, 184-193.	0.5	16
40	A Speech-to-Text Interface for MammoClass. , 2016, , .		2
41	How to promote adverse drug reaction reports using information systems – a systematic review and meta-analysis. BMC Medical Informatics and Decision Making, 2016, 16, 27.	1.5	53
42	Digital Auscultation. , 2016, , 910-927.		4
43	Pharmacovigilance Informatics. , 2016, , 299-315.		0
44	Gestational age and fetal growth assessment among obstetricians. Journal of Maternal-Fetal and Neonatal Medicine, 2015, 28, 2034-2039.	0.7	2
45	Data Quality in HL7 Messages – A Real Case Analysis. , 2015, , .		6
46	A Proposal to Incorporate Digital Auscultation and Its Processing into an Existing Electronic Health Record. , 2015, , .		7
47	Predicting Within-24h Visualisation of Hospital Clinical Reports Using Bayesian Networks. Lecture Notes in Computer Science, 2015, , 91-102.	1.0	0
48	An adaptive scheduling model for a multi-agent based VEPR data collection actions. Studies in Health Technology and Informatics, 2015, 210, 286-90.	0.2	0
49	Integrating data and network standards into an interoperable e-Health solution. , 2014, , .		9
50	Obstetric Information System: Effectiveness in Health Care Practice. Procedia Technology, 2014, 16, 1411-1416.	1.1	5
51	AprendIS: A Tool for (in)Formal Learning in Health Informatics. Procedia Technology, 2014, 16, 1367-1373.	1.1	3
52	Exporting Data from an openEHR Repository to Standard Formats. Procedia Technology, 2014, 16, 1391-1396.	1.1	6
53	Service Level Agreement of Information and Communication Technologies in Portuguese Hospitals. Procedia Technology, 2014, 16, 1397-1402.	1.1	12
54	OpenEHR aware multi agent system for inter-institutional health data integration. , 2014, , .		2

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55	Lab Reports and Information Design: Restructuring Results to the User's Knowledge. <i>Procedia Technology</i> , 2014, 16, 1516-1522.	1.1	3
56	Analysis of the quality of hospital information systems audit trails. <i>BMC Medical Informatics and Decision Making</i> , 2013, 13, 84.	1.5	18
57	Predicting visualization of hospital clinical reports using survival analysis of access logs from a virtual patient record. , 2013, , .		1
58	A secure RBAC mobile agent access control model for healthcare institutions. , 2013, , .		23
59	Setting reference values for exhaled nitric oxide: a systematic review. <i>Clinical Respiratory Journal</i> , 2013, 7, 113-120.	0.6	27
60	Using a clinical document importance estimator to optimize an agent-based clinical report retrieval system. , 2013, , .		1
61	Creating openEHR content to different moments of care: Obstetrics emergency scenario. , 2013, , .		1
62	Survey of openEHR storage implementations. , 2013, , .		22
63	Challenges of a Mobile Application for Asthma and Allergic Rhinitis Patient Enablementâ€™ Interface and Synchronization. <i>Telemedicine Journal and E-Health</i> , 2013, 19, 13-18.	1.6	32
64	A process mining analysis on a Virtual Electronic Patient Record system. , 2013, , .		6
65	An automatic clinical document importance estimator for an existing electronic patient record — Architecture and implementation. , 2013, , .		0
66	Combining a Tablet and an Electronic Stethoscope to Create a New Interaction Paradigm for Teaching Cardiac Auscultation. <i>Communications in Computer and Information Science</i> , 2013, , 206-209.	0.4	2
67	A Secure RBAC Mobile Agent Model for Healthcare Institutions - Preliminary Study. <i>Lecture Notes in Computer Science</i> , 2013, , 108-111.	1.0	6
68	Management of precancerous conditions and lesions in the stomach (MAPS): guideline from the European Society of Gastrointestinal Endoscopy (ESGE), European Helicobacter Study Group (EHSG), European Society of Pathology (ESP), and the Sociedade Portuguesa de Endoscopia Digestiva (SPED). <i>Endoscopy</i> , 2012, 44, 74-94.	1.0	594
69	Detecting cardiac pathologies from annotated auscultations. , 2012, , .		1
70	eHealth key issues in Portuguese Public Hospitals. , 2012, , .		1
71	Extracting BI-RADS features from Portuguese clinical texts. , 2012, , 1-4.		12
72	Promoting Spontaneous Adverse Drug Reaction Reporting in Hospitals Using a Hyperlink to the Online Reporting Form. <i>Drug Safety</i> , 2012, 35, 387-394.	1.4	32

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73	Management of precancerous conditions and lesions in the stomach (MAPS): guideline from the European Society of Gastrointestinal Endoscopy (ESGE), European Helicobacter Study Group (EHSG), European Society of Pathology (ESP), and the Sociedade Portuguesa de Endoscopia Digestiva (SPED). Virchows Archiv Fur Pathologische Anatomie Und Physiologie Und Fur Klinische Medizin, 2012, 460, 19-46.	1.4	111
74	A Mobile Based Authorization Mechanism for Patient Managed Role Based Access Control. Lecture Notes in Computer Science, 2012, , 54-68.	1.0	8
75	DigiScope — Unobtrusive collection and annotating of auscultations in real hospital environments. , 2011, 2011, 1193-6.		18
76	Usable access control policy and model for healthcare. , 2011, , .		11
77	Wiithery on seniors — Effects on physical and metal domains. , 2011, , .		8
78	Usability of authentication and access control: A case study in healthcare. , 2011, , .		4
79	Integrating Medical Patient Data with Family Trees to Improve the Quality of Information. Advances in Intelligent and Soft Computing, 2011, , 17-22.	0.2	0
80	Password Sharing and How to Reduce It. , 2011, , 243-263.		0
81	Traceability of patient records usage: barriers and opportunities for improving user interface design and data management. Studies in Health Technology and Informatics, 2011, 169, 275-9.	0.2	0
82	Determinants of frequency and longevity of hospital encounters' data use. BMC Medical Informatics and Decision Making, 2010, 10, 15.	1.5	11
83	Grounding information security in healthcare. International Journal of Medical Informatics, 2010, 79, 268-283.	1.6	18
84	Pectoral muscle detection in mammograms based on the shortest path with endpoints learnt by SVMs. , 2010, 2010, 3158-61.		12
85	Pectoral muscle detection in mammograms based on polar coordinates and the shortest path. , 2010, 2010, 4781-4.		10
86	How to Securely Break into RBAC: The BTG-RBAC Model. , 2009, , .		72
87	Control of allergic rhinitis and asthma test â€œ a formal approach to the development of a measuring tool. Respiratory Research, 2009, 10, 52.	1.4	51
88	Data Quality and Integration Issues in Electronic Health Records. Chapman & Hall/CRC Data Mining and Knowledge Discovery Series, 2009, , .	0.2	15
89	Security of Electronic Medical Records. , 2009, , 30-47.		2
90	Improving the implementation of access control in EMR. , 2008, , .		4

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91	Web-based system for training and dissemination of a magnification chromoendoscopy classification. World Journal of Gastroenterology, 2008, 14, 7086.	1.4	12
92	Reviewing the integration of patient data: how systems are evolving in practice to meet patient needs. BMC Medical Informatics and Decision Making, 2007, 7, 14.	1.5	42
93	Web-based or paper-based self-management tools for asthma--patients' opinions and quality of data in a randomized crossover study. Studies in Health Technology and Informatics, 2007, 127, 178-89.	0.2	25
94	How to Break Access Control in a Controlled Manner. , 2006, , .		81
95	A secure wireless architecture to access a virtual electronic patient record. , 2006, , .		2
96	Monitoring the integration of hospital information systems: How it may ensure and improve the quality of data. Studies in Health Technology and Informatics, 2006, 121, 176-82.	0.2	3
97	A Multicenter Web-Based Study To Assess the Learning Curve of a Classification of Magnification Chromoendoscopy in Gastric Mucosa. Gastrointestinal Endoscopy, 2005, 61, AB112.	0.5	2