

Vasa Curcin

List of Publications by Year in descending order

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Version: 2024-02-01

97
papers

2,351
citations

270111

25
h-index

274796

44
g-index

110
all docs

110
docs citations

110
times ranked

4239
citing authors

#	ARTICLE	IF	CITATIONS
1	Risk of cardiovascular disease and all cause mortality among patients with type 2 diabetes prescribed oral antidiabetes drugs: retrospective cohort study using UK general practice research database. <i>BMJ: British Medical Journal</i> , 2009, 339, b4731-b4731.	2.4	374
2	Researching Mental Health Disorders in the Era of Social Media: Systematic Review. <i>Journal of Medical Internet Research</i> , 2017, 19, e228.	2.1	182
3	Possible Sources of Bias in Primary Care Electronic Health Record Data Use and Reuse. <i>Journal of Medical Internet Research</i> , 2018, 20, e185.	2.1	164
4	A systematic review of machine learning models for predicting outcomes of stroke with structured data. <i>PLoS ONE</i> , 2020, 15, e0234722.	1.1	102
5	Effectiveness of the influenza vaccine in preventing admission to hospital and death in people with type 2 diabetes. <i>Cmaj</i> , 2016, 188, E342-E351.	0.9	85
6	Association of systolic and diastolic blood pressure and all cause mortality in people with newly diagnosed type 2 diabetes: retrospective cohort study. <i>BMJ, The</i> , 2012, 345, e5567-e5567.	3.0	76
7	Statin Induced Myopathy and Myalgia: Time Trend Analysis and Comparison of Risk Associated with Statin Class from 1991â€“2006. <i>PLoS ONE</i> , 2008, 3, e2522.	1.1	72
8	Translational Medicine and Patient Safety in Europe: TRANSFoRmâ€™Architecture for the Learning Health System in Europe. <i>BioMed Research International</i> , 2015, 2015, 1-8.	0.9	60
9	The Impact of Timing and Duration of Thiopurine Treatment on First Intestinal Resection in Crohn's Disease: National UK Population-Based Study 1989â€“2010. <i>American Journal of Gastroenterology</i> , 2014, 109, 409-416.	0.2	56
10	Steroid dependency and trends in prescribing for inflammatory bowel disease â€“ a 20â€“year national populationâ€“based study. <i>Alimentary Pharmacology and Therapeutics</i> , 2016, 44, 482-494.	1.9	49
11	A case-control and cohort study to determine the relationship between ethnic background and severe COVID-19. <i>EClinicalMedicine</i> , 2020, 28, 100574.	3.2	48
12	Obesity paradox in people newly diagnosed with type 2 diabetes with and without prior cardiovascular disease. <i>Diabetes, Obesity and Metabolism</i> , 2014, 16, 317-325.	2.2	47
13	Our data, our society, our health: A vision for inclusive and transparent health data science in the United Kingdom and beyond. <i>Learning Health Systems</i> , 2019, 3, e10191.	1.1	42
14	Web services in the life sciences. <i>Drug Discovery Today</i> , 2005, 10, 865-871.	3.2	41
15	Pay for performance and the quality of diabetes management in individuals with and without co-morbid medical conditions. <i>Journal of the Royal Society of Medicine</i> , 2009, 102, 369-377.	1.1	41
16	A unified structural/terminological interoperability framework based on LexEVS: application to TRANSFoRm. <i>Journal of the American Medical Informatics Association: JAMIA</i> , 2013, 20, 986-994.	2.2	37
17	The impact of timing and duration of thiopurine treatment on colectomy in ulcerative colitis: a national populationâ€“based study of incident cases between 1989â€“2009. <i>Alimentary Pharmacology and Therapeutics</i> , 2015, 41, 87-98.	1.9	36
18	Templates as a method for implementing data provenance in decision support systems. <i>Journal of Biomedical Informatics</i> , 2017, 65, 1-21.	2.5	36

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19	Association of practice size and pay-for-performance incentives with the quality of diabetes management in primary care. <i>Cmaj</i> , 2011, 183, E809-E816.	0.9	34
20	Public Opinions on Using Social Media Content to Identify Users With Depression and Target Mental Health Care Advertising: Mixed Methods Survey. <i>JMIR Mental Health</i> , 2019, 6, e12942.	1.7	34
21	Do Thiopurines Reduce the Risk of Surgery in Elderly Onset Inflammatory Bowel Disease? A 20-Year National Population-Based Cohort Study. <i>Inflammatory Bowel Diseases</i> , 2017, 23, 672-680.	0.9	33
22	Clinical Data Integration Model. <i>Methods of Information in Medicine</i> , 2015, 54, 16-23.	0.7	30
23	Long COVID Multidisciplinary consortium Optimising Treatments and services across the NHS (LOCOMOTION): protocol for a mixed-methods study in the UK. <i>BMJ Open</i> , 2022, 12, e063505.	0.8	30
24	KDE Bioscience: Platform for bioinformatics analysis workflows. <i>Journal of Biomedical Informatics</i> , 2006, 39, 440-450.	2.5	28
25	Implementing interoperable provenance in biomedical research. <i>Future Generation Computer Systems</i> , 2014, 34, 1-16.	4.9	28
26	Impact of early thiopurines on surgery in 2770 children and young people diagnosed with inflammatory bowel disease: a national population-based study. <i>Alimentary Pharmacology and Therapeutics</i> , 2015, 42, 990-999.	1.9	27
27	Impact of a Pay-for-Performance Incentive Scheme on Age, Sex, and Socioeconomic Disparities in Diabetes Management in UK Primary Care. <i>Journal of Ambulatory Care Management</i> , 2010, 33, 336-349.	0.5	26
28	eSource for clinical trials: Implementation and evaluation of a standards-based approach in a real world trial. <i>International Journal of Medical Informatics</i> , 2017, 106, 17-24.	1.6	24
29	Clinical prediction models for mortality in patients with covid-19: external validation and individual participant data meta-analysis. <i>BMJ</i> , The, 0, , e069881.	3.0	24
30	Embedding data provenance into the Learning Health System to facilitate reproducible research. <i>Learning Health Systems</i> , 2017, 1, e10019.	1.1	23
31	Model-driven approach to data collection and reporting for quality improvement. <i>Journal of Biomedical Informatics</i> , 2014, 52, 151-162.	2.5	20
32	Reductions in risk factors for secondary prevention of coronary heart disease by ethnic group in south-west London: 10-year longitudinal study (1998-2007). <i>Family Practice</i> , 2010, 27, 430-438.	0.8	19
33	Differences in Clinical Presentation With Long COVID After Community and Hospital Infection and Associations With All-Cause Mortality: English Sentinel Network Database Study. <i>JMIR Public Health and Surveillance</i> , 2022, 8, e37668.	1.2	19
34	Shaping innovations in long-term care for stroke survivors with multimorbidity through stakeholder engagement. <i>PLoS ONE</i> , 2017, 12, e0177102.	1.1	17
35	Collaborative design of a decision aid for stroke survivors with multimorbidity: a qualitative study in the UK engaging key stakeholders. <i>BMJ Open</i> , 2019, 9, e030385.	0.8	17
36	Desiderata for the development of next-generation electronic health record phenotype libraries. <i>GigaScience</i> , 2021, 10, .	3.3	17

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37	A cluster randomised controlled trial evaluating the effectiveness of eHealth-supported patient recruitment in primary care research: the TRANSFoRm study protocol. <i>Implementation Science</i> , 2015, 10, 15.	2.5	16
38	The TRANSFoRm project: Experience and lessons learned regarding functional and interoperability requirements to support primary care. <i>Learning Health Systems</i> , 2018, 2, e10037.	1.1	16
39	A Multilevel Predictive Model for Detecting Social Network Users with Depression. , 2018, , .		16
40	Deep Learning With Anaphora Resolution for the Detection of Tweeters With Depression: Algorithm Development and Validation Study. <i>JMIR Mental Health</i> , 2021, 8, e19824.	1.7	16
41	Emerging trends and risk factors for perianal surgery in Crohn's disease: a 20-year national population-based cohort study. <i>European Journal of Gastroenterology and Hepatology</i> , 2016, 28, 890-895.	0.8	15
42	The ArguGRID Platform: An Overview. <i>Lecture Notes in Computer Science</i> , 2008, , 217-225.	1.0	14
43	Detecting and Treating Mental Illness on Social Networks. , 2017, , .		13
44	Descriptive comparison of admission characteristics between pandemic waves and multivariable analysis of the association of the Alpha variant (B.1.1.7 lineage) of SARS-CoV-2 with disease severity in inner London. <i>BMJ Open</i> , 2022, 12, e055474.	0.8	12
45	Analysing scientific workflows with Computational Tree Logic. <i>Cluster Computing</i> , 2009, 12, 399-419.	3.5	11
46	Impact of Timing and Duration of Thiopurine Treatment on First Perianal Surgery in Crohn's Disease. <i>Inflammatory Bowel Diseases</i> , 2015, 21, 385-391.	0.9	11
47	Feasibility and acceptability of TRANSFoRm to improve clinical trial recruitment in primary care. <i>Family Practice</i> , 2016, 33, 186-191.	0.8	11
48	Building and Using Analytical Workflows in Discovery Net. , 2009, , 119-139.		9
49	The design and implementation of a workflow analysis tool. <i>Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences</i> , 2010, 368, 4193-4208.	1.6	9
50	Towards a scientific workflow methodology for primary care database studies. <i>Statistical Methods in Medical Research</i> , 2010, 19, 378-393.	0.7	8
51	Access control and view generation for provenance graphs. <i>Future Generation Computer Systems</i> , 2015, 49, 8-27.	4.9	8
52	User Involvement in the Design of a Data-Driven Self-Management Decision Support Tool for Stroke Survivors. , 2019, , .		8
53	Ethnic Differences in Diabetes Management in Patients With and Without Comorbid Medical Conditions: A cross-sectional study. <i>Diabetes Care</i> , 2011, 34, 655-657.	4.3	6
54	Tonsillectomy among children with low baseline acute throat infection consultation rates in UK general practices: a cohort study. <i>BMJ Open</i> , 2015, 5, e006686-e006686.	0.8	6

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55	LabelFlow Framework for Annotating Workflow Provenance. Informatics, 2018, 5, 11.	2.4	6
56	Predicting Social Network Users with Depression from Simulated Temporal Data. , 2019, , .		6
57	The CONSULT System. , 2018, , .		5
58	Comparison and transformation between CDISC ODM and EN13606 EHR standards in connecting EHR data with clinical trial research data. Digital Health, 2018, 4, 205520761877767.	0.9	5
59	Abstracting PROV provenance graphs: A validity-preserving approach. Future Generation Computer Systems, 2020, 111, 352-367.	4.9	5
60	Non-repudiable Provenance for Clinical Decision Support Systems. Lecture Notes in Computer Science, 2021, , 165-182.	1.0	5
61	Modeling Depression Symptoms from Social Network Data through Multiple Instance Learning. AMIA Summits on Translational Science Proceedings, 2019, 2019, 44-53.	0.4	5
62	Integrated Informatics in Life and Materials Sciences: An Oxymoron?. QSAR and Combinatorial Science, 2005, 24, 120-130.	1.5	4
63	Intelligent Agents in the Service-Oriented World - An Industrial Experience Report. , 2009, , .		4
64	Why does human phenomics matter today?. Learning Health Systems, 2020, 4, e10249.	1.1	4
65	A multi-centre, pragmatic, three-arm, individually randomised, non-inferiority, open trial to compare immediate orally administered, immediate topically administered or delayed orally administered antibiotics for acute otitis media with discharge in children: The Runny Ear Study (REST): study protocol. Trials, 2020, 21, 463.	0.7	4
66	Impact of the European General Data Protection Regulation (GDPR) on Health Data Management in a European Union Candidate Country: A Case Study of Serbia. JMIR Medical Informatics, 2020, 8, e14604.	1.3	4
67	Social media big data analysis for mental health research. , 2022, , 109-143.		4
68	In the wild pilot usability assessment of a connected health system for stroke self management. , 2020, , .		4
69	Engaging Stakeholders in the Design and Usability Evaluation of a Decision Aid to Improve Secondary Stroke Prevention. Studies in Health Technology and Informatics, 2018, 247, 765-769.	0.2	4
70	Polymorphic type framework for scientific workflows with relational data model. International Journal of Business Process Integration and Management, 2010, 5, 45.	0.2	3
71	Transform: Implementing a Learning Healthcare System in Europe through Embedding Clinical Research into Clinical Practice. , 2015, , .		3
72	Requirements and validation of a prototype learning health system for clinical diagnosis. Learning Health Systems, 2017, 1, e10026.	1.1	3

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73	Classifying Depressed Users With Multiple Instance Learning from Social Network Data. , 2018, , .		3
74	A Microservice Architecture for the Design of Computer-Interpretable Guideline Processing Tools. , 2019, , .		3
75	Safety of reducing antibiotic prescribing in primary care: a mixed-methods study. Health Services and Delivery Research, 2021, 9, 1-126.	1.4	3
76	Using Computable Phenotypes in Point-of-Care Clinical Trial Recruitment. Studies in Health Technology and Informatics, 2021, 281, 560-564.	0.2	3
77	Provenance Model for Randomized Controlled Trials. Studies in Computational Intelligence, 2013, , 3-33.	0.7	3
78	Use of routinely collected data. BMJ: British Medical Journal, 2010, 340, c2403-c2403.	2.4	3
79	Detailed clinical modelling approach to data extraction from heterogeneous data sources for clinical research. AMIA Summits on Translational Science Proceedings, 2014, 2014, 55-9.	0.4	3
80	A methodology for mining clinical data: experiences from TRANSFoRm project. Studies in Health Technology and Informatics, 2015, 210, 85-9.	0.2	3
81	The relationship of socio-demographic factors and patient attitudes to connected health technologies: A survey of stroke survivors. Health Informatics Journal, 2022, 28, 146045822211023.	1.1	3
82	Simulating Taverna workflows using stochastic process algebras. Concurrency Computation Practice and Experience, 2011, 23, 1920-1935.	1.4	2
83	Challenges to implementing electronic trial data collection in primary care: a qualitative study. BMC Family Practice, 2021, 22, 147.	2.9	2
84	TRANSFoRm eHealth solution for quality of life monitoring. AMIA Summits on Translational Science Proceedings, 2016, 2016, 231-9.	0.4	2
85	Phenoflow: A Microservice Architecture for Portable Workflow-based Phenotype Definitions. AMIA Summits on Translational Science Proceedings, 2021, 2021, 142-151.	0.4	2
86	Immediate oral versus immediate topical versus delayed oral antibiotics for children with acute otitis media with discharge: the REST three-arm non-inferiority electronic platform-supported RCT. Health Technology Assessment, 2021, 25, 1-76.	1.3	2
87	Achievements and Experiences from a Grid-Based Earthquake Analysis and Modelling Study. , 2006, , .		1
88	CLAHRC healthcare improvement support system (HISS). , 2012, , .		1
89	All-cause mortality in relation to glycated haemoglobin in individuals with newly diagnosed type 2 diabetes: a retrospective cohort study. British Journal of Diabetes and Vascular Disease, 2013, 13, 22-30.	0.6	1
90	Tu1234 Steroid Dependency in Inflammatory Bowel Disease: National Population Based Study. Gastroenterology, 2015, 148, S-830.	0.6	1

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91	Identifying Audit Trail Viewer Requirements for User-Focused Design: A Qualitative Focus Group Study. , 2018, , .		1
92	A Delayed Instantiation Approach to Template-Driven Provenance for Electronic Health Record Phenotyping. Lecture Notes in Computer Science, 2021, , 3-19.	1.0	1
93	Standard-based integration profiles for clinical research and patient safety. AMIA Summits on Translational Science Proceedings, 2013, 2013, 47-9.	0.4	1
94	Classification Method for Differential Diagnosis Based on the Course of Episode of Care. Lecture Notes in Computer Science, 2013, , 112-121.	1.0	0
95	Inclusion and Exclusion of Medical Codes for Primary Care Data Extraction. , 2018, , .		0
96	Simulated Domain-Specific Provenance. Lecture Notes in Computer Science, 2018, , 71-83.	1.0	0
97	Application of Data Provenance in Healthcare Analytics Software: Information Visualisation of User Activities. AMIA Summits on Translational Science Proceedings, 2018, 2017, 263-272.	0.4	0