Vasa Curcin

List of Publications by Year
in descending order

97 papers	2,351 citations	236612 25 h-index	243296 44 g-index
110 all docs	110 docs citations	110 times ranked	3939 citing authors

#	Article	IF	Citations
1	Social media big data analysis for mental health research. , 2022, , 109-143.		4
2	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. BMJ Open, 2022, 12, e055474.	0.8	12
3	Differences in Clinical Presentation With Long COVID After Community and Hospital Infection and Associations With All-Cause Mortality: English Sentinel Network Database Study. JMIR Public Health and Surveillance, 2022, 8, e37668.	1.2	19
4	LOng COvid Multidisciplinary consortium Optimising Treatments and servIces acrOss the NHS (LOCOMOTION): protocol for a mixed-methods study in the UK. BMJ Open, 2022, 12, e063505.	0.8	30
5	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
6	Non-repudiable Provenance for Clinical Decision Support Systems. Lecture Notes in Computer Science, 2021, , 165-182.	1.0	5
7	Safety of reducing antibiotic prescribing in primary care: a mixed-methods study. Health Services and Delivery Research, 2021, 9, 1-126.	1.4	3
8	Using Computable Phenotypes in Point-of-Care Clinical Trial Recruitment. Studies in Health Technology and Informatics, 2021, 281, 560-564.	0.2	3
9	Challenges to implementing electronic trial data collection in primary care: a qualitative study. BMC Family Practice, 2021, 22, 147.	2.9	2
10	Deep Learning With Anaphora Resolution for the Detection of Tweeters With Depression: Algorithm Development and Validation Study. JMIR Mental Health, 2021, 8, e19824.	1.7	16
11	Desiderata for the development of next-generation electronic health record phenotype libraries. GigaScience, 2021, 10, .	3.3	17
12	A Delayed Instantiation Approach to Template-Driven Provenance for Electronic Health Record Phenotyping. Lecture Notes in Computer Science, 2021, , 3-19.	1.0	1
13	Phenoflow: A Microservice Architecture for Portable Workflow-based Phenotype Definitions. AMIA Summits on Translational Science Proceedings, 2021, 2021, 142-151.	0.4	2
14	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
15	Abstracting PROV provenance graphs: A validity-preserving approach. Future Generation Computer Systems, 2020, 111, 352-367.	4.9	5
16	A case-control and cohort study to determine the relationship between ethnic background and severe COVID-19. EClinicalMedicine, 2020, 28, 100574.	3.2	48
17	Why does human phenomics matter today?. Learning Health Systems, 2020, 4, e10249.	1.1	4
18	A systematic review of machine learning models for predicting outcomes of stroke with structured data. PLoS ONE, 2020, 15, e0234722.	1.1	102

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19	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
20	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
21	In the wild pilot usability assessment of a connected health system for stroke self management. , 2020, , .		4
22	User Involvement in the Design of a Data-Driven Self-Management Decision Support Tool for Stroke Survivors. , 2019, , .		8
23	Predicting Social Network Users with Depression from Simulated Temporal Data. , 2019, , .		6
24	Our data, our society, our health: A vision for inclusive and transparent health data science in the United Kingdom and beyond. Learning Health Systems, 2019, 3, e10191.	1.1	42
25	Collaborative design of a decision aid for stroke survivors with multimorbidity: a qualitative study in the UK engaging key stakeholders. BMJ Open, 2019, 9, e030385.	0.8	17
26	A Microservice Architecture for the Design of Computer-Interpretable Guideline Processing Tools. , 2019, , .		3
27	Public Opinions on Using Social Media Content to Identify Users With Depression and Target Mental Health Care Advertising: Mixed Methods Survey. JMIR Mental Health, 2019, 6, e12942.	1.7	34
28	Modeling Depression Symptoms from Social Network Data through Multiple Instance Learning. AMIA Summits on Translational Science Proceedings, 2019, 2019, 44-53.	0.4	5
29	The TRANSFoRm project: Experience and lessons learned regarding functional and interoperability requirements to support primary care. Learning Health Systems, 2018, 2, e10037.	1.1	16
30	The CONSULT System. , 2018, , .		5
31	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
32	Classifying Depressed Users With Multiple Instance Learning from Social Network Data. , 2018, , .		3
33	A Multilevel Predictive Model for Detecting Social Network Users with Depression. , 2018, , .		16
34	Inclusion and Exclusion of Medical Codes for Primary Care Data Extraction. , 2018, , .		0
35	Identifying Audit Trail Viewer Requirements for User-Focused Design: A Qualitative Focus Group Study. , 2018, , .		1
36	LabelFlow Framework for Annotating Workflow Provenance. Informatics, 2018, 5, 11.	2.4	6

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37	Possible Sources of Bias in Primary Care Electronic Health Record Data Use and Reuse. Journal of Medical Internet Research, 2018, 20, e185.	2.1	164
38	Simulated Domain-Specific Provenance. Lecture Notes in Computer Science, 2018, , 71-83.	1.0	0
39	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
40	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
41	Do Thiopurines Reduce the Risk of Surgery in Elderly Onset Inflammatory Bowel Disease? A 20-Year National Population-Based Cohort Study. Inflammatory Bowel Diseases, 2017, 23, 672-680.	0.9	33
42	Detecting and Treating Mental Illness on Social Networks. , 2017, , .		13
43	Embedding data provenance into the Learning Health System to facilitate reproducible research. Learning Health Systems, 2017, 1, e10019.	1.1	23
44	Requirements and validation of a prototype learning health system for clinical diagnosis. Learning Health Systems, 2017, 1, e10026.	1.1	3
45	eSource for clinical trials: Implementation and evaluation of a standards-based approach in a real world trial. International Journal of Medical Informatics, 2017, 106, 17-24.	1.6	24
46	Templates as a method for implementing data provenance in decision support systems. Journal of Biomedical Informatics, 2017, 65, 1-21.	2.5	36
47	Shaping innovations in long-term care for stroke survivors with multimorbidity through stakeholder engagement. PLoS ONE, 2017, 12, e0177102.	1.1	17
48	Researching Mental Health Disorders in the Era of Social Media: Systematic Review. Journal of Medical Internet Research, 2017, 19, e228.	2.1	182
49	Emerging trends and risk factors for perianal surgery in Crohn's disease: a 20-year national population-based cohort study. European Journal of Gastroenterology and Hepatology, 2016, 28, 890-895.	0.8	15
50	Effectiveness of the influenza vaccine in preventing admission to hospital and death in people with type 2 diabetes. Cmaj, 2016, 188, E342-E351.	0.9	85
51	Steroid dependency and trends in prescribing for inflammatory bowel disease – a 20-year national population-based study. Alimentary Pharmacology and Therapeutics, 2016, 44, 482-494.	1.9	49
52	Feasibility and acceptability of TRANSFoRm to improve clinical trial recruitment in primary care. Family Practice, 2016, 33, 186-191.	0.8	11
53	TRANSFoRm eHealth solution for quality of life monitoring. AMIA Summits on Translational Science Proceedings, 2016, 2016, 231-9.	0.4	2
54	Transform: Implementing a Learning Healthcare System in Europe through Embedding Clinical Research into Clinical Practice. , 2015, , .		3

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55	Impact of early thiopurines on surgery in 2770 children and young people diagnosed with inflammatory bowel disease: a national population-based study. Alimentary Pharmacology and Therapeutics, 2015, 42, 990-999.	1.9	27
56	Clinical Data Integration Model. Methods of Information in Medicine, 2015, 54, 16-23.	0.7	30
57	Translational Medicine and Patient Safety in Europe: TRANSFoRmâ€"Architecture for the Learning Health System in Europe. BioMed Research International, 2015, 2015, 1-8.	0.9	60
58	A cluster randomised controlled trial evaluating the effectiveness of eHealth-supported patient recruitment in primary care research: the TRANSFoRm study protocol. Implementation Science, 2015, 10, 15.	2.5	16
59	Tu1234 Steroid Dependency in Inflammatory Bowel Disease: National Population Based Study. Gastroenterology, 2015, 148, S-830.	0.6	1
60	Access control and view generation for provenance graphs. Future Generation Computer Systems, 2015, 49, 8-27.	4.9	8
61	Impact of Timing and Duration of Thiopurine Treatment on First Perianal Surgery in CrohnÊ¼s Disease. Inflammatory Bowel Diseases, 2015, 21, 385-391.	0.9	11
62	Tonsillectomy among children with low baseline acute throat infection consultation rates in UK general practices: a cohort study. BMJ Open, 2015, 5, e006686-e006686.	0.8	6
63	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. Alimentary Pharmacology and Therapeutics, 2015, 41, 87-98.	1.9	36
64	A methodology for mining clinical data: experiences from TRANSFoRm project. Studies in Health Technology and Informatics, 2015, 210, 85-9.	0.2	3
65	Implementing interoperable provenance in biomedical research. Future Generation Computer Systems, 2014, 34, 1-16.	4.9	28
66	The Impact of Timing and Duration of Thiopurine Treatment on First Intestinal Resection in Crohn's Disease: National UK Population-Based Study 1989â€"2010. American Journal of Gastroenterology, 2014, 109, 409-416.	0.2	56
67	Obesity paradox in people newly diagnosed with type 2 diabetes with and without prior cardiovascular disease. Diabetes, Obesity and Metabolism, 2014, 16, 317-325.	2.2	47
68	Model-driven approach to data collection and reporting for quality improvement. Journal of Biomedical Informatics, 2014, 52, 151-162.	2.5	20
69	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
70	A unified structural/terminological interoperability framework based on LexEVS: application to TRANSFoRm. Journal of the American Medical Informatics Association: JAMIA, 2013, 20, 986-994.	2.2	37
71	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
72	Classification Method for Differential Diagnosis Based on the Course of Episode of Care. Lecture Notes in Computer Science, 2013, , 112-121.	1.0	0

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73	Provenance Model for Randomized Controlled Trials. Studies in Computational Intelligence, 2013, , 3-33.	0.7	3
74	Standard-based integration profiles for clinical research and patient safety. AMIA Summits on Translational Science Proceedings, 2013, 2013, 47-9.	0.4	1
75	Association of systolic and diastolic blood pressure and all cause mortality in people with newly diagnosed type 2 diabetes: retrospective cohort study. BMJ, The, 2012, 345, e5567-e5567.	3.0	76
76	CLAHRC healthcare improvement support system (HISS). , 2012, , .		1
77	Simulating Taverna workflows using stochastic process algebras. Concurrency Computation Practice and Experience, 2011, 23, 1920-1935.	1.4	2
78	Association of practice size and pay-for-performance incentives with the quality of diabetes management in primary care. Cmaj, 2011, 183, E809-E816.	0.9	34
79	Ethnic Differences in Diabetes Management in Patients With and Without Comorbid Medical Conditions: A cross-sectional study. Diabetes Care, 2011, 34, 655-657.	4.3	6
80	The design and implementation of a workflow analysis tool. Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences, 2010, 368, 4193-4208.	1.6	9
81	Polymorphic type framework for scientific workflows with relational data model. International Journal of Business Process Integration and Management, 2010, 5, 45.	0.2	3
82	Towards a scientific workflow methodology for primary care database studies. Statistical Methods in Medical Research, 2010, 19, 378-393.	0.7	8
83	Impact of a Pay-for-Performance Incentive Scheme on Age, Sex, and Socioeconomic Disparities in Diabetes Management in UK Primary Care. Journal of Ambulatory Care Management, 2010, 33, 336-349.	0.5	26
84	Reductions in risk factors for secondary prevention of coronary heart disease by ethnic group in south-west London: 10-year longitudinal study (1998-2007). Family Practice, 2010, 27, 430-438.	0.8	19
85	Use of routinely collected data. BMJ: British Medical Journal, 2010, 340, c2403-c2403.	2.4	3
86	Building and Using Analytical Workflows in Discovery Net. , 2009, , 119-139.		9
87	Intelligent Agents in the Service-Oriented World - An Industrial Experience Report. , 2009, , .		4
88	Pay for perfomance and the quality of diabetes management in individuals with and without co-morbid medical conditions. Journal of the Royal Society of Medicine, 2009, 102, 369-377.	1.1	41
89	Analysing scientific workflows with Computational Tree Logic. Cluster Computing, 2009, 12, 399-419.	3.5	11
90	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. BMJ: British Medical Journal, 2009, 339, b4731-b4731.	2.4	374

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91	Statin Induced Myopathy and Myalgia: Time Trend Analysis and Comparison of Risk Associated with Statin Class from 1991â€"2006. PLoS ONE, 2008, 3, e2522.	1.1	72
92	The ArguGRID Platform: An Overview. Lecture Notes in Computer Science, 2008, , 217-225.	1.0	14
93	Achievements and Experiences from a Grid-Based Earthquake Analysis and Modelling Study. , 2006, , .		1
94	KDE Bioscience: Platform for bioinformatics analysis workflows. Journal of Biomedical Informatics, 2006, 39, 440-450.	2.5	28
95	Web services in the life sciences. Drug Discovery Today, 2005, 10, 865-871.	3.2	41
96	Integrated Informatics in Life and Materials Sciences: An Oxymoron?. QSAR and Combinatorial Science, 2005, 24, 120-130.	1.5	4
97	Clinical prediction models for mortality in patients with covid-19: external validation and individual participant data meta-analysis. BMJ, The, 0, , e069881.	3.0	24