

William Van Woensel

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5769730/publications.pdf>

Version: 2024-02-01

29
papers

224
citations

1477746

6
h-index

1125271

13
g-index

30
all docs

30
docs citations

30
times ranked

298
citing authors

#	ARTICLE	IF	CITATIONS
1	Semantic knowledge modeling and evaluation of argument Theory to develop dialogue based patient education systems for chronic disease Self-Management. International Journal of Medical Informatics, 2022, 160, 104693.	1.6	5
2	Towards an Adaptive Clinical Transcription System for In-Situ Transcribing of Patient Encounter Information. Studies in Health Technology and Informatics, 2022, , .	0.2	0
3	Explainable Decision Support Using Task Network Models in Notation3: Computerizing Lipid Management Clinical Guidelines as Interactive Task Networks. Lecture Notes in Computer Science, 2022, , 3-13.	1.0	2
4	Explainable Clinical Decision Support: Towards Patient-Facing Explanations for Education and Long-Term Behavior Change. Lecture Notes in Computer Science, 2022, , 57-62.	1.0	4
5	Development of AI-Enabled Apps by Patients and Domain Experts Using the Punya Platform: A Case Study for Diabetes. Lecture Notes in Computer Science, 2022, , 431-435.	1.0	2
6	Clinical Guidelines as Executable and Interactive Workflows with FHIR-Compliant Health Data Input Using GLEAN. Lecture Notes in Computer Science, 2022, , 421-425.	1.0	1
7	The Punya Platform: Building Mobile Research Apps with Linked Data and Semantic Features. Lecture Notes in Computer Science, 2021, , 563-579.	1.0	3
8	Semantic Web Framework to Computerize Staged Reflex Testing Protocols to Mitigate Underutilization of Pathology Tests for Diagnosing Pituitary Disorders. Lecture Notes in Computer Science, 2021, , 124-134.	1.0	0
9	Using Knowledge Graphs to Plausibly Infer Missing Associations in EMR Data. Studies in Health Technology and Informatics, 2021, 281, 417-421.	0.2	1
10	Ontology-Based Personalized Cognitive Behavioural Plans for Patients with Mild Depression. Studies in Health Technology and Informatics, 2021, 281, 729-733.	0.2	0
11	Decision support for comorbid conditions via execution-time integration of clinical guidelines using transaction-based semantics and temporal planning. Artificial Intelligence in Medicine, 2021, 118, 102127.	3.8	7
12	Staged reflexive artificial intelligence driven testing algorithms for early diagnosis of pituitary disorders. Clinical Biochemistry, 2021, 97, 48-53.	0.8	5
13	Indoor location identification of patients for directing virtual care: An AI approach using machine learning and knowledge-based methods. Artificial Intelligence in Medicine, 2020, 108, 101931.	3.8	13
14	A CIG Integration Framework to Provide Decision Support for Comorbid Conditions Using Transaction-Based Semantics and Temporal Planning. Lecture Notes in Computer Science, 2020, , 440-450.	1.0	1
15	Smartphone Apps for the Treatment of Mental Disorders: Systematic Review. JMIR MHealth and UHealth, 2020, 8, e14897.	1.8	107
16	Benchmarking semantic reasoning on mobile platforms: Towards optimization using OWL2ÂRL. Semantic Web, 2019, 10, 637-663.	1.1	5
17	Execution-time integration of clinical practice guidelines to provide decision support for comorbid conditions. Artificial Intelligence in Medicine, 2019, 94, 117-137.	3.8	22
18	Using an Artificial Intelligence-Based Argument Theory to Generate Automated Patient Education Dialogues for Families of Children with Juvenile Idiopathic Arthritis. Studies in Health Technology and Informatics, 2019, 264, 1337-1341.	0.2	7

#	ARTICLE	IF	CITATIONS
19	A Digital Health Platform to Deliver Tailored Early Stimulation Programs for Children with Developmental Delays. <i>Studies in Health Technology and Informatics</i> , 2019, 264, 571-575.	0.2	0
20	Providing Comorbid Decision Support via the Integration of Clinical Practice Guidelines at Execution-Time by Leveraging Medical Linked Open Datasets. <i>Studies in Health Technology and Informatics</i> , 2019, 264, 858-862.	0.2	0
21	Proactively Guiding Patients Through ADL via Knowledge-Based and Context-Driven Activity Recognition. <i>Studies in Health Technology and Informatics</i> , 2019, 264, 863-867.	0.2	0
22	Investigating Plausible Reasoning Over Knowledge Graphs for Semantics-Based Health Data Analytics. , 2018, , .		4
23	Optimizing Semantic Reasoning on Memory-Constrained Platforms Using the RETE Algorithm. <i>Lecture Notes in Computer Science</i> , 2018, , 682-696.	1.0	4
24	Semantics-based plausible reasoning to extend the knowledge coverage of medical knowledge bases for improved clinical decision support. <i>BioData Mining</i> , 2017, 10, 7.	2.2	13
25	A semantic web-based approach to plausible reasoning for improving clinical knowledge engineering. , 2016, , .		5
26	A Mobile and Intelligent Patient Diary for Chronic Disease Self-Management. <i>Studies in Health Technology and Informatics</i> , 2015, 216, 118-22.	0.2	6
27	The Shared Decision Making Frontier: a Feasibility and Usability Study for Managing Non-Critical Chronic Illness by Combining Behavioural & Decision Theory with Online Technology. <i>Studies in Health Technology and Informatics</i> , 2015, 216, 148-52.	0.2	1
28	Integrating existing large scale medical laboratory data into the semantic web framework. , 2014, , .		1
29	A Cross-Platform Benchmark Framework for Mobile Semantic Web Reasoning Engines. <i>Lecture Notes in Computer Science</i> , 2014, , 389-408.	1.0	4