Mor Peleg

List of Publications by Year
in descending order

85 papers	3,002 citations	186254 28 h-index	168376 53 g-index
96 all docs	96 docs citations	96 times ranked	2155 citing authors

#	Article	IF	Citations
1	Participatory Design of a Mobile App to Safeguard Mental Resilience in the Context of Drug Use in Young Adults: Multi-Method Study. JMIR Formative Research, 2022, 6, e34477.	1.4	1
2	New JBI policy emphasizes clinically-meaningful novel machine learning methods. Journal of Biomedical Informatics, 2022, 127, 104003.	4.3	2
3	MobiGuide. Communications of the ACM, 2022, 65, 74-79.	4.5	1
4	CAncer PAtients Better Life Experience (CAPABLE) First Proof-of-Concept Demonstration. Lecture Notes in Computer Science, 2021, , 298-303.	1.3	2
5	A Health eLearning Ontology and Procedural Reasoning Approach for Developing Personalized Courses to Teach Patients about Their Medical Condition and Treatment. International Journal of Environmental Research and Public Health, 2021, 18, 7355.	2.6	6
6	Catching Patient's Attention at the Right Time to Help Them Undergo Behavioural Change: Stress Classification Experiment from Blood Volume Pulse. Lecture Notes in Computer Science, 2021, , 72-82.	1.3	4
7	Collaboration between Government and Research Community to Respond to COVID-19: Israel's Case. Journal of Open Innovation: Technology, Market, and Complexity, 2021, 7, 208.	5.2	4
8	Enhancing the IDEAS Framework with Ontology: Designing Digital Interventions for Improving Cancer Patients' Wellbeing.. AMIA ... Annual Symposium proceedings, 2021, 2021, 1186-1195.	0.2	0
9	Towards a framework for comparing functionalities of multimorbidity clinical decision support: A literature-based feature set and benchmark cases.. AMIA ... Annual Symposium proceedings, 2021, 2021, 920-929.	0.2	0
10	A layered computer-interpretable guideline model for easing the update of locally adapted clinical guidelines. Health Informatics Journal, 2020, 26, 156-171.	2.1	1
11	Towards a goal-oriented methodology for clinical-guideline-based management recommendations for patients with multimorbidity: GoCom and its preliminary evaluation. Journal of Biomedical Informatics, 2020, 112, 103587.	4.3	16
12	Ten years of knowledge representation for health care (2009–2018): Topics, trends, and challenges. Artificial Intelligence in Medicine, 2019, 100, 101713.	6.5	33
13	A Method for Goal-Oriented Guideline Modeling in PROforma and Its Preliminary Evaluation. Lecture Notes in Computer Science, 2019, , 17-28.	1.3	3
14	Clinical Tractor: A Framework for Automatic Natural Language Understanding of Clinical Practice Guidelines. AMIA ... Annual Symposium proceedings, 2019, 2019, 784-793.	0.2	0
15	Ideating Mobile Health Behavioral Support for Compliance to Therapy for Patients with Chronic Disease: A Case Study of Atrial Fibrillation Management. Journal of Medical Systems, 2018, 42, 234.	3.6	23
16	Executable Knowledge. , 2018, , 1405-1412.		0
17	Goal-driven management of interacting clinical guidelines for multimorbidity patients. AMIA ... Annual Symposium proceedings, 2018, 2018, 690-699.	0.2	3
18	MobiGuide: a personalized and patient-centric decision-support system and its evaluation in the atrial fibrillation and gestational diabetes domains. User Modeling and User-Adapted Interaction, 2017, 27, 159-213.	3.8	43

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19	Assessment of a personalized and distributed patient guidance system. International Journal of Medical Informatics, 2017, 101, 108-130.	3.3	61
20	Is Crowdsourcing Patient-Reported Outcomes the Future of Evidence-Based Medicine? A Case Study of Back Pain. Lecture Notes in Computer Science, 2017, , 245-255.	1.3	5
21	Using Constraint Logic Programming for the Verification of Customized Decision Models for Clinical Guidelines. Lecture Notes in Computer Science, 2017, , 37-47.	1.3	2
22	Interplay between Clinical Guidelines and Organizational Workflow Systems. Methods of Information in Medicine, 2016, 55, 488-494.	1.2	8
23	Sequence Mining of Comorbid Neurodevelopmental Disorders Using the SPADE Algorithm. Methods of Information in Medicine, 2016, 55, 223-233.	1.2	2
24	A model-driven methodology for exploring complex disease comorbidities applied to autism spectrum disorder and inflammatory bowel disease. Journal of Biomedical Informatics, 2016, 63, 366-378.	4.3	14
25	The Role of Nurses in E-Health: The MobiGuide Project Experience. Studies in Health Technology and Informatics, 2016, 225, 153-7.	0.3	3
26	An ontology for Autism Spectrum Disorder (ASD) to infer ASD phenotypes from Autism Diagnostic Interview-Revised data. Journal of Biomedical Informatics, 2015, 56, 333-347.	4.3	14
27	Understanding requirements of clinical data standards for developing interoperable knowledge-based DSS: A case study. Computer Standards and Interfaces, 2015, 42, 125-136.	5.4	17
28	Artificial Intelligence in Medicine AIME 2013. Artificial Intelligence in Medicine, 2015, 65, 1-3.	6.5	1
29	Solving the interoperability challenge of a distributed complex patient guidance system: a data integrator based on HL7â€™s Virtual Medical Record standard. Journal of the American Medical Informatics Association: JAMIA, 2015, 22, 587-599.	4.4	41
30	Patient-oriented Computerized Clinical Guidelines for Mobile Decision Support in Gestational Diabetes. Journal of Diabetes Science and Technology, 2014, 8, 238-246.	2.2	25
31	Improving business process decision making based on past experience. Decision Support Systems, 2014, 59, 93-107.	5.9	86
32	Use of the virtual medical record data model for communication among components of a distributed decision-support system. , 2014, , .		5
33	Guidelines and Workflow Models. , 2014, , 435-464.		10
34	The Ontology of Clinical Research (OCRe): An informatics foundation for the science of clinical research. Journal of Biomedical Informatics, 2014, 52, 78-91.	4.3	54
35	A Computer-Interpretable Version of the AACE, AME, ETA Medical Guidelines for Clinical Practice for the Diagnosis and Management of Thyroid Nodules. Endocrine Practice, 2014, 20, 352-359.	2.1	20
36	Data Integration for Clinical Decision Support Based on openEHR Archetypes and HL7 Virtual Medical Record. Lecture Notes in Computer Science, 2013, , 71-84.	1.3	11

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37	Computer-interpretable clinical guidelines: A methodological review. Journal of Biomedical Informatics, 2013, 46, 744-763.	4.3	303
38	Artificial intelligence in medicine AIME 2011. Artificial Intelligence in Medicine, 2013, 57, 87-89.	6.5	2
39	Data Requirements for Process Learning. International Journal of Knowledge-Based Organizations, 2013, 3, 1-18.	0.4	2
40	Supporting shared decision making within the MobiGuide project. AMIA ... Annual Symposium proceedings, 2013, 2013, 1175-84.	0.2	7
41	Patient-tailored workflow patterns from clinical practice guidelines recommendations. Studies in Health Technology and Informatics, 2013, 192, 392-6.	0.3	6
42	Pattern-based analysis of computer-interpretable guidelines: Donâ€™t forget the context. Artificial Intelligence in Medicine, 2012, 54, 73-74.	6.5	8
43	A practical method for transforming free-text eligibility criteria into computable criteria. Journal of Biomedical Informatics, 2011, 44, 239-250.	4.3	114
44	Patterns for collaborative work in health care teams. Artificial Intelligence in Medicine, 2011, 53, 139-160.	6.5	27
45	Using OWL and SWRL to represent and reason with situation-based access control policies. Data and Knowledge Engineering, 2011, 70, 596-615.	3.4	51
46	TiMeDDx â€" A multi-phase anchor-based diagnostic decision-support model. Journal of Biomedical Informatics, 2010, 43, 111-124.	4.3	9
47	A goal-oriented framework for specifying clinical guidelines and handling medical errors. Journal of Biomedical Informatics, 2010, 43, 287-299.	4.3	46
48	The Context and the SitBAC Models for Privacy Preservation&#x02014;An Experimental Comparison of Model Comprehension and Synthesis. IEEE Transactions on Knowledge and Data Engineering, 2010, 22, 1475-1488.	5.7	10
49	Sharable Appropriateness Criteria in GLIF3 Using Standards and the Knowledge-Data Ontology Mapper. Lecture Notes in Computer Science, 2010, , 64-75.	1.3	2
50	A Formal Model for Process Context Learning. Lecture Notes in Business Information Processing, 2010, , 140-157.	1.0	32
51	Learning the Context of a Clinical Process. Lecture Notes in Business Information Processing, 2010, , 545-556.	1.0	35
52	A Goal-Based Approach for Learning in Business Processes. , 2010, , 239-256.		7
53	Extending the GuideLine Implementability Appraisal (GLIA) instrument to identify problems in control flow. AMIA ... Annual Symposium proceedings, 2010, 2010, 627-31.	0.2	3
54	Design patterns for clinical guidelines. Artificial Intelligence in Medicine, 2009, 47, 1-24.	6.5	42

#	ARTICLE	IF	CITATIONS
55	Using multi-perspective methodologies to study users' interactions with the prototype front end of a guideline-based decision support system for diabetic foot care. International Journal of Medical Informatics, 2009, 78, 482-493.	3.3	40
56	Onto-clust—A methodology for combining clustering analysis and ontological methods for identifying groups of comorbidities for developmental disorders. Journal of Biomedical Informatics, 2009, 42, 165-175.	4.3	10
57	A methodology for eliciting and modeling exceptions. Journal of Biomedical Informatics, 2009, 42, 736-747.	4.3	35
58	Introduction to the Second International Workshop on Process-Oriented Information Systems in Healthcare (ProHealth 2008). Lecture Notes in Business Information Processing, 2009, , 305-307.	1.0	0
59	Executable Knowledge. , 2009, , 1073-1079.		0
60	Mapping computerized clinical guidelines to electronic medical records: Knowledge-data ontological mapper (KDOM). Journal of Biomedical Informatics, 2008, 41, 180-201.	4.3	78
61	Situation-Based Access Control: Privacy management via modeling of patient data access scenarios. Journal of Biomedical Informatics, 2008, 41, 1028-1040.	4.3	82
62	Declarative and Procedural Approaches for Modelling Clinical Guidelines: Addressing Flexibility Issues. Lecture Notes in Computer Science, 2008, , 335-346.	1.3	29
63	Learning Business Process Models: A Case Study. Lecture Notes in Computer Science, 2008, , 383-394.	1.3	1
64	Introduction to the First International Workshop on Process-Oriented Information Systems in Healthcare (ProHealth 2007). Lecture Notes in Computer Science, 2008, , 319-320.	1.3	0
65	Lessons learned from adapting a generic narrative diabetic-foot guideline to an institutional decision-support system. Studies in Health Technology and Informatics, 2008, 139, 243-52.	0.3	8
66	Classifying and Modeling Exceptions through Object Process Methodology. , 2007, , .		6
67	A Pattern-based Analysis of Clinical Computer-interpretable Guideline Modeling Languages. Journal of the American Medical Informatics Association: JAMIA, 2007, 14, 781-787.	4.4	79
68	Guidelines and workflow models. , 2007, , 281-306.		6
69	Interpreting procedures from descriptive guidelines. Journal of Biomedical Informatics, 2006, 39, 184-195.	4.3	27
70	Open-Source Publishing of Medical Knowledge for Creation of Computer-Interpretable Guidelines. Lecture Notes in Computer Science, 2005, , 156-160.	1.3	3
71	GLIF3: a representation format for sharable computer-interpretable clinical practice guidelines. Journal of Biomedical Informatics, 2004, 37, 147-161.	4.3	257
72	Design and implementation of the GLIF3 guideline execution engine. Journal of Biomedical Informatics, 2004, 37, 305-318.	4.3	99

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73	The InterMed Approach to Sharable Computer-interpretable Guidelines: A Review. Journal of the American Medical Informatics Association: JAMIA, 2004, 11, 1-10.	4.4	57
74	Using Petri Net Tools to Study Properties and Dynamics of Biological Systems. Journal of the American Medical Informatics Association: JAMIA, 2004, 12, 181-199.	4.4	97
75	Modeling and analyzing biomedical processes using workflow/Petri Net models and tools. Studies in Health Technology and Informatics, 2004, 107, 74-8.	0.3	6
76	Comparing Computer-interpretable Guideline Models: A Case-study Approach. Journal of the American Medical Informatics Association: JAMIA, 2003, 10, 52-68.	4.4	407
77	Approaches for guideline versioning using GLIF. AMIA ... Annual Symposium proceedings, 2003, , 509-13.	0.2	1
78	GESDOR - a generic execution model for sharing of computer-interpretable clinical practice guidelines. AMIA ... Annual Symposium proceedings, 2003, , 694-8.	0.2	4
79	Modelling biological processes using workflow and Petri Net models. Bioinformatics, 2002, 18, 825-837.	4.1	124
80	Representation primitives, process models and patient data in computer-interpretable clinical practice guidelines:. International Journal of Medical Informatics, 2002, 68, 59-70.	3.3	114
81	Support for guideline development through error classification and constraint checking. Proceedings, 2002, , 607-11.	0.6	9
82	Sharable Representation of Clinical Guidelines in GLIF: Relationship to the Arden Syntax. Journal of Biomedical Informatics, 2001, 34, 170-181.	4.3	52
83	Toward a Representation Format for Sharable Clinical Guidelines. Journal of Biomedical Informatics, 2001, 34, 157-169.	4.3	52
84	The model multiplicity problem: experimenting with real-time specification methods. IEEE Transactions on Software Engineering, 2000, 26, 742-759.	5.6	78
85	Qualitative Knowledge Models in Functional Genomics and Proteomics. , 0, , 1-23.		1