

# Muhammad F Amith

## List of Publications by Year in descending order

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39  
papers

355  
citations

1040056

9  
h-index

940533

16  
g-index

42  
all docs

42  
docs citations

42  
times ranked

388  
citing authors

#	ARTICLE	IF	CITATIONS
1	Assessing the practice of biomedical ontology evaluation: Gaps and opportunities. <i>Journal of Biomedical Informatics</i> , 2018, 80, 1-13.	4.3	69
2	“Down the Rabbit Hole” of Vaccine Misinformation on YouTube: Network Exposure Study. <i>Journal of Medical Internet Research</i> , 2021, 23, e23262.	4.3	51
3	Early Usability Assessment of a Conversational Agent for HPV Vaccination. <i>Studies in Health Technology and Informatics</i> , 2019, 257, 17-23.	0.3	16
4	Visualized Emotion Ontology: a model for representing visual cues of emotions. <i>BMC Medical Informatics and Decision Making</i> , 2018, 18, 64.	3.0	14
5	Architecture and usability of OntoKeeper, an ontology evaluation tool. <i>BMC Medical Informatics and Decision Making</i> , 2019, 19, 152.	3.0	14
6	Representing vaccine misinformation using ontologies. <i>Journal of Biomedical Semantics</i> , 2018, 9, 22.	1.6	12
7	Conceiving an application ontology to model patient human papillomavirus vaccine counseling for dialogue management. <i>BMC Bioinformatics</i> , 2019, 20, 706.	2.6	12
8	Using Machine Learning-Based Approaches for the Detection and Classification of Human Papillomavirus Vaccine Misinformation: Infodemiology Study of Reddit Discussions. <i>Journal of Medical Internet Research</i> , 2021, 23, e26478.	4.3	12
9	Developing VISO: Vaccine Information Statement Ontology for patient education. <i>Journal of Biomedical Semantics</i> , 2015, 6, 23.	1.6	11
10	Network Modeling of PrEP Uptake on Referral Networks and Health Venue Utilization Among Young Men Who Have Sex with Men. <i>AIDS and Behavior</i> , 2019, 23, 1698-1707.	2.7	11
11	Modulated evaluation metrics for drug-based ontologies. <i>Journal of Biomedical Semantics</i> , 2017, 8, 17.	1.6	10
12	NET-EXPO: A Gephi Plugin Towards Social Network Analysis of Network Exposure for Unipartite and Bipartite Graphs. <i>Communications in Computer and Information Science</i> , 2019, 1034, 3-12.	0.5	10
13	Understanding Information Needs and Barriers to Accessing Health Information Across All Stages of Pregnancy: Systematic Review. <i>JMIR Pediatrics and Parenting</i> , 2022, 5, e32235.	1.6	9
14	Lightweight predicate extraction for patient-level cancer information and ontology development. <i>BMC Medical Informatics and Decision Making</i> , 2017, 17, 73.	3.0	8
15	Towards an Ontology-based Medication Conversational Agent for PrEP and PEP. , 2020, 2020, 31-40.		8
16	Towards an Ontology-driven Framework to Enable Development of Personalized mHealth Solutions for Cancer Survivors' Engagement in Healthy Living. <i>Studies in Health Technology and Informatics</i> , 2015, 216, 113-7.	0.3	8
17	Using Pathfinder networks to discover alignment between expert and consumer conceptual knowledge from online vaccine content. <i>Journal of Biomedical Informatics</i> , 2017, 74, 33-45.	4.3	7
18	Network overlap and knowledge of a partner's HIV status among young men who have sex with men. <i>AIDS Care - Psychological and Socio-Medical Aspects of AIDS/HIV</i> , 2019, 31, 1533-1539.	1.2	7

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19	Friend of a Friend with Benefits ontology (FOAF+): extending a social network ontology for public health. BMC Medical Informatics and Decision Making, 2020, 20, 269.	3.0	7
20	Towards a HPV Vaccine Knowledgebase for Patient Education Content. Studies in Health Technology and Informatics, 2016, 225, 432-6.	0.3	7
21	OntoKeeper: Semiotic-driven Ontology Evaluation Tool For Biomedical Ontologists. , 2018, , .		6
22	Mining HPV Vaccine Knowledge Structures of Young Adults From Reddit Using Distributional Semantics and Pathfinder Networks. Cancer Control, 2020, 27, 107327481989144.	1.8	6
23	Conversational ontology operator: patient-centric vaccine dialogue management engine for spoken conversational agents. BMC Medical Informatics and Decision Making, 2020, 20, 259.	3.0	6
24	Examining Potential Usability and Health Beliefs Among Young Adults Using a Conversational Agent for HPV Vaccine Counseling. AMIA Summits on Translational Science Proceedings, 2020, 2020, 43-52.	0.4	6
25	Recognizing software names in biomedical literature using machine learning. Health Informatics Journal, 2020, 26, 21-33.	2.1	5
26	Collective Avoidance of Social and Health Venues and HIV Racial Inequities: Network Modeling of Venue Avoidance on Venue Affiliation, Social Networks, and HIV Risk. Health Education and Behavior, 2020, 47, 202-212.	2.5	4
27	Designing an ontology for emotion-driven visual representations. , 2017, , .		3
28	Expressing Biomedical Ontologies in Natural Language for Expert Evaluation. Studies in Health Technology and Informatics, 2017, 245, 838-842.	0.3	3
29	Knowledge-Based Approach for Named Entity Recognition in Biomedical Literature: A Use Case in Biomedical Software Identification. Lecture Notes in Computer Science, 2017, , 386-395.	1.3	2
30	Patient-Provider Communication Training Models for Interactive Speech Devices. Lecture Notes in Computer Science, 2021, 12777, 250-268.	1.3	2
31	VEO-Engine: Interfacing and Reasoning with an Emotion Ontology for Device Visual Expression. Communications in Computer and Information Science, 2018, 851, 349-355.	0.5	2
32	A health consumer ontology of fast food information. , 2020, 2020, 1714-1719.		2
33	The ontology of fast food facts: conceptualization of nutritional fast food data for consumers and semantic web applications. BMC Medical Informatics and Decision Making, 2021, 21, 275.	3.0	2
34	Ontology of Consumer Health Vocabulary: providing a formal and interoperable semantic resource for linking lay language and medical terminology. , 2019, , .		1
35	A Prototype Mobile Virtual Assistant for Semantic-Based Vaccine Information Retrieval. Lecture Notes in Computer Science, 2014, , 200-205.	1.3	1
36	Community-clinic linkages for promoting HIV prevention: organizational networks for PrEP client referrals and collaborations. AIDS Care - Psychological and Socio-Medical Aspects of AIDS/HIV, 2022, 34, 340-348.	1.2	0

#	ARTICLE	IF	CITATIONS
37	An Interactive Game for Changing Youth Behavior Regarding E-cigarettes. Communications in Computer and Information Science, 2020, , 512-518.	0.5	0
38	An Ontology-Powered Dialogue Engine For Patient Communication of Vaccines. CEUR Workshop Proceedings, 2019, 2427, 24-30.	2.3	0
39	Dental EHR-infused Persona Ontologies to Enrich Dental Dialogue Interaction of Agents. , 2021, 2021, 1818-1825.		0