

Marcia R Friesen

List of Publications by Year in descending order

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Version: 2024-02-01

20
papers

283
citations

1307594

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h-index

940533

16
g-index

23
all docs

23
docs citations

23
times ranked

337
citing authors

#	ARTICLE	IF	CITATIONS
1	Agent-Based Modeling of the Spread of Influenza-Like Illness in an Emergency Department: A Simulation Study. IEEE Transactions on Information Technology in Biomedicine, 2011, 15, 877-889.	3.2	58
2	A mHealth Application for Chronic Wound Care: Findings of a User Trial. International Journal of Environmental Research and Public Health, 2013, 10, 6199-6214.	2.6	41
3	Immigrants' integration and career development in the professional engineering workplace in the context of social and cultural capital. Engineering Studies, 2011, 3, 79-100.	1.3	37
4	Algorithms for Size and Color Detection of Smartphone Images of Chronic Wounds for Healthcare Applications. IEEE Access, 2015, 3, 1799-1808.	4.2	32
5	Vehicular Traffic Monitoring Using Bluetooth Scanning Over a Wireless Sensor Network. Canadian Journal of Electrical and Computer Engineering, 2014, 37, 135-144.	2.0	21
6	An mHealth App for Decision-Making Support in Wound Dressing Selection (WounDS): Protocol for a User-Centered Feasibility Study. JMIR Research Protocols, 2018, 7, e108.	1.0	20
7	A Survey of Agent-Based Modeling of Hospital Environments. IEEE Access, 2014, 2, 227-233.	4.2	18
8	Data Preparation for West Nile Virus Agent-Based Modelling: Protocol for Processing Bird Population Estimates and Incorporating ArcMap in AnyLogic. JMIR Research Protocols, 2017, 6, e138.	1.0	9
9	Advancing intercultural competency: Canadian engineering employers' experiences with immigrant engineers. European Journal of Engineering Education, 2013, 38, 219-227.	2.3	8
10	Impact Assessment of a Microprocessor Animation on Student Learning and Motivation in Computer Engineering. IEEE Transactions on Education, 2007, 50, 118-128.	2.4	7
11	Professional integration as a boundary crossing: changes to identity and practice in immigrant engineers in Canada. Engineering Studies, 2016, 8, 189-211.	1.3	5
12	Agent Based Modeling of "Crowdinforming" as a Means of Load Balancing at Emergency Departments. Online Journal of Public Health Informatics, 2010, 2, .	0.7	5
13	Action research: a methodology for transformative learning for a professor and his students in an engineering classroom. European Journal of Engineering Education, 2019, 44, 49-70.	2.3	4
14	GPU Accelerated Nature Inspired Methods for Modelling Large Scale Bi-directional Pedestrian Movement. , 2014, , .		3
15	Epistemological Tensions in Engineering Education Research: How do we Negotiate Them?. , 2018, , .		3
16	Agent Based Modelling and West Nile Virus: A Survey. Journal of Medical and Biological Engineering, 2019, 39, 178-183.	1.8	3
17	From Openstreetmap and Cell Phone Data to Road Network Simulation Models. , 2019, , .		2
18	A Prototype System for Real-Time Monitoring of Arctic Char in Indoor Aquaculture Operations: Possibilities & Challenges. IEEE Access, 2020, 8, 180815-180824.	4.2	2

#	ARTICLE	IF	CITATIONS
19	Transdisciplinary Design Build Studio Course in Collaboration with Shoal Lake 40 First Nation: Development and Assessment. , 2019, , .		1
20	Agent-Based Model with Visualization Tool to Study Boundless Connectivity Threshold. , 2014, , .		0