Lakpriya Alahakoon

List of Publications by Year
in descending order

24 papers	454 citations	623188 14 h-index	752256 20 g-index
26 all docs	26 docs citations	26 times ranked	351 citing authors

#	Article	IF	Citations
1	Self-Building Artificial Intelligence and Machine Learning to Empower Big Data Analytics in Smart Cities. Information Systems Frontiers, 2023, 25, 221-240.	4.1	30
2	A social media analytics perspective for human‐oriented smart city planning and management. Journal of the Association for Information Science and Technology, 2022, 73, 119-135.	1.5	6
3	Empathic conversational agents for real-time monitoring and co-facilitation of patient-centered healthcare. Future Generation Computer Systems, 2022, 126, 318-329.	4.9	17
4	An artificial intelligence life cycle: From conception to production. Patterns, 2022, 3, 100489.	3.1	24
5	A Mental Health Chatbot with Cognitive Skills for Personalised Behavioural Activation and Remote Health Monitoring. Sensors, 2022, 22, 3653.	2.1	31
6	A voice-based real-time emotion detection technique using recurrent neural network empowered feature modelling. Multimedia Tools and Applications, 2022, 81, 35173-35194.	2.6	20
7	A self structuring artificial intelligence framework for deep emotions modeling and analysis on the social web. Future Generation Computer Systems, 2021, 116, 302-315.	4.9	26
8	Understanding Citizens' Emotional Pulse in a Smart City Using Artificial Intelligence. IEEE Transactions on Industrial Informatics, 2021, 17, 2743-2751.	7.2	17
9	Deep Learning to Predict Energy Expenditure and Activity Intensity in Free Living Conditions using Wrist-specific Accelerometry. Journal of Sports Sciences, 2021, 39, 683-690.	1.0	4
10	Emotions of COVID-19: Content Analysis of Self-Reported Information Using Artificial Intelligence. Journal of Medical Internet Research, 2021, 23, e27341.	2.1	30
11	Value co-creation for open innovation: An evidence-based study of the data driven paradigm of social media using machine learning.. International Journal of Information Management Data Insights, 2021, 1, 100022.	6.5	30
12	Natural Language Processing‐Based Virtual Cofacilitator for Online Cancer Support Groups: Protocol for an Algorithm Development and Validation Study. JMIR Research Protocols, 2021, 10, e21453.	0.5	9
13	Hierarchical Two-Stream Growing Self-Organizing Maps With Transience for Human Activity Recognition. IEEE Transactions on Industrial Informatics, 2020, 16, 7756-7764.	7.2	21
14	Can online support groups address psychological morbidity of cancer patients? An artificial intelligence based investigation of prostate cancer trajectories. PLoS ONE, 2020, 15, e0229361.	1.1	16
15	Toward Intelligent Industrial Informatics: A Review of Current Developments and Future Directions of Artificial Intelligence in Industrial Applications. IEEE Industrial Electronics Magazine, 2020, 14, 57-72.	2.3	43
16	Discovering the influence of sarcasm in social media responses. Wiley Interdisciplinary Reviews: Data Mining and Knowledge Discovery, 2019, 9, e1331.	4.6	12
17	HT-GSOM: Dynamic Self-organizing Map with Transience for Human Activity Recognition. , 2019, , .		5
18	Wrist-specific accelerometry methods for estimating free-living physical activity. Journal of Science and Medicine in Sport, 2019, 22, 677-683.	0.6	13

#	Article	IF	Citations
19	The Patient-Reported Information Multidimensional Exploration (PRIME) Framework for Investigating Emotions and Other Factors of Prostate Cancer Patients with Low Intermediate Risk Based on Online Cancer Support Group Discussions. Annals of Surgical Oncology, 2018, 25, 1737-1745.	0.7	19
20	Robotic-assisted vs. open radical prostatectomy: A machine learning framework for intelligent analysis of patient-reported outcomes from online cancer support groups. Urologic Oncology: Seminars and Original Investigations, 2018, 36, 529.e1-529.e9.	0.8	10
21	Machine learning to support social media empowered patients in cancer care and cancer treatment decisions. PLoS ONE, 2018, 13, e0205855.	1.1	56
22	A multi-agent simulation framework for distributed generation with battery storage. , 2017, , .		1
23	A novel framework for automated, intelligent extraction and analysis of online support group discussions for cancer related outcomes. BJU International, 2017, 120, 59-61.	1.3	13
24	Using semantic relatedness measures with dynamic self-organizing maps for improved text clustering. , 2016, , .		0