

# Lakpriya Alahakoon

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8756546/publications.pdf>

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24  
papers

454  
citations

623188

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752256

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g-index

26  
all docs

26  
docs citations

26  
times ranked

351  
citing authors

#	ARTICLE	IF	CITATIONS
1	Machine learning to support social media empowered patients in cancer care and cancer treatment decisions. PLoS ONE, 2018, 13, e0205855.	1.1	56
2	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
3	A Mental Health Chatbot with Cognitive Skills for Personalised Behavioural Activation and Remote Health Monitoring. Sensors, 2022, 22, 3653.	2.1	31
4	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
5	Emotions of COVID-19: Content Analysis of Self-Reported Information Using Artificial Intelligence. Journal of Medical Internet Research, 2021, 23, e27341.	2.1	30
6	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
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	An artificial intelligence life cycle: From conception to production. Patterns, 2022, 3, 100489.	3.1	24
9	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
10	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
11	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
12	Understanding Citizens'™ Emotional Pulse in a Smart City Using Artificial Intelligence. IEEE Transactions on Industrial Informatics, 2021, 17, 2743-2751.	7.2	17
13	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
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	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
16	Wrist-specific accelerometry methods for estimating free-living physical activity. Journal of Science and Medicine in Sport, 2019, 22, 677-683.	0.6	13
17	Discovering the influence of sarcasm in social media responses. Wiley Interdisciplinary Reviews: Data Mining and Knowledge Discovery, 2019, 9, e1331.	4.6	12
18	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

#	ARTICLE	IF	CITATIONS
19	Natural Language Processingâ€”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
20	A social media analytics perspective for humanâ€”oriented smart city planning and management. Journal of the Association for Information Science and Technology, 2022, 73, 119-135.	1.5	6
21	HT-GSOM: Dynamic Self-organizing Map with Transience for Human Activity Recognition. , 2019, , .		5
22	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
23	A multi-agent simulation framework for distributed generation with battery storage. , 2017, , .		1
24	Using semantic relatedness measures with dynamic self-organizing maps for improved text clustering. , 2016, , .		0