

Chee Sun Liew

List of Publications by Year in descending order

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Version: 2024-02-01

40
papers

884
citations

687220

13
h-index

501076

28
g-index

43
all docs

43
docs citations

43
times ranked

1118
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|------|-----------|
| 1 | Big Data Reduction Methods: A Survey. Data Science and Engineering, 2016, 1, 265-284. | 4.6 | 130 |
| 2 | Scientific Workflows. ACM Computing Surveys, 2017, 49, 1-39. | 16.1 | 126 |
| 3 | A hybrid genetic algorithm for optimization of scheduling workflow applications in heterogeneous computing systems. Journal of Parallel and Distributed Computing, 2016, 87, 80-90. | 2.7 | 86 |
| 4 | Mining Personal Data Using Smartphones and Wearable Devices: A Survey. Sensors, 2015, 15, 4430-4469. | 2.1 | 71 |
| 5 | DeSigN: connecting gene expression with therapeutics for drug repurposing and development. BMC Genomics, 2017, 18, 934. | 1.2 | 62 |
| 6 | Towards next-generation heterogeneous mobile data stream mining applications: Opportunities, challenges, and future research directions. Journal of Network and Computer Applications, 2017, 79, 1-24. | 5.8 | 39 |
| 7 | m-Health for Early Detection of Oral Cancer in Low- and Middle-Income Countries. Telemedicine Journal and E-Health, 2020, 26, 278-285. | 1.6 | 34 |
| 8 | The impact of play on child development - a literature review. European Early Childhood Education Research Journal, 2018, 26, 625-643. | 1.2 | 33 |
| 9 | A Bandwidth-Aware Job Grouping-Based Scheduling on Grid Environment. Information Technology Journal, 2009, 8, 372-377. | 0.3 | 26 |
| 10 | Data-Intensive Workflow Optimization Based on Application Task Graph Partitioning in Heterogeneous Computing Systems. , 2014, , . | | 21 |
| 11 | A distributed architecture for data mining and integration. , 2009, , . | | 20 |
| 12 | A generic parallel processing model for facilitating data mining and integration. Parallel Computing, 2011, 37, 157-171. | 1.3 | 20 |
| 13 | An Automated Patient Self-Monitoring System to Reduce Health Care System Burden During the COVID-19 Pandemic in Malaysia: Development and Implementation Study. JMIR Medical Informatics, 2021, 9, e23427. | 1.3 | 20 |
| 14 | Towards optimising distributed data streaming graphs using parallel streams. , 2010, , . | | 18 |
| 15 | A Mean Convolutional Layer for Intrusion Detection System. Security and Communication Networks, 2020, 2020, 1-16. | 1.0 | 16 |
| 16 | Data-intensive architecture for scientific knowledge discovery. Distributed and Parallel Databases, 2012, 30, 307-324. | 1.0 | 15 |
| 17 | Learning through intuitive interface: A case study on preschool learning. Computers and Education, 2018, 126, 443-458. | 5.1 | 15 |
| 18 | High referral accuracy for oral cancers and oral potentially malignant disorders using telemedicine. Oral Diseases, 2023, 29, 380-389. | 1.5 | 15 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 19 | Dynamic Pricing Scheme for Resource Allocation in Multi-Cloud Environment. Malaysian Journal of Computer Science, 2017, 30, 1-17. | 0.5 | 13 |
| 20 | Optimization of data-intensive workflows in stream-based data processing models. Journal of Supercomputing, 2017, 73, 3901-3923. | 2.4 | 10 |
| 21 | Enhanced Software Development Effort and Cost Estimation Using Fuzzy Logic Model. Malaysian Journal of Computer Science, 2007, 20, 199-207. | 0.5 | 10 |
| 22 | Workflows in a Dashboard: A New Generation of Usability. , 2014, , . | | 9 |
| 23 | Execution Models for Mobile Data Analytics. IT Professional, 2017, 19, 24-30. | 1.4 | 9 |
| 24 | An Interoperable Component-Based Architecture for Data-Driven IoT System. Sensors, 2019, 19, 4354. | 2.1 | 9 |
| 25 | Utility and usability of an automated COVID-19 symptom monitoring system (CoSMoS) in primary care during COVID-19 pandemic: A qualitative feasibility study. International Journal of Medical Informatics, 2021, 155, 104567. | 1.6 | 9 |
| 26 | Frequent pattern mining in mobile devices: A feasibility study. , 2014, , . | | 8 |
| 27 | Performance database: capturing data for optimizing distributed streaming workflows. Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences, 2011, 369, 3268-3284. | 1.6 | 6 |
| 28 | UniMiner: Towards a unified framework for data mining. , 2014, , . | | 6 |
| 29 | GENIPAC: A Genomic Information Portal for Head and Neck Cancer Cell Systems. Journal of Dental Research, 2018, 97, 909-916. | 2.5 | 6 |
| 30 | Factors influencing healthcare seeking in patients with dengue: Systematic review. Tropical Medicine and International Health, 2022, 27, 13-27. | 1.0 | 4 |
| 31 | Device-centric adaptive data stream management and offloading for analytics applications in future internet architectures. Future Generation Computer Systems, 2021, 114, 155-168. | 4.9 | 3 |
| 32 | Accelerated implementation of teleconsultation services for the monitoring of oral potentially malignant disorders as a result of the COVID-19 pandemic. Oral Oncology, 2022, 126, 105730. | 0.8 | 3 |
| 33 | QuickCount [®] : a novel automated software for rapid cell detection and quantification. BioTechniques, 2018, 65, 322-330. | 0.8 | 2 |
| 34 | The establishment of the Asiaâ€œPacific Oral Cancer Networkâ€œ”Inaugural stakeholders' Meeting. Oral Diseases, 2020, 26, 1094-1097. | 1.5 | 2 |
| 35 | Barriers to early detection and management of oral cancer in the Asia Pacific region. Journal of Health Services Research and Policy, 2022, 27, 133-140. | 0.8 | 2 |
| 36 | Issues of Establishing a Campus-wide Computational Grid Infrastructure in the GERANIUM Project. , 0, , . | | 1 |

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|----|---|-----|-----------|
| 37 | Optimizing Workflow Task Clustering Using Reinforcement Learning. IEEE Access, 2021, 9, 110614-110626. | 2.6 | 1 |
| 38 | Federated Enactment of Workflow Patterns. Lecture Notes in Computer Science, 2010, , 317-328. | 1.0 | 1 |
| 39 | Image collection and annotation platforms to establish a multi-source database of oral lesions. Oral Diseases, 2023, 29, 2230-2238. | 1.5 | 1 |
| 40 | Appendix C: Component Definitions. , 0, , 531-536. | | 0 |