Meng-Leong How

List of Publications by Citations

13 papers	113 citations	7 h-index	10 g-index
13 ext. papers	155 ext. citations	2.4 avg, IF	3.68 L-index

#	Paper	IF	Citations
13	Educing AI-Thinking in Science, Technology, Engineering, Arts, and Mathematics (STEAM) Education. *Education Sciences*, **2019**, 9, 184	2.2	20
12	Analysis of linkages between an unplugged activity and the development of computational thinking. *Computer Science Education*, **2018**, 28, 255-279	1.8	20
11	Educational Policy and Implementation of Computational Thinking and Programming: Case Study of Singapore **2019**, 345-361		13
10	Educational Stakeholders Independent Evaluation of an Artificial Intelligence-Enabled Adaptive Learning System Using Bayesian Network Predictive Simulations. *Education Sciences*, **2019**, 9, 110	2.2	12
9	Artificial Intelligence-Enhanced Decision Support for Informing Global Sustainable Development: A Human-Centric AI-Thinking Approach. *Information (Switzerland)*, **2020**, 11, 39	2.6	12
8	Harnessing Entropy via Predictive Analytics to Optimize Outcomes in the Pedagogical System: An Artificial Intelligence-Based Bayesian Networks Approach. *Education Sciences*, **2019**, 9, 158	2.2	8
7	Predictive Insights for Improving the Resilience of Global Food Security Using Artificial Intelligence. *Sustainability*, **2020**, 12, 6272	3.6	7
6	Teachers Perceptions and Readiness to Teach Coding Skills: A Comparative Study Between Finland, Mainland China, Singapore, Taiwan, and South Korea. *Asia-Pacific Education Researcher*, **2020**, 29, 21-34	1.7	7
5	Future-Ready Strategic Oversight of Multiple Artificial Superintelligence-Enabled Adaptive Learning Systems via Human-Centric Explainable AI-Empowered Predictive Optimizations of Educational Outcomes. *Big Data and Cognitive Computing*, **2019**, 3, 46	3.5	6
4	Artificial Intelligence-Enabled Predictive Insights for Ameliorating Global Malnutrition: A Human-Centric AI-Thinking Approach. *AI*, **2020**, 1, 68-91	3.6	4
3	Artificial Intelligence-Enhanced Predictive Insights for Advancing Financial Inclusion: A Human-Centric AI-Thinking Approach. *Big Data and Cognitive Computing*, **2020**, 4, 8	3.5	3
2	Using Grey-based Mathematical Equations of Decision-making as Teaching Scaffolds: from an Unplugged Computational Thinking Activity to Computer Programming. *International Journal of Computer Science Education in Schools*, **2018**, 2, 29-46	0.6	1
1	Advancing Multidisciplinary STEM Education with Mathematics for Future-Ready Quantum Algorithmic Literacy. *Mathematics*, **2022**, 10, 1146	2.3	0