# Meng-Leong How

List of Publications by Year
in descending order

| 13 papers | 239 citations | 9 h-index | 12 g-index |
| --- | --- | --- | --- |
| 13 all docs | 13 docs citations | 13 times ranked | 157 citing authors |

| # | Article | IF | Citations |
|---|---------|----|-----------|
| 1 | Analysis of linkages between an unplugged activity and the development of computational thinking. Computer Science Education, 2018, 28, 255-279. | 2.7 | 41 |
| 2 | Educing AI-Thinking in Science, Technology, Engineering, Arts, and Mathematics (STEAM) Education. Education Sciences, 2019, 9, 184. | 1.4 | 36 |
| 3 | Educational Policy and Implementation of Computational Thinking and Programming: Case Study of Singapore. , 2019, , 345-361. | | 31 |
| 4 | Artificial Intelligence-Enhanced Decision Support for Informing Global Sustainable Development: A Human-Centric AI-Thinking Approach. Information (Switzerland), 2020, 11, 39. | 1.7 | 26 |
| 5 | Educational Stakeholdersâ€™ Independent Evaluation of an Artificial Intelligence-Enabled Adaptive Learning System Using Bayesian Network Predictive Simulations. Education Sciences, 2019, 9, 110. | 1.4 | 21 |
| 6 | Predictive Insights for Improving the Resilience of Global Food Security Using Artificial Intelligence. Sustainability, 2020, 12, 6272. | 1.6 | 20 |
| 7 | Artificial Intelligence-Enhanced Predictive Insights for Advancing Financial Inclusion: A Human-Centric AI-Thinking Approach. Big Data and Cognitive Computing, 2020, 4, 8. | 2.9 | 17 |
| 8 | Teacherâ€™s 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. | 2.2 | 15 |
| 9 | Harnessing Entropy via Predictive Analytics to Optimize Outcomes in the Pedagogical System: An Artificial Intelligence-Based Bayesian Networks Approach. Education Sciences, 2019, 9, 158. | 1.4 | 10 |
| 10 | 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. | 2.9 | 9 |
| 11 | Artificial Intelligence-Enabled Predictive Insights for Ameliorating Global Malnutrition: A Human-Centric AI-Thinking Approach. AI, 2020, 1, 68-91. | 2.1 | 9 |
| 12 | Advancing Multidisciplinary STEM Education with Mathematics for Future-Ready Quantum Algorithmic Literacy. Mathematics, 2022, 10, 1146. | 1.1 | 3 |
| 13 | 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. | 0.4 | 1 |