

# Chung-Kwan Lo

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8285038/publications.pdf>

Version: 2024-02-01

25  
papers

1,918  
citations

623574

14  
h-index

713332

21  
g-index

27  
all docs

27  
docs citations

27  
times ranked

1361  
citing authors

| #  | ARTICLE  | IF  | CITATIONS |
|----|--|-----|-----------|
| 1  | Flipped classroom improves student learning in health professions education: a meta-analysis. BMC Medical Education, 2018, 18, 38.   | 1.0 | 579       |
| 2  | A critical review of flipped classroom challenges in K-12 education: possible solutions and recommendations for future research. Research and Practice in Technology Enhanced Learning, 2017, 12, 4.                                     | 1.9 | 274       |
| 3  | Toward a set of design principles for mathematics flipped classrooms: A synthesis of research in mathematics education. Educational Research Review, 2017, 22, 50-73.  | 4.1 | 195       |
| 4  | Investigating the effects of gamification-enhanced flipped learning on undergraduate students' behavioral and cognitive engagement. Interactive Learning Environments, 2019, 27, 1106-1126.  | 4.4 | 166       |
| 5  | A comparison of flipped learning with gamification, traditional learning, and online independent study: the effects on students' mathematics achievement and cognitive engagement. Interactive Learning Environments, 2020, 28, 464-481. | 4.4 | 121       |
| 6  | Applying "First Principles of Instruction" as a design theory of the flipped classroom: Findings from a collective study of four secondary school subjects. Computers and Education, 2018, 118, 150-165.                                 | 5.1 | 104       |
| 7  | Where is the "theory" within the field of educational technology research?. British Journal of Educational Technology, 2019, 50, 956-971.  | 3.9 | 104       |
| 8  | Designing Unplugged and Plugged Activities to Cultivate Computational Thinking: An Exploratory Study in Early Childhood Education. Asia-Pacific Education Researcher, 2020, 29, 55-66.   | 2.2 | 80        |
| 9  | The impact of flipped classrooms on student achievement in engineering education: A meta-analysis of 10 years of research. Journal of Engineering Education, 2019, 108, 523-546.   | 1.9 | 75        |
| 10 | Grounding the flipped classroom approach in the foundations of educational technology. Educational Technology Research and Development, 2018, 66, 793-811.   | 2.0 | 35        |
| 11 | Meta-analyses of flipped classroom studies: A review of methodology. Educational Research Review, 2021, 33, 100393.  | 4.1 | 31        |
| 12 | Student Engagement in Mathematics Flipped Classrooms: Implications of Journal Publications From 2011 to 2020. Frontiers in Psychology, 2021, 12, 672610.   | 1.1 | 26        |
| 13 | Developing a flipped learning approach to support student engagement: A design-based research of secondary school mathematics teaching. Journal of Computer Assisted Learning, 2021, 37, 142-157.  | 3.3 | 24        |
| 14 | Comparing video styles and study strategies during video-recorded lectures: effects on secondary school mathematics students' preference and learning. Interactive Learning Environments, 2020, 28, 847-864.                             | 4.4 | 19        |
| 15 | Flipped Classroom and Gamification Approach: Its Impact on Performance and Academic Commitment on Sustainable Learning in Education. Sustainability, 2022, 14, 5428.   | 1.6 | 15        |
| 16 | Sustaining online academic discussions: Identifying the characteristics of messages that receive responses. Computers and Education, 2020, 156, 103938.  | 5.1 | 12        |
| 17 | Developing flipped learning resources to support secondary school mathematics teaching during the COVID-19 pandemic. Interactive Learning Environments, 2023, 31, 4787-4805.   | 4.4 | 11        |
| 18 | Systematic Reviews on Flipped Learning in Various Education Contexts. , 2020, , 129-143.   |     | 11        |

| #  | ARTICLE   | IF  | CITATIONS |
|----|---|-----|-----------|
| 19 | The Barriers of Technology Integration in Hong Kong Primary School English Education: Preliminary Findings and Recommendations for Future Practices. <i>International Journal of Languages Literature and Linguistics</i> , 2018, 4, 290-297. | 0.0 | 11        |
| 20 | Examining the Flipped Classroom through Action Research. <i>The Mathematics Teacher</i> , 2017, 110, 624-627.   | 0.1 | 9         |
| 21 | How to Sustain Quality Education in a Fully Online Environment: A Qualitative Study of Students' Perceptions and Suggestions. <i>Sustainability</i> , 2022, 14, 5112.   | 1.6 | 6         |
| 22 | Improving Experienced Mathematics Teachers' Classroom Talk: A Visual Learning Analytics Approach to Professional Development. <i>Sustainability</i> , 2021, 13, 8610.   | 1.6 | 4         |
| 23 | An Exploratory Study of Using the Next Generation Science Standards (NGSS) to flip Hong Kong Secondary School Science Education. , 2018, , .  |     | 3         |
| 24 | How Can Flipped Learning Continue in a Fully Online Environment? Lessons Learned During the COVID-19 Pandemic. <i>Primus</i> , 0, , 1-11.   | 0.3 | 3         |
| 25 | Improving Productive Classroom Talk Through Visual Learning Analytics Technology: A Case Study of an Award-Winning Mathematics Teacher. <i>Communications in Computer and Information Science</i> , 2020, , 213-224.                          | 0.4 | 0         |