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1570697704	A STEM Program Designed, Developed and Delivered for Upper Primary School Pupils in Singapore	Lee Kar Heng
1570700694	Assessment of Systems Requirements Specification Skills Based on an Industry Body of Knowledge	Andres Fortino; Tanusha Virodula
1570700696	Using Coding Competitions to Develop STEM Skills in Graduate Education	Andres Fortino; Maria Rivera
1570701354	Educating & Training STEM IT Professionals Based on the CDIO Standards Evolution	Alexander Zamyatin
1570701747	Comprehensive analysis of IEEE 802.11ah for Wireless Communication Networks	Aws Zuheer Yonis; Abdulrahman Tareed; Hamza Dweig
1570701825	The Science and Technology Wing: An Experiment for In-residence STEM Undergraduate Education	Jorge Santiago-Aviles; M'hamed Bokreta; Geraldine Light
1570702314	Implementing Blended Learning in K-12 Programming Course: Lesson Design and Student Feedback	Shuhan Zhang; Chunyu Cui
1570702375	Math & Crafts, Educational Activities: 400 Indigenous Kids Learning Math from Engineers and Scientists	Ernesto Vega Janica
1570702411	Asymptotics for Iterating the Lusztig-Vogan Bijection for $GL_n$ on Dominant Weights	Yuxiao Wang
1570702741	Broadening Participation in Computer Science through Sheltered Instruction Pedagogy	Patricia A Morreale; Mayra S Bachrach; Gail Verdi
1570702834	On the Generational Behavior of Gaussian Binomial Coefficients at Roots of Unity	Yuxiao Wang; Quanlin Chen
1570702846	An Examination of Industry Standards of Success within Penetration Testing Groups	Mollie Ducoste; Rachel Bleiman; Trinh Nguyen; Aunshul Rege
1570702863	Curriculum to Broaden Participation in Cybersecurity for Middle School Teachers and Students	Laurin Buchanan; Lori Scarlatos; Nataliia Telendii
1570702874	BEAT: Branding and Entrepreneurship of Assistive Technology for Social Good	Zhigang Zhu; Gerardo Blumenkrantz; Katherine Olives
1570702885	Augmented Running	Shane Murphy; Mihir Patel; John R Rogers
1570702886	Taking STEM Enrichment Camps Virtual: Strategies & Reflections from Quick Pivot due to COVID-19	Rebecca Lowe; Adrienne Smith; Christie Prout; Guenter Maresch; Christopher Bacot; Lura Sapp
1570702894	A new method for disinfection and sterilization of air and objects using an electrified mist	Helena Ai He; Kenneth He

1570702911	Understanding electronics and CT in school - a simplified method for drawing and building electronic circuits for the micro-bit and breadboards	Bjarke K M K Pedersen; Jacob Nielsen; Jørgen Larsen
1570703668	Training Workers to Thrive in Future Technology-Driven Environments: A Blueprint	Wenbing Zhao
1570703676	Retention of Undergraduate Women in Engineering: Key Factors and Interventions	Wenbing Zhao; Xiongyi Liu
1570704004	Augmented Reality Technology Projects of Tea Culture for China's Secondary Students	Hongyu Chen; Dan Sun; Xue Zhang; Yan Li
1570704145	Experiences on Incorporating Market Experiments into Energy System Education	Bolun Xu
1570704270	Identifying Positive Catalysts in the STEM Career Pipeline	Daniel C Appel; Ralph Tillinghast; Mo Mansouri
1570704284	STEM-Coding Using Drones	Justine Horst; Mehdi Roopaei
1570704437	Adapting a STEM Robotics Program to the Covid-19 Pandemic - an application for Systems Engineering	Neville E. Jacobs; Eric V Sudano; Dwight Bues; Gennaro Avvento; Ralph Tillinghast
1570704459	Water Footprint at Schools with Arduino Project: STEM and Sustainable Development Goals	Otacilio Antunes Santana; Caina Silva; Mayara Lima
1570704469	Immersive Technology in Integrating STEM Education	Mehdi Roopaei; Emilee Klaas
1570705773	A Voice Assistant for IoT Cybersecurity	Jeffrey Chavis; Malcolm K Doster, Jr.; Michelle S Feng; Syeda J Zeeshan; Samantha Fu; Elizabeth Aguirre; Antonio Davila; Kofi Nyarko; Aaron Kunz; Tracy Herriotts; Daniel P Syed; Lanier Watkins; Anna Buczak; Aviel Rubin
1570705777	The Go-Light Game as a Tool for Enhancing the Mental Skills Required in STEM Learning	William R English, PE
1570705798	How Do Students Learn Best? A Case Study of EGR244: Digital Logic Design	Golnoosh Kamali
1570706577	Towards an Adaptive Education system through a Machine Learning Recommendation System	Ossama Hashem Khamis Embarak
1570706581	Performance of Modified LMS Control Algorithm for Smart Antennas	Salah Dauga
1570706924	Use of Rubric and Assessment to Encourage Self-regulated Learning	Abrar Habib; Mona Ismail; Nuha Alzayani