

| | |
|---|-----------|
| Editorial | 997 |
| <i>Ahmad Ibrahim</i> | |
| Harnessing Generative AI to Enhance Feedback Quality in Peer Evaluations within Project-Based Learning Contexts | 998–1012 |
| <i>Susan Sajadi, Mark Huerta, Olivia Ryan and Katie Drinkwater</i> | |
| Effect of ChatGPT on Undergraduates' Cognitive and Performance Skills of Database Management Learning | 1013–1023 |
| <i>Ali Suwayid Alqarni</i> | |
| Students as Partners to Enhance an Introductory Course on the Engineering Profession: A Case Study | 1024–1035 |
| <i>Lawrence R. Chen, Mahmoud Amin, Celina Belleville, Mia Bruno, Maria Gostraya, Toufic Jrab, Mathias Pacheco Lemina, Diana Rekkas and Arin Yaffe</i> | |
| Statistical Analysis of the Curricula of Accredited Chemical Engineering Undergraduate Programs in China: Observations and Insights | 1036–1044 |
| <i>Zhenhua Yao, Qing Hu, Ruiquan Zhang and Maocong Hu</i> | |
| Factors Precluding the Adoption of a Pedagogical Innovation: An Engineering Case Study Showcasing the Implementation of Freeform | 1045–1061 |
| <i>Fredy R. Rodríguez-Mejía, Aldo A. Ferri, Edward J. Berger and Jeffrey F. Rhoads</i> | |
| Enhancing Skills Transfer for First-year Engineering Students in Higher Education | 1062–1075 |
| <i>Tlotlollo Sidwell Hlalele</i> | |
| The Effects of Professional Identity, Empathy with Nature, and Consideration of Future Consequences on Sustainability Consciousness among Chinese Undergraduate Engineering Students | 1076–1089 |
| <i>Lingling Lu, Hidayah Mohd Fadzil, Peng Yen Liew, An Jie Lye, Quanwang Wang and Chan Choong Foong</i> | |
| Impact of Business Simulation Games on Skills of Engineering Undergraduates | 1090–1100 |
| <i>Tea Borozan, Milica Maričić and Dragan Bjelica</i> | |
| Precollege Mathematics and Engineering Learning Outcomes: Implications for Equitable Preparation, Recruitment, and Retention | 1101–1113 |
| <i>Robert M. Capraro, Niyazi Erdogan, Luciana R. Barroso, Jamaal Young and Mary Margaret Capraro</i> | |
| Cultural (In)Congruence: How Black Women Navigate Individual, Academic, and Societal Dimensions of Engineering | 1114–1128 |
| <i>Brooke Coley, Meseret F. Hailu, Prince K. Kwarase and Ketu Tsotniashvili</i> | |
| Undergraduate Engineering Students' Understanding of Engineering Disciplines: An Empirical Study | 1129–1149 |
| <i>Sinan Onal and Ezra Temko</i> | |
| Measurement Model of Academic Mindsets for First-Year Engineering Students | 1150–1161 |
| <i>Breanna Graven, Patricia Ralston and Thomas Tretter</i> | |
| An International Overview of Teaching Control Systems During COVID-19 Pandemic | 1162–1180 |
| <i>José Luis Guzmán, Katarina Zakova, Ian Craig, Tore Hägglund, Daniel E. Rivera, Julio Normey-Rico, Paulo Moura-Oliveira, Liuping Wang, Atanas Serbezov, Takao Sato, and Antonio Visioli</i> | |
| Causes for the Asymmetric Adoption of Active Learning Methodologies in Engineering Education: A Rogers' Theory Perspective | 1181–1192 |
| <i>Borja Bordel, Ramón Alcarria and Calimanut-Ionut Cira</i> | |
| Organizational Learning in Adoption and Adaptation of Reformed Instructional Practices of Engineering Instructors: A Case Study | 1193–1208 |
| <i>Hong H. Tran, Edward J. Berger, Fredy Rodriguez-Mejia and Anyerson Cuervo-Basurto</i> | |
| Factors Influencing Career Decisions of High School Students in Japan: A Gender Perspective | 1209–1218 |
| <i>Yutaro Ohashi, May Kristine Jonson Carlon and Jeffrey Scott Cross</i> | |

| | |
|---|-----------|
| Teamwork Grade Individualization in Project-Based Learning Environments | 1219–1228 |
| <i>Lluc Canals Casals and Beatriz Amante García</i> | |
| Innovative Approach to Teaching Distributed Systems in Education 4.0 | 1229–1244 |
| <i>Safet Purkovic, Irfan Fetahovic, Edis Mekic, Gokmen Katipoglu and Semih Utku</i> | |
| Trends Affecting Curriculum Reform in Engineering Education: A Scoping Review | 1245–1261 |
| <i>Isabel Hilliger, Julian “Iñaki” Goñi and Catalina Cortázar</i> | |
| Assessing Industry-Critical Skill Development in Engineering Technology Capstone Courses | 1262–1272 |
| <i>Rustin Webster and Matthew Turner</i> | |
| Guide for Authors | 1273 |