Journal of Mathematics Education

Section on Teaching and Learning Mathematics
1 Using a Structured Instrument to Improve the Mathematical Confidence Levels of Female College Students  Michele Starkey
15 Making Mathematics Word Problems Reliable Measures of Student Mathematics Abilities  Enid Acosta-Tello
27 The Structure of Mathematics Lessons in China  Shuan Liao & Yimin Cao
41 How Chinese In-service Elementary Mathematics Teachers Gain Knowledge from Professional Development: A Focus Group Study  Song A. An & Gerald O. Kulm
58 Analysis of the Summary Step Used at the End of the Period in Classroom Teaching: From Two Teaching Cases  Jun Lu & Rongbao Tu
66 Prospective Elementary and Middle School Teachers’ Knowledge of Linear Functions: A Quantitative Approach  Zhixia You & Robert J. Quinn
77 Research on the Status Quo of Senior High School Math Teachers Implementing Teaching Materials in Huaihua City  Yunqin Gong
88 MCL to Discover More Mathematics from Real Life  Xici Wang & Hong Li
103 Training On Concept Mapping Skills in Geometry  Haiyue Jin & Khoon Yoong Wong

Section on Mathematics Education Comparison
119 The Cross-national Comparison of Pre-service Mathematics Teacher Education and Curriculum Structure  Jingan Chen & Zhenwu Mu
137 Comparison Study of High School Students’ Mathematics Between Han and Chaoxian Nationality  Meiyue Jin, Xuejiao Feng, Jinhua Liu, & Feng Dai

Section on Commentary and Ideas
151 Ethnomathematics and Its Integration within the Mathematics Curriculum  Weizhong Zhang & Qinqiong Zhang
158 Controversy on the Essence of Numerical Surface Form Processing  Mingliang Zhang, Jiwei Si, Xiaowen Zhu, & Xiaohua Xu
167 A Review of Instruments Created to Assess Affect in Mathematics  Scott A. Chamberlin