
Learning Processes and Mechanisms

© 2022
American
Psychological
Association

- 443 The Interdependency of Perceived Task Difficulty and the Choice Effect When Learning With Multimedia Materials
Sascha Schneider, Steve Nebel, Selina Meyer, and Günter Daniel Rey
- 462 Learning and Transfer Effects of Embodied Simulations Targeting Crosscutting Concepts in Science
Robb Lindgren, Jason W. Morphew, Jina Kang, James Planey, and José P. Mestre
- 482 Does Triggering Learners' Interest Make Them Overconfident?
Corwin Senko, Andrew H. Perry, and Melissa Greiser
- 498 Class Composition, Student Achievement, and the Role of the Learning Environment
Jeroen Lavrijsen, Jonas Dockx, Elke Struyf, and Karine Verschueren

Mathematics Learning and Teaching

- 513 The Role of Mathematical Language Skills in Arithmetic Fluency and Word-Problem Solving for First- and Second-Language Learners
Chang Xu, Anne Lafay, Heather Douglas, Sabrina Di Lonardo Burr, Jo-Anne LeFevre, Helena P. Osana, Sheri-Lynn Skwarchuk, Judith Wylie, Victoria Simms, and Erin A. Maloney
- 540 Earlier Understanding of Mathematical Equivalence in Elementary School Predicts Greater Algebra Readiness in Middle School
Caroline Byrd Hornburg, Brianna L. Devlin, and Nicole M. McNeil
- 560 Promoting Understanding of Measurement and Statistical Investigation Among Second-Grade Students With Mathematics Difficulties
Christian T. Doabler, Ben Clarke, Derek Kosty, Marah Sutherland, Jessica E. Turtura, Allison R. Firestone, Georgia L. Kimmel, Patrick Brott, Tasia L. Brafford, Nancy J. Nelson Fien, Keith Smolkowski, and Kathleen Jungjohann

Student Academic Achievement

- 576 Why Do Students Use Strategies That Hurt Their Chances of Academic Success? A Meta-Analysis of Antecedents of Academic Self-Handicapping
Malte Schwinger, Maike Trautner, Nadine Pütz, Salome Fabianek, Gunnar Lemmer, Fani Laueremann, and Linda Wirthwein
- 597 Grit and Academic Achievement: A Comparative Cross-Cultural Meta-Analysis
Kelly Ka Lai Lam and Mingming Zhou
- 622 High School Students' Tenacity and Flexibility in Goal Pursuit Linked to Life Satisfaction and Achievement on Competencies Tests
Baljinder K. Sahdra, Joseph Ciarrochi, Geetanjali Basarkod, Theresa Dicke, Jiesi Guo, Philip D. Parker, and Herbert W. Marsh

Teachers and Teaching

- 637 Profiles of Teachers' Striving and Wellbeing: Evolution and Relations With
Context Factors, Retention, and Professional Engagement
Mikaël De Clercq, Helen M. G. Watt, and Paul W. Richardson
- 656 The "Big Fish" From the Teacher's Perspective: A Closer Look at Reference Group
Effects on Teacher Judgments
Sebastian Bergold, Anne F. Weidinger, and Ricarda Steinmayr
-

Other

- 481 E-Mail Notification of Your Latest Issue Online!
- 461 Members of Underrepresented Groups: Reviewers for Journal Manuscripts Wanted
- 559 Subscription Order Information

Submit Your Manuscript

For the Instructions to Authors for *Journal of Educational Psychology*, please visit
<https://www.apa.org/pubs/journals/edu>.