# Peter A Edelsbrunner

List of Publications by Year
in descending order



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|---|---|---|---|
| 25 papers | 626 citations | 840776 11 h-index | 642732 23 g-index |
| 40 all docs | 40 docs citations | 40 times ranked | 796 citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Informative tools for characterizing individual differences in learning: Latent class, latent profile, and latent transition analysis. Learning and Individual Differences, 2018, 66, 4-15. | 2.7 | 148 |
| 2 | Crowdsourcing hypothesis tests: Making transparent how design choices shape research results.. Psychological Bulletin, 2020, 146, 451-479. | 6.1 | 87 |
| 3 | How to become a Bayesian in eight easy steps: An annotated reading list. Psychonomic Bulletin and Review, 2018, 25, 219-234. | 2.8 | 62 |
| 4 | Same data, different conclusions: Radical dispersion in empirical results when independent analysts operationalize and test the same hypothesis. Organizational Behavior and Human Decision Processes, 2021, 165, 228-249. | 2.5 | 51 |
| 5 | The Psychometric Modeling of Scientific Reasoning: a Review and Recommendations for Future Avenues. Educational Psychology Review, 2019, 31, 1-34. | 8.4 | 40 |
| 6 | Variable control and conceptual change: A large-scale quantitative study in elementary school. Learning and Individual Differences, 2018, 66, 38-53. | 2.7 | 32 |
| 7 | Improved application of the control-of-variables strategy as a collateral benefit of inquiry-based physics education in elementary school. Learning and Instruction, 2019, 59, 34-45. | 3.2 | 31 |
| 8 | Appreciating the Significance of Non-significant Findings in Psychology. Journal of European Psychology Students, 2019, 10, 1. | 0.5 | 27 |
| 9 | The joint influence of intelligence and practice on skill development throughout the life span. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 18363-18369. | 7.1 | 20 |
| 10 | The Relative Merits of Explicit and Implicit Learning of Contrasted Algebra Principles. Educational Psychology Review, 2018, 30, 531-558. | 8.4 | 18 |
| 11 | The relation between the control-of-variables strategy and content knowledge in physics in secondary school. Contemporary Educational Psychology, 2020, 63, 101923. | 2.9 | 17 |
| 12 | Epistemic Beliefs in Scienceâ€"A Systematic Integration of Evidence From Multiple Studies. Educational Psychology Review, 2022, 34, 1541-1575. | 8.4 | 15 |
| 13 | Early science learning: The effects of teacher talk. Learning and Instruction, 2021, 71, 101371. | 3.2 | 11 |
| 14 | Associations between risk behaviour and social status in European adolescents. European Journal of Developmental Psychology, 2015, 12, 189-203. | 1.8 | 9 |
| 15 | Inventory for the assessment of representational competence of vector fields. Physical Review Physics Education Research, 2021, 17, . | 2.9 | 9 |
| 16 | Making the invisible visible: Visualization of the connection between magnetic field, electric current, and Lorentz force with the help of augmented reality. Physics Teacher, 2020, 58, 438-439. | 0.3 | 8 |
| 17 | The Predictive Value of Children's Understanding of Indeterminacy and Confounding for Later Mastery of the Control-of-Variables Strategy. Frontiers in Psychology, 2020, 11, 531565. | 2.1 | 7 |
| 18 | Formal and Informal Learning and First-Year Psychology Studentsâ€™ Development of Scientific Thinking: A Two-Wave Panel Study. Frontiers in Psychology, 2017, 8, 133. | 2.1 | 6 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | The relation between working memory and mathematics performance among students in math-intensive STEM programs. Intelligence, 2022, 92, 101649. | 3.0 | 6 |
| 20 | The benefit of combining teacher-direction with contrasted presentation of algebra principles. European Journal of Psychology of Education, 2021, 36, 187-218. | 2.6 | 5 |
| 21 | Modelling for Prediction vs. Modelling for Understanding: Commentary on Musso et al. (2013). Frontline Learning Research, 2013, 1, . | 0.8 | 3 |
| 22 | Preventing interference: Reordering complexity in the learning of new concepts.. Journal of Educational Psychology, 2019, 111, 1202-1219. | 2.9 | 3 |
| 23 | Call for Papers â€œAdvancing the Reproducibility of Psychological Assessment Across Borders and Populationsâ€• European Journal of Psychological Assessment, 2019, 35, 295-296. | 3.0 | 1 |
| 24 | Childrenâ€™s Scientific Reasoning Skills in Light of General Cognitive Development. , 2022, , 585-605. | | 1 |
| 25 | Bidirectional Longitudinal Associations Between Cognitive Abilities and Social Relationships in Old Age. Innovation in Aging, 2020, 4, 576-576. | 0.1 | 0 |