

Matthias Stadler

List of Publications by Year in descending order

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Version: 2024-02-01

41
papers

1,166
citations

516215

16
h-index

433756

31
g-index

45
all docs

45
docs citations

45
times ranked

772
citing authors

#	ARTICLE	IF	CITATIONS
1	Simulation-Based Learning in Higher Education: A Meta-Analysis. <i>Review of Educational Research</i> , 2020, 90, 499-541.	4.3	291
2	The relative importance of proactive behaviors and outcomes for predicting newcomer learning, well-being, and work engagement. <i>Journal of Vocational Behavior</i> , 2014, 84, 318-331.	1.9	84
3	Complex problem solving and intelligence: A meta-analysis. <i>Intelligence</i> , 2015, 53, 92-101.	1.6	79
4	Technology-related teaching skills and attitudes: Validation of a scenario-based self-assessment instrument for teachers. <i>Computers in Human Behavior</i> , 2021, 115, 106625.	5.1	58
5	Knowledge as a formative construct: A good alpha is not always better. <i>New Ideas in Psychology</i> , 2021, 60, 100832.	1.2	51
6	The Role of Strategy Knowledge for the Application of Strategies in Complex Problem Solving Tasks. <i>Technology, Knowledge and Learning</i> , 2014, 19, 127-146.	3.1	48
7	Assessing complex problem-solving skills with multiple complex systems. <i>Thinking and Reasoning</i> , 2015, 21, 356-382.	2.1	46
8	On powerpointers, clickerers, and digital pros: Investigating the initiation of digital learning activities by teachers in higher education. <i>Computers in Human Behavior</i> , 2021, 119, 106715.	5.1	43
9	The assessment of collaborative problem solving in PISA 2015: Can computer agents replace humans?. <i>Computers in Human Behavior</i> , 2020, 104, 105624.	5.1	42
10	The assessment of collaborative problem solving in PISA 2015: An investigation of the validity of the PISA 2015 CPS tasks. <i>Computers and Education</i> , 2020, 157, 103964.	5.1	37
11	Sometimes less is more: Comparing the validity of complex problem solving measures. <i>Intelligence</i> , 2015, 50, 100-113.	1.6	32
12	Taking a Closer Look: An Exploratory Analysis of Successful and Unsuccessful Strategy Use in Complex Problems. <i>Frontiers in Psychology</i> , 2019, 10, 777.	1.1	28
13	Science knowledge and trust in medicine affect individuals' behavior in pandemic crises. <i>European Journal of Psychology of Education</i> , 2022, 37, 279-292.	1.3	27
14	Seeing is believing: Gender diversity in STEM is related to mathematics self-concept.. <i>Journal of Educational Psychology</i> , 2019, 111, 1119-1130.	2.1	24
15	Easily too difficult: Estimating item difficulty in computer simulated microworlds. <i>Computers in Human Behavior</i> , 2016, 65, 100-106.	5.1	22
16	Choosing between what you want now and what you want most: Self-control explains academic achievement beyond cognitive ability. <i>Personality and Individual Differences</i> , 2016, 94, 168-172.	1.6	21
17	Differentiating between static and complex problems: A theoretical framework and its empirical validation. <i>Intelligence</i> , 2019, 72, 1-12.	1.6	16
18	The logic of success: the relation between complex problem-solving skills and university achievement. <i>Higher Education</i> , 2018, 76, 1-15.	2.8	14

#	ARTICLE	IF	CITATIONS
19	First among equals: Log data indicates ability differences despite equal scores. <i>Computers in Human Behavior</i> , 2020, 111, 106442.	5.1	14
20	Computer-Based Collaborative Problem Solving in PISA 2015 and the Role of Personality. <i>Journal of Intelligence</i> , 2019, 7, 15.	1.3	13
21	The complex route to success: complex problem-solving skills in the prediction of university success. <i>Higher Education Research and Development</i> , 2016, 35, 365-379.	1.9	12
22	A systematic narrative review of International Posture: What is known and what still needs to be uncovered. <i>System</i> , 2020, 90, 102232.	1.7	12
23	Lost in transition – Learning analytics on the transfer from knowledge acquisition to knowledge application in complex problem solving. <i>Computers in Human Behavior</i> , 2021, 115, 106594.	5.1	11
24	Assessment of Diagnostic Competences With Standardized Patients Versus Virtual Patients: Experimental Study in the Context of History Taking. <i>Journal of Medical Internet Research</i> , 2021, 23, e21196.	2.1	11
25	Drivers of job satisfaction in midwifery – A work design approach. <i>Women and Birth</i> , 2022, 35, e348-e355.	0.9	11
26	The Newcomer Understanding and Integration Scale: Psychometric Evidence Across Six Samples. <i>Journal of Business and Psychology</i> , 2020, 35, 435-454.	2.5	10
27	Complex problem solving: Profiles and developmental paths revealed via latent transition analysis.. <i>Developmental Psychology</i> , 2019, 55, 2090-2101.	1.2	10
28	The right amount of pressure: Implementing time pressure in online exams. <i>Distance Education</i> , 2021, 42, 219-230.	2.5	9
29	Costs and Benefits of Newcomer Adjustment Tactics. <i>International Journal of Selection and Assessment</i> , 2015, 23, 160-173.	1.7	8
30	Home alone: Complex problem solving performance benefits from individual online assessment. <i>Computers in Human Behavior</i> , 2017, 68, 513-519.	5.1	8
31	Learners™ adjustment strategies following impasses in simulations - Effects of prior knowledge. <i>Learning and Instruction</i> , 2023, 83, 101632.	1.9	6
32	Sometimes More is Too Much: A Rejoinder to the Commentaries on Greiff et al. (2015). <i>Journal of Intelligence</i> , 2017, 5, 6.	1.3	5
33	Cross-Disciplinary Research on Learning and Instruction – Coming to Terms. <i>Frontiers in Psychology</i> , 2021, 11, 562658.	1.1	5
34	Transcranial Direct Current Stimulation (tDCS) for major depression – Interim analysis of cloud supervised technical data from the DepressionDC trial. <i>Brain Stimulation</i> , 2021, 14, 1234-1237.	0.7	5
35	Some critical reflections on the special issue: Collaboration in the 21st century: The theory, assessment, and teaching of collaborative problem solving. <i>Computers in Human Behavior</i> , 2020, 104, 106135.	5.1	4
36	New directions in the conceptualization and operationalization of the home learning environment.. <i>Journal of Educational Psychology</i> , 0, , .	2.1	4

#	ARTICLE	IF	CITATIONS
37	How working memory capacity and shifting matter for learning with worked examplesâ€”A replication study.. Journal of Educational Psychology, 2020, 112, 1320-1337.	2.1	3
38	Learning to solve ill-defined statistics problems: does self-explanation quality mediate the worked example effect?. Instructional Science, 2022, 50, 335-359.	1.1	3
39	Validly Authentic. European Journal of Psychological Assessment, 2021, 37, 419-422.	1.7	2
40	Editorial: Transdisciplinary Research on Learning and Teaching: Chances and Challenges. Frontiers in Psychology, 2021, 12, 696219.	1.1	1
41	Assessing Complex Problem-Solving Skills in Under 20 Minutes. Psychological Test Adaptation and Development, 0, , .	1.2	1