

# Kerry Lee

## List of Publications by Year in descending order

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84  
papers

2,928  
citations

235060

24  
h-index

163936

52  
g-index

87  
all docs

87  
docs citations

87  
times ranked

3292  
citing authors

#	ARTICLE	IF	CITATIONS
1	Developmental Changes in Executive Functioning. <i>Child Development</i> , 2013, 84, 1933-1953.	3.3	465
2	Executive Functioning and Mathematics Achievement. <i>Child Development Perspectives</i> , 2014, 8, 36-41.	4.0	373
3	Formation of a crystal nucleus from liquid. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, 14036-14041.	7.5	333
4	Infants prefer the musical meter of their own culture: A cross-cultural comparison.. <i>Developmental Psychology</i> , 2010, 46, 286-292.	1.5	141
5	The contributions of working memory and executive functioning to problem representation and solution generation in algebraic word problems.. <i>Journal of Educational Psychology</i> , 2009, 101, 373-387.	2.7	135
6	Working memory and literacy as predictors of performance on algebraic word problems. <i>Journal of Experimental Child Psychology</i> , 2004, 89, 140-158.	1.5	119
7	Developmental changes in working memory, updating, and math achievement.. <i>Journal of Educational Psychology</i> , 2016, 108, 869-882.	2.7	101
8	The cognitive underpinnings of emerging mathematical skills: Executive functioning, patterns, numeracy, and arithmetic. <i>British Journal of Educational Psychology</i> , 2012, 82, 82-99.	3.2	86
9	Do Different Levels of Inquiry Lead to Different Learning Outcomes? A comparison between guided and structured inquiry. <i>International Journal of Science Education</i> , 2014, 36, 1937-1959.	1.9	86
10	Exploring factors affecting academics' adoption of emerging mobile technologies-an extended UTAUT perspective. <i>Education and Information Technologies</i> , 2020, 25, 4615-4635.	6.0	78
11	Are patterns important? An investigation of the relationships between proficiencies in patterns, computation, executive functioning, and algebraic word problems.. <i>Journal of Educational Psychology</i> , 2011, 103, 269-281.	2.7	68
12	Self-efficacy, value, and achievement emotions as mediators between parenting practice and homework behavior: A control-value theory perspective. <i>Learning and Individual Differences</i> , 2016, 50, 275-282.	2.9	57
13	The Relationship between Stroop and Stop-Signal Measures of Inhibition in Adolescents: Influences from Variations in Context and Measure Estimation. <i>PLoS ONE</i> , 2014, 9, e101356.	2.5	55
14	Strategic differences in algebraic problem solving: Neuroanatomical correlates. <i>Brain Research</i> , 2007, 1155, 163-171.	2.3	51
15	Inhibiting interference from prior knowledge: Arithmetic intrusions in algebra word problem solving. <i>Learning and Individual Differences</i> , 2009, 19, 262-268.	2.9	47
16	Age, neuropsychological, and social cognitive measures as predictors of individual differences in susceptibility to the misinformation effect. <i>Applied Cognitive Psychology</i> , 2004, 18, 997-1019.	1.8	46
17	Updating and working memory training: Immediate improvement, long-term maintenance, and generalisability to non-trained tasks.. <i>Journal of Applied Research in Memory and Cognition</i> , 2015, 4, 121-128.	1.1	40
18	Photophysics of Glycosylated Derivatives of a Chlorin, Isobacteriochlorin and Bacteriochlorin for Photodynamic Theragnostics: Discovery of a Two-photon-absorbing Photosensitizer. <i>Photochemistry and Photobiology</i> , 2014, 90, 419-430.	2.6	37

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19	Incremental beliefs of ability, achievement emotions and learning of Singapore students. <i>Educational Psychology</i> , 2014, 34, 619-634.	2.8	36
20	Effects of trait test anxiety and state anxiety on children's working memory task performance. <i>Learning and Individual Differences</i> , 2015, 40, 141-148.	2.9	36
21	Central executive involvement in children's spatial memory. <i>Memory</i> , 2008, 16, 918-933.	1.7	35
22	Interaction between cognitive and non-cognitive factors: the influences of academic goal orientation and working memory on mathematical performance. <i>Educational Psychology</i> , 2014, 34, 73-91.	2.8	34
23	Children's task performance under stress and non-stress conditions: A test of the processing efficiency theory. <i>Cognition and Emotion</i> , 2010, 24, 1229-1238.	2.1	27
24	“That’s just impossible in my kindergarten.” Advocating for ‘glocal’ early childhood curriculum frameworks. <i>Policy Futures in Education</i> , 2021, 19, 155-174.	1.9	26
25	Fluid dynamic analysis of liquefied natural gas flow through a cryogenic ball valve in liquefied natural gas receiving stations. <i>Energy</i> , 2021, 226, 120376.	8.9	24
26	Factor structure of depressive symptoms using the EURO-D scale in the over-50s in Europe. Findings from the SHARE project. <i>Aging and Mental Health</i> , 2018, 22, 1477-1485.	2.8	22
27	Learning and solving algebra word problems: The roles of relational skills, arithmetic, and executive functioning.. <i>Developmental Psychology</i> , 2018, 54, 1758-1772.	1.5	19
28	Recognition memory for studied words is determined by cortical activation differences at encoding but not during retrieval. <i>NeuroImage</i> , 2004, 22, 1456-1465.	4.4	18
29	Working memory and numeracy training for children with math learning difficulties: Evidence from a large-scale implementation in the classroom.. <i>Journal of Educational Psychology</i> , 2022, 114, 1866-1880.	2.7	17
30	Inhibition and Mathematical Performance: Poorly Correlated, Poorly Measured, or Poorly Matched?. <i>Child Development Perspectives</i> , 2019, 13, 28-33.	4.0	16
31	Anti- $\beta$ 2-glycoprotein I antibody with DNA binding activity enters living monocytes via cell surface DNA and induces tissue factor expression. <i>Clinical and Experimental Immunology</i> , 2019, 195, 167-178.	2.6	16
32	Computing solutions to algebraic problems using a symbolic versus a schematic strategy. <i>ZDM - International Journal on Mathematics Education</i> , 2010, 42, 591-605.	2.2	15
33	Irrelevant information in math problems need not be inhibited: Students might just need to spot them. <i>Learning and Individual Differences</i> , 2017, 60, 46-55.	2.9	14
34	Teaching entrepreneurship in China: culture matters. <i>International Journal of Entrepreneurial Behaviour and Research</i> , 2021, 27, 1285-1310.	4.1	14
35	Modeling of two-flow interactions under SINR model in Multi-hop Wireless Networks. , 2008, , .		13
36	A Brain-Computer Interface for Mental Arithmetic Task from Single-Trial Near-Infrared Spectroscopy Brain Signals. , 2010, , .		13

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37	Rasch Modeling of the Test of Early Mathematics Ability—Third Edition With a Sample of K1 Children in Singapore. <i>Journal of Psychoeducational Assessment</i> , 2017, 35, 615-627.	1.6	13
38	Numerical magnitude understanding in kindergartners: A specific and sensitive predictor of later mathematical difficulties?. <i>Journal of Educational Psychology</i> , 2021, 113, 911-928.	2.7	12
39	From intentional to nascent student entrepreneurs: The moderating role of university entrepreneurial offerings. <i>Journal of Innovation &amp; Knowledge</i> , 2023, 8, 100305.	14.2	12
40	The Effects of Misleading and Inconsistent Postevent Information on Children's Recollections of Criterion-Learned Information. <i>Journal of Experimental Child Psychology</i> , 1999, 73, 161-182.	1.5	11
41	Breakfast and Exercise Improve Academic and Cognitive Performance in Adolescents. <i>Nutrients</i> , 2021, 13, 1278.	4.2	11
42	One-way Rayleigh-Wood anomalies and tunable narrowband transmission in photonic crystal gratings with broken structural symmetry. <i>Physical Review A</i> , 2013, 87, .	2.5	10
43	Exploring the technology teacher shortage in New Zealand: the implications for quality teaching and learning. <i>International Journal of Technology and Design Education</i> , 2022, 32, 1649-1658.	2.8	10
44	Planned approaches to business and school partnerships. Does it make a difference? The business perspective. <i>Evaluation and Program Planning</i> , 2016, 55, 35-45.	1.6	9
45	Automated Classification of Classroom Climate by Audio Analysis. <i>Lecture Notes in Electrical Engineering</i> , 2019, , 41-49.	0.0	9
46	Children's Susceptibility to Retroactive Interference: The Effects of Age and Degree of Learning. <i>Journal of Experimental Child Psychology</i> , 2001, 80, 372-391.	1.5	8
47	Test Anxiety and Children's Working Memory Task Performance: Does Trait or State Anxiety Matter More?. <i>Journal of Experimental Psychopathology</i> , 2016, 7, 374-390.	0.8	8
48	Do competitive performance goals and cooperative social goals conflict? A latent interaction analysis. <i>Learning and Individual Differences</i> , 2015, 39, 186-192.	2.9	7
49	Implicit beliefs of ability and maladaptive learning: does self-efficacy matter?. <i>Educational Psychology</i> , 2019, 39, 153-168.	2.8	7
50	Initial teacher education students's™ perceptions of technology and technology education in New Zealand. <i>International Journal of Technology and Design Education</i> , 2020, 30, 437-458.	2.8	7
51	Application of rough set-based neuro-fuzzy system in NIRS-based BCI for assessing numerical cognition in classroom. , 2010, , .		6
52	Informed metabolic engineering of oil crops using control analysis. <i>Biocatalysis and Agricultural Biotechnology</i> , 2014, 3, 49-52.	3.3	6
53	Attitudes and values of teachers and leaders towards entrepreneurship education. <i>Research Papers in Education</i> , 2023, 38, 690-714.	3.0	6
54	Promoting bilingualism and children's™ co-participation in Singapore language classrooms: Preschool teacher strategies and children's™ responses in Show-and-Tell. <i>Policy Futures in Education</i> , 2021, 19, 216-241.	1.9	5

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55	A theory of internationalisation practice in New Zealand and Indonesia: a rationality-relationality approach. <i>Globalisation, Societies and Education</i> , 2021, 19, 625-640.	2.4	5
56	Characteristics of effective entrepreneurship education post-COVID-19 in New Zealand primary and secondary schools: a Delphi study. <i>Entrepreneurship Education</i> , 2022, 5, 199-218.	2.5	5
57	So What Do Parents Want and Expect from a Technology Education Programme? – An Exploration. <i>International Journal of Technology and Design Education</i> , 2003, 13, 105-115.	2.8	4
58	Neuroscience and the Teaching of Mathematics. <i>Educational Philosophy and Theory</i> , 2011, 43, 81-86.	1.9	4
59	The west, the rest and the knowledge economy: a game worth playing?. <i>Perspectives: Policy and Practice in Higher Education</i> , 2018, 22, 58-67.	0.6	4
60	Examining the effectiveness of guided inquiry with problem-solving process and cognitive function training in a high school chemistry course. <i>Pedagogies</i> , 2019, 14, 126-149.	0.8	4
61	A systematic review of primary school teachers' experiences with digital technologies curricula. <i>Education and Information Technologies</i> , 2022, 27, 12585-12607.	6.0	4
62	Draw a Computing Student. , 2023, , .		4
63	The impact of entrepreneurship pedagogy on nascent student entrepreneurship: an entrepreneurial process perspective. <i>Studies in Higher Education</i> , 2024, 49, 62-83.	4.4	4
64	Initial teacher education students' conceptions of creativity in technology and science education: A large-scale New Zealand study. <i>Australasian Journal of Technology Education</i> , 2017, 4, .	0.1	3
65	Exposing the conditions of precarity: compounding victimization and marginalized young people. <i>Contemporary Justice Review: Issues in Criminal, Social, and Restorative Justice</i> , 2014, 17, 87-103.	0.4	2
66	Acceleration-based disturbance compensation for elastic rack-and-pinion drives. <i>Production Engineering</i> , 2021, 15, 791.	2.2	2
67	‘Next, it will be you’: Women's Fear of Victimization and Precautionary Safety Behaviors in Informal Settlement Communities in Nairobi, Kenya. <i>Violence Against Women</i> , 2021, , 107780122110457.	1.9	2
68	The Association between Fat Taste Sensitivity, Eating Habits, and Metabolic Health in Menopausal Women. <i>Nutrients</i> , 2021, 13, 4506.	4.2	2
69	Cortisol, depression, somatization and treatment choice. <i>Nordic Journal of Psychiatry</i> , 2008, 62, 332-332.	1.5	1
70	Chemical composition of needle and twig essential oils from <i>Pinus krempfii</i> Lecomte, an endemic species to Vietnam. <i>Journal of Essential Oil Research</i> , 2021, 33, 63-68.	2.7	1
71	Effects of salt and gel network structures on purple membrane stacking in hydrogels immobilized with poly(vinyl alcohol). <i>Journal of Applied Physics</i> , 2021, 129, 014701.	2.3	1
72	'Lalaga Faatasi Aua Le Manuia Mo Taea'o'. <i>International Journal of Adult Vocational Education and Technology</i> , 2015, 6, 36-51.	0.3	1

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73	The marau Hangarau (Māori-medium Technology curriculum): Why there isn't much research but why there should be!. Australasian Journal of Technology Education, 0, 6, .	0.1	1
74	Understanding the Gender Gap in Digital Technologies Education. , 2023, , .		1
75	A scoping review of research exploring teachersâ€™ experiences with Digital Technologies curricula. Journal of Research on Technology in Education, 0, , 1-19.	6.5	1
76	Utilisation of a Delphi study to understand effective entrepreneurship education in schools. SN Social Sciences, 2023, 3, .	0.8	1
77	Neuroscience and the Teaching of Mathematics. , 2011, , 80-85.		0
78	Directions for Mind, Brain, and Education: Methods, Models, and Morality. , 2011, , 55-65.		0
79	Individual Differences in Math Achievement: Finland and Singapore. Exploring Complexity, 2018, , 169-186.	0.0	0
80	Reducing Personal Business Failure Trauma for Students in Entrepreneurship Classes. International Journal of Adult Education and Technology, 2020, 11, 36-48.	0.3	0
81	Se hai fatto primo, hai fatto prima. Italiano Digitale, 2021, , .	0.0	0
82	Students from humanities and human sciences are basically the same arenâ€™t they? Cultural factors affecting entrepreneurship in Iran. Entrepreneurship Education, 0, , .	2.5	0
83	Indigenous Knowledge Systems in Aotearoa-New Zealand and the Development of the Māori Technology Curriculum. Contemporary Issues in Technology Education, 2023, , 169-183.	0.0	0
84	Identifying the predictors of four modes of using digital technologies at 8 years of age: limited, entertainment, creative and emergent. Behaviour and Information Technology, 0, , 1-23.	4.0	0