

# Barry J Fraser

## List of Publications by Year in descending order

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267  
papers

10,649  
citations

34493

54  
h-index

58552

86  
g-index

271  
all docs

271  
docs citations

271  
times ranked

3230  
citing authors

#	ARTICLE	IF	CITATIONS
1	Gender differences in classroom emotional climate and attitudes among students undertaking integrated STEM projects: a Rasch analysis. <i>Research in Science and Technological Education</i> , 2023, 41, 1051-1071.	1.4	10
2	Language learning environments and reading achievement among students in China: evidence from PISA 2018 data. <i>Learning Environments Research</i> , 2023, 26, 31-50.	1.8	6
3	Preservice teachers' perceptions of learning environments before and after pandemic-related course disruption. <i>Learning Environments Research</i> , 2022, 25, 343-357.	1.8	12
4	Gender differences among students undertaking iSTEM projects in multidisciplinary vs unidisciplinary STEM classrooms in government vs nongovernment schools: Classroom emotional climate and attitudes. <i>Learning Environments Research</i> , 2022, 25, 917-937.	1.8	7
5	University Students' Classroom Emotional Climate and Attitudes during and after COVID-19 Lockdown. <i>Education Sciences</i> , 2022, 12, 31.	1.4	5
6	Structural relationships between classroom emotional climate, teacher-student interpersonal relationships and students' attitudes to STEM. <i>Social Psychology of Education</i> , 2022, 25, 625-648.	1.2	5
7	Computer laboratory workshops as learning environments for university business statistics: validation of questionnaires. <i>Learning Environments Research</i> , 2021, 24, 389-407.	1.8	2
8	Improving learning environments through whole-school collaborative action research. <i>Learning Environments Research</i> , 2021, 24, 183-205.	1.8	7
9	Assessing Classroom Emotional Climate in STEM classrooms: developing and validating a questionnaire. <i>Learning Environments Research</i> , 2021, 24, 1-21.	1.8	13
10	Differential effectiveness of alternative middle-school science sequences for students of different ethnicities. <i>Learning Environments Research</i> , 2020, 23, 87-99.	1.8	3
11	Learning environments associated with technology-based science classrooms for gifted Singaporean females. <i>Learning Environments Research</i> , 2020, 23, 195-215.	1.8	4
12	Structural relationships between learning environments and students' non-cognitive outcomes: secondary analysis of PISA data. <i>Learning Environments Research</i> , 2020, 23, 395-412.	1.8	16
13	Flipped Instruction Among Medical Students in Singapore. <i>Springer Texts in Education</i> , 2020, , 269-285.	0.0	0
14	Students' perceptions of mathematics classroom learning environments: measurement and associations with achievement. <i>Learning Environments Research</i> , 2019, 22, 409-426.	1.8	9
15	Validity and use of the What Is Happening In this Class? (WIHIC) questionnaire in university business statistics classrooms. <i>Learning Environments Research</i> , 2019, 22, 275-295.	1.8	20
16	Learning environment, attitudes and anxiety across the transition from primary to secondary school mathematics. <i>Learning Environments Research</i> , 2019, 22, 133-152.	1.8	37
17	Learning environments research in English classrooms. <i>Learning Environments Research</i> , 2018, 21, 433-449.	1.8	27
18	Teachers' perceptions of the organisational climate: a tool for promoting instructional improvement. <i>School Leadership and Management</i> , 2018, 38, 323-344.	1.0	5

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19	Students'™ perceptions of the learning environment in tertiary science classrooms in Myanmar. Learning Environments Research, 2018, 21, 135-152.	1.8	17
20	Evaluation of engineering and technology activities in primary schools in terms of learning environment, attitudes and understanding. Learning Environments Research, 2018, 21, 285-300.	1.8	13
21	Evaluating online resources in terms of learning environment and student attitudes in middle-grade mathematics classes. Learning Environments Research, 2017, 20, 339-364.	1.8	8
22	A cross-national mixed-method study of reality pedagogy. Learning Environments Research, 2017, 20, 153-174.	1.8	5
23	Field-study science classrooms as positive and enjoyable learning environments. Learning Environments Research, 2017, 20, 1-20.	1.8	29
24	Teachers'™ views of their school climate and its relationship with teacher self-efficacy and job satisfaction. Learning Environments Research, 2016, 19, 291-307.	1.8	145
25	Applying the integrated trans-contextual model to mathematics activities in the classroom and homework behavior and attainment. Learning and Individual Differences, 2016, 45, 166-175.	1.5	67
26	Relationships between school climate and adolescent students'™ self-reports of ethnic and moral identity. Learning Environments Research, 2016, 19, 1-15.	1.8	20
27	Students'™ perceptions of school climate as determinants of wellbeing, resilience and identity. Improving Schools, 2016, 19, 5-26.	0.6	93
28	Effectiveness of student response systems in terms of learning environment, attitudes and achievement. Learning Environments Research, 2016, 19, 153-167.	1.8	26
29	Doctoral supervision in virtual spaces: A review of research of web-based tools to develop collaborative supervision. Higher Education Research and Development, 2016, 35, 172-188.	1.9	33
30	Effectiveness of Virtual Laboratories in Terms of Learning Environment, Attitudes and Achievement among High-School Genetics Students. Curriculum and Teaching, 2015, 30, 65-80.	0.1	11
31	Comparison of Alternative Sequencing of Middle-School Science Curriculum: Classroom Learning Environment and Student Attitudes. Curriculum and Teaching, 2015, 30, 23-36.	0.1	3
32	Environments for Education. , 2015, , 820-823.		3
33	Classroom Climate. , 2015, , 825-832.		4
34	Effectiveness of teaching strategies for engaging adults who experienced childhood difficulties in learning mathematics. Learning Environments Research, 2015, 18, 1-13.	1.8	13
35	Sex, grade-level and stream differences in learning environment and attitudes to science in Singapore primary schools. Learning Environments Research, 2015, 18, 143-161.	1.8	16
36	Classroom Learning Environments. , 2015, , 154-157.		17

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37	Learning environment associated with use of mixed mode delivery model among secondary business studies students in Singapore. Learning Environments Research, 2014, 17, 157-171.	1.8	21
38	Classroom Learning Environments. , 2014, , 1-4.		5
39	Parental involvement in schooling, classroom environment and student outcomes. Learning Environments Research, 2013, 16, 315-328.	1.8	15
40	Relationships between learning environment and mathematics anxiety. Learning Environments Research, 2013, 16, 297-313.	1.8	38
41	Effectiveness of National Board Certified (NBC) teachers in terms of classroom environment, attitudes and achievement among secondary science students. Learning Environments Research, 2013, 16, 1-21.	1.8	30
42	Studentsâ€™ perceptions of the learning environment and attitudes in game-based mathematics classrooms. Learning Environments Research, 2013, 16, 131-150.	1.8	96
43	Kindergarten studentsâ€™ and parentsâ€™ perceptions of science classroom environments: Achievement and attitudes. Learning Environments Research, 2013, 16, 151-167.	1.8	15
44	Subject and Sex Differences in the Learning Environment - Perceptions and Attitudes of Canadian Mathematics and Science Students Using Laptop Computers. Curriculum and Teaching, 2013, 28, 57-78.	0.1	5
45	Development and Validation of an English Classroom Learning Environment Inventory and its Application in China. , 2013, , 75-89.		11
46	Learning Environment, Mathematics Anxiety and Sex Differences. Curriculum and Teaching, 2012, 27, 5-20.	0.1	1
47	EFFECTIVENESS OF USING GAMES IN TERTIARY-LEVEL MATHEMATICS CLASSROOMS. International Journal of Science and Mathematics Education, 2012, 10, 1369-1392.	1.5	16
48	GENDER DIFFERENCES IN STUDENT MOTIVATION AND SELF-REGULATION IN SCIENCE LEARNING: A MULTI-GROUP STRUCTURAL EQUATION MODELING ANALYSIS. International Journal of Science and Mathematics Education, 2012, 10, 1347-1368.	1.5	39
49	Classroom Learning Environments: Retrospect, Context and Prospect. , 2012, , 1191-1239.		192
50	Using a New Learning Environment Questionnaire for Reflection in Teacher Action Research. Journal of Science Teacher Education, 2012, 23, 259-290.	1.4	60
51	Using a Learning Environment Perspective in Evaluating an Innovative Science Course for Prospective Elementary Teachers. , 2012, , 1305-1318.		3
52	Development and Validation of an Instrument to Measure Studentsâ€™ Motivation and Selfâ€™Regulation in Science Learning. International Journal of Science Education, 2011, 33, 2159-2179.	1.0	102
53	Relationships between the school-level and classroom-level environment in secondary schools in South Africa. South African Journal of Education, 2011, 31, 127-144.	0.3	6
54	Development, validation and application of a modified Arabic translation of the What Is Happening In this Class? (WIHIC) questionnaire. Learning Environments Research, 2010, 13, 105-125.	1.8	45

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55	A Cross-National Study of Secondary Science Classroom Environments in Australia and Indonesia. <i>Research in Science Education</i> , 2010, 40, 551-571.	1.4	86
56	Creating and Assessing Positive Classroom Learning Environments. <i>Childhood Education</i> , 2010, 86, 321-326.	0.1	14
57	Instructor-Student Interpersonal Interaction and Student Outcomes at the University Level in Indonesia~!2009-08-15~!2009-01-08~!2010-03-09~!. <i>The Open Education Journal</i> , 2010, 3, 21-33.	0.6	29
58	Science teachers' perceptions of the school environment: Gender differences. <i>Journal of Research in Science Teaching</i> , 2009, 46, 404-420.	2.0	31
59	Science laboratory classroom environments in Korean high schools. <i>Learning Environments Research</i> , 2009, 12, 67-84.	1.8	37
60	Psychosocial environment and affective outcomes in technology-rich classrooms: testing a causal model. <i>Social Psychology of Education</i> , 2009, 12, 77-99.	1.2	55
61	Classroom environment, achievement, attitudes and self-esteem in geography and mathematics in Singapore. <i>International Research in Geographical and Environmental Education</i> , 2009, 18, 29-44.	0.8	98
62	Utilising learning environment assessments to improve teaching practices among in-service teachers undertaking a distance-education programme. <i>South African Journal of Education</i> , 2009, 29, 147-170.	0.3	38
63	Learning Environment, Attitudes and Achievement among Middle-school Science Students Using Inquiry-based Laboratory Activities. <i>Research in Science Education</i> , 2008, 38, 321-341.	1.4	195
64	An evaluation of elementary school science kits in terms of classroom environment and student attitudes. <i>Journal of Elementary Science Education</i> , 2008, 20, 29-47.	0.5	13
65	NARST: a lived history. <i>Cultural Studies of Science Education</i> , 2008, 3, 157-207.	0.9	10
66	Using classroom psychosocial environment in the evaluation of adult computer application courses in Singapore. <i>Technology, Pedagogy and Education</i> , 2008, 17, 67-81.	3.3	33
67	Classroom environment and student outcomes among students using anthropometry activities in high school science. <i>Research in Science and Technological Education</i> , 2007, 25, 153-166.	1.4	34
68	Classroom, Home and Peer Environment Influences on Student Outcomes in Science and Mathematics: An analysis of systemic reform data. <i>International Journal of Science Education</i> , 2007, 29, 1891-1909.	1.0	60
69	Parent and student perceptions of classroom learning environment and its association with student outcomes. <i>Learning Environments Research</i> , 2007, 10, 67-82.	1.8	90
70	Learning environment, attitudes and conceptual development associated with innovative strategies in middle-school mathematics. <i>Learning Environments Research</i> , 2007, 10, 101-114.	1.8	69
71	Learning Environment and Attitudes Associated with an Innovative Science Course Designed for Prospective Elementary Teachers. <i>International Journal of Science and Mathematics Education</i> , 2007, 6, 163-190.	1.5	77
72	Development and Validation of an Instrument to Monitor the Implementation of Outcomes-based Learning Environments in Science Classrooms in South Africa. <i>International Journal of Science Education</i> , 2006, 28, 45-70.	1.0	40

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73	School-level environment and outcomes-based education in South Africa. <i>Learning Environments Research</i> , 2006, 9, 123-147.	1.8	39
74	STUDIES OF STUDENTS' PERCEPTIONS IN SCIENCE CLASSROOMS AT THE POST-COMPULSORY LEVEL. , 2006, , 161-194.		10
75	Evaluation of a K75 Mathematics Program Which Integrates Children's Literature: Classroom Environment and Attitudes. <i>International Journal of Science and Mathematics Education</i> , 2005, 3, 59-85.	1.5	23
76	Evaluation of an Innovative Mathematics Program in Terms of Classroom Environment, Student Attitudes, and Conceptual Development. <i>International Journal of Science and Mathematics Education</i> , 2005, 3, 267-293.	1.5	49
77	Development and Validation of an Instrument for Assessing Distance Education Learning Environments in Higher Education: The Distance Education Learning Environments Survey (DELES). <i>Learning Environments Research</i> , 2005, 8, 289-308.	1.8	182
78	Evaluating an Integrated Science Learning Environment Using the Constructivist Learning Environment Survey. <i>Learning Environments Research</i> , 2005, 8, 109-133.	1.8	76
79	Physical and Psychosocial Environments Associated with Networked Classrooms. <i>Learning Environments Research</i> , 2005, 8, 1-17.	1.8	65
80	Student Perceptions of Chemistry Laboratory Learning Environments, Student-Teacher Interactions and Attitudes in Secondary School Gifted Education Classes in Singapore. <i>Research in Science Education</i> , 2005, 35, 299-321.	1.4	55
81	An Online Questionnaire for Evaluating Students' and Teachers' Perceptions of Constructivist Multimedia Learning Environments. <i>Research in Science Education</i> , 2005, 35, 221-244.	1.4	29
82	Research on teacher-student relationships and learning environments: Context, retrospect and prospect. <i>International Journal of Educational Research</i> , 2005, 43, 103-109.	1.2	83
83	Learning environments in information and communications technology classrooms. <i>Technology, Pedagogy and Education</i> , 2004, 13, 97-123.	3.3	53
84	Culturally-Sensitive Factors in Teacher Trainees' Learning Environments. <i>Learning Environments Research</i> , 2004, 7, 165-181.	1.8	8
85	Teacher-Student Interactions in Korean High School Science Classrooms. <i>International Journal of Science and Mathematics Education</i> , 2003, 1, 67-85.	1.5	31
86	Emergence of Learning Environment Research in South Africa: Editors' Introduction. <i>Learning Environments Research</i> , 2003, 6, 229-230.	1.8	5
87	Learning Environments Research in Asia: Editor's Introduction. <i>Learning Environments Research</i> , 2003, 6, 1-3.	1.8	8
88	Classroom Learning Environments. , 2003, , 463-475.		38
89	LEARNING ENVIRONMENTS RESEARCH: YESTERDAY, TODAY AND TOMORROW. , 2002, , 1-25.		108
90	Title is missing!. <i>Learning Environments Research</i> , 2002, 5, 203-226.	1.8	42

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91	Changing Classroom Environments in Urban Middle Schools. Learning Environments Research, 2002, 5, 301-328.	1.8	52
92	Design, validation, and use of an evaluation instrument for monitoring systemic reform. Journal of Research in Science Teaching, 2001, 38, 646-662.	2.0	36
93	Twenty thousand hours: Editor' introduction. Learning Environments Research, 2001, 4, 1-5.	1.8	46
94	Interpersonal Behavior, Laboratory Learning Environments, and Student Outcomes in Senior Biology Classes. Journal of Research in Science Teaching, 2000, 37, 26-43.	2.0	79
95	A Cross-cultural Study of Classroom Learning Environments in Australia and Taiwan. Learning Environments Research, 2000, 3, 101-134.	1.8	139
96	Teacher Interpersonal Behavior and Elementary Students' Outcomes. Journal of Research in Childhood Education, 2000, 14, 216-231.	0.6	49
97	Classroom Environment and Teacher Interpersonal Behaviour in Secondary Science Classes in Korea. Evaluation and Research in Education, 2000, 14, 3-22.	0.5	124
98	Constructivist learning environments in a crossnational study in Taiwan and Australia. International Journal of Science Education, 2000, 22, 37-55.	1.0	140
99	Assessment and Investigation of Constructivist Science Learning Environments in Korea. Research in Science and Technological Education, 1999, 17, 239-249.	1.4	81
100	Investigating Classroom Environments in Taiwan and Australia With Multiple Research Methods. Journal of Educational Research, 1999, 93, 48-62.	0.8	226
101	Title is missing!. Learning Environments Research, 1998, 1, 199-229.	1.8	110
102	Classroom Environment Instruments: Development, Validity and Applications. Learning Environments Research, 1998, 1, 7-34.	1.8	491
103	The Launch of a New Journal: Editor's Introduction. Learning Environments Research, 1998, 1, 137-138.	1.8	1
104	Changes in Learning Environment during the Transition from Primary to Secondary School. Learning Environments Research, 1998, 1, 369-383.	1.8	45
105	The Birth of a New Journal: Editor's Introduction. Learning Environments Research, 1998, 1, 1-5.	1.8	66
106	Student gender, school size and changing perceptions of science learning environments during the transition from primary to secondary school. Research in Science Education, 1998, 28, 387-397.	1.4	15
107	Studentsâ€™ perceptions of teacher interpersonal style. Teaching and Teacher Education, 1998, 14, 607-617.	1.6	40
108	Relationships between Teacher-Student Interpersonal Behaviour and Teacher Personality. School Psychology International, 1998, 19, 99-119.	1.1	19

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109	Science Learning Environments: Assessment, Effects and Determinants. , 1998, , 527-561.		287
110	Qualitative and Quantitative Landscapes of Classroom Learning Environments. , 1998, , 623-640.		92
111	Relationship between schoolâ€level and classroomâ€level environments in secondary schools. Journal of Educational Administration, 1997, 35, 74-91.	0.8	29
112	Psychosocial environment of agricultural science classrooms in Nigeria. International Journal of Science Education, 1997, 19, 79-91.	1.0	12
113	A Multilevel Analysis of Learning Environments and Student Attitudes. Educational Psychology, 1997, 17, 449-468.	1.2	71
114	Assessment of Chemistry Laboratory Classroom Environments. Asia Pacific Journal of Education, 1997, 17, 41-58.	1.2	8
115	Classroom Environment in Australian Catholic and Government Secondary Schools. Curriculum and Teaching, 1997, 12, 3-14.	0.1	12
116	Differential Effectiveness of Computer-assisted Instruction for Boys and Girls. Asia Pacific Journal of Education, 1997, 17, 76-83.	1.2	1
117	Laboratory Environments & Student Outcomes in Senior High School Biology. American Biology Teacher, 1997, 59, 214-219.	0.1	33
118	Monitoring constructivist classroom learning environments. International Journal of Educational Research, 1997, 27, 293-302.	1.2	337
119	Factors affecting student career choice in science: An Australian study of rural and urban schools. Research in Science Education, 1997, 27, 195-214.	1.4	27
120	Validation of an Elementary School Version of the Questionnaire on Teacher Interaction. Psychological Reports, 1996, 79, 515-522.	0.9	42
121	Images of school through metaphor development and validation of a questionnaire. Journal of Educational Administration, 1996, 34, 41-53.	0.8	14
122	Environmentâ€Attitude Associations in the Chemistry Laboratory Classroom. Research in Science and Technological Education, 1996, 14, 91-102.	1.4	75
123	Use of classroom environment perceptions in evaluating inquiryâ€based computerâ€assisted learning. International Journal of Science Education, 1996, 18, 401-421.	1.0	77
124	Development and Validation of an Instrument for Assessing the Psychosocial Environment of Computer-Assisted Learning Classrooms. Journal of Educational Computing Research, 1995, 12, 177-193.	3.6	45
125	Evolution and validation of a personal form of an instrument for assessing science laboratory classroom environments. Journal of Research in Science Teaching, 1995, 32, 399-422.	2.0	156
126	International Review. Educational Technology Research and Development, 1995, 43, 90-94.	2.0	31



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127	Interpersonal behaviour in senior high school biology classes. <i>Research in Science Education</i> , 1995, 25, 125-133.	1.4	56
128	Assessment and investigation of science laboratory skills among year 5 students. <i>Research in Science Education</i> , 1995, 25, 253-266.	1.4	11
129	Associations between school-level environment and science classroom environment in secondary schools. <i>Research in Science Education</i> , 1995, 25, 333-351.	1.4	13
130	Using a Classroom Environment Instrument in an Early Childhood Classroom. <i>Australasian Journal of Early Childhood</i> , 1995, 20, 10-15.	0.8	8
131	Science laboratory skills among grade 9 students in Western Australia. <i>International Journal of Science Education</i> , 1995, 17, 27-44.	1.0	8
132	Science Laboratory Classroom Environments at Schools and Universities: A Cross-National Study—. <i>Educational Research and Evaluation</i> , 1995, 1, 289-317.	0.9	64
133	Psychosocial Climate and Student Outcomes in Elementary Mathematics Classrooms: A Multilevel Analysis. <i>Journal of Experimental Education</i> , 1995, 64, 29-40.	1.6	70
134	Associations between student outcomes and geography classroom environment. <i>International Research in Geographical and Environmental Education</i> , 1995, 4, 3-18.	0.8	16
135	Cross-Validation in Singapore of the Science Laboratory Environment Inventory. <i>Psychological Reports</i> , 1995, 76, 907-911.	0.9	21
136	Les classes de laboratoire scientifique Ã l'Ã cole et Ã l'universitÃ : une Ã tude transnationale. <i>Educational Research and Evaluation</i> , 1995, 1, 379-380.	0.9	0
137	An evaluation of computer-assisted learning in terms of achievement, attitudes and classroom environment. <i>Evaluation and Research in Education</i> , 1994, 8, 147-159.	0.5	55
138	Gender differences in science achievement: Do school effects make a difference?. <i>Journal of Research in Science Teaching</i> , 1994, 31, 857-871.	2.0	43
139	Altering socio-cultural beliefs hindering the learning of science. <i>Instructional Science</i> , 1994, 22, 137-152.	1.1	12
140	Effect sizes associated with micro-prolog-based computer-assisted learning. <i>Computers and Education</i> , 1994, 23, 187-196.	5.1	13
141	A Study of Computer-Assisted Learning Environments in Singapore. <i>Singapore Journal of Education</i> , 1994, 14, 26-41.	0.0	3
142	Use of classroom environment assessments in school psychology: A British perspective. <i>Psychology in the Schools</i> , 1993, 30, 232-240.	1.1	36
143	Development and cross-national validation of a laboratory classroom environment instrument for senior high school science. <i>Science Education</i> , 1993, 77, 1-24.	1.8	97
144	Assessing the psychosocial environment of science classes in Catholic secondary schools. <i>Research in Science Education</i> , 1993, 23, 61-67.	1.4	0

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145	Science Laboratory Classroom Climate in British Schools and Universities. <i>Research in Science and Technological Education</i> , 1993, 11, 49-70.	1.4	5
146	Socioeconomic and Gender Effects on Science Achievement: An Australian Perspective. <i>School Effectiveness and School Improvement</i> , 1993, 4, 265-289.	1.4	24
147	Associations Between Student Outcomes and Psychosocial Science Environment. <i>Journal of Educational Research</i> , 1993, 87, 78-85.	0.8	112
148	The Renewal of Science Teachers' Knowledge: a pilot professional development project. <i>Asia-Pacific Journal of Teacher Education</i> , 1993, 21, 169-177.	0.3	2
149	Learning Science with Understanding: in search of the Holy Grail?. <i>Research in Science and Technological Education</i> , 1992, 10, 65-81.	1.4	9
150	Chemistry Achievement among Grade 12 Students in Australia and the United States. <i>Research in Science and Technological Education</i> , 1992, 10, 131-141.	1.4	3
151	Psychosocial Environment of Science Laboratory Classrooms in Canadian Schools and Universities. <i>Canadian Journal of Education</i> , 1992, 17, 391.	0.3	4
152	Assessment of the psychosocial environment of university science laboratory classrooms: a cross-national study. <i>Higher Education</i> , 1992, 24, 431-451.	2.8	35
153	School Climate and Teacher Professional Development. <i>Asia-Pacific Journal of Teacher Education</i> , 1991, 19, 17-32.	0.3	46
154	Comparison of personal and class forms of the science laboratory environment inventory. <i>Research in Science Education</i> , 1991, 21, 244-252.	1.4	0
155	The Effects of Instruction on Science Students' Socio-Cultural Attitudes and Achievement. <i>Singapore Journal of Education</i> , 1990, 11, 12-18.	0.0	7
156	A retrospective account of the transition education program. <i>Australian Educational Researcher</i> , 1990, 17, 25-46.	1.6	0
157	Research into the environment of science laboratory classes in Australian schools. <i>Research in Science Education</i> , 1990, 20, 200-209.	1.4	8
158	What does it mean to be an exemplary science teacher?. <i>Journal of Research in Science Teaching</i> , 1990, 27, 3-25.	2.0	106
159	Tertiary Bridging Courses in Science and Mathematics for Second Chance Students in Australia. <i>Higher Education Research and Development</i> , 1990, 9, 85-100.	1.9	11
160	Professional Development Activities of the Key Centre for School Science and Mathematics. <i>Asia-Pacific Journal of Teacher Education</i> , 1990, 18, 65-74.	0.3	0
161	The learning environment as a focus in a study of higher-level cognitive learning. <i>International Journal of Science Education</i> , 1990, 12, 531-548.	1.0	5
162	Science Achievement of Girls in Single-sex and Co-educational Schools. <i>Research in Science and Technological Education</i> , 1990, 8, 5-20.	1.4	17

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163	Twenty years of classroom climate work: progress and prospect. <i>Journal of Curriculum Studies</i> , 1989, 21, 307-327.	1.2	139
164	Exemplary Grade 1 Mathematics Teaching: A Case Study. <i>Journal of Research in Childhood Education</i> , 1989, 4, 40-50.	0.6	3
165	Differences in the Psychosocial Work Environment of Different Types of Schools. <i>Journal of Research in Childhood Education</i> , 1989, 4, 5-17.	0.6	26
166	Evaluation of Impact of Early Literacy Inservice Course (ELIC) on Student Outcomes: Methodological Problems. <i>Asia-Pacific Journal of Teacher Education</i> , 1989, 17, 51-60.	0.3	1
167	Assessing and Improving the Psychosocial Environment of Mathematics Classrooms. <i>Journal for Research in Mathematics Education</i> , 1989, 20, 191.	1.0	14
168	Development of an instrument for assessing the psychosocial environment of science laboratory classes. <i>Research in Science Education</i> , 1989, 19, 123-132.	1.4	0
169	Influence of socio-cultural factors on secondary school students' attitude towards science. <i>Research in Science Education</i> , 1989, 19, 155-163.	1.4	10
170	A retrospective account of the development and evaluation processes of a science curriculum project. <i>Science Education</i> , 1989, 73, 25-44.	1.8	3
171	Barriers to higher-level cognitive learning in high school science. <i>Science Education</i> , 1989, 73, 659-682.	1.8	31
172	Case Studies of Exemplary Science and Mathematics Teaching. <i>School Science and Mathematics</i> , 1989, 89, 320-334.	0.5	14
173	Research syntheses on school and instructional effectiveness. <i>International Journal of Educational Research</i> , 1989, 13, 707-719.	1.2	24
174	Educational evaluation in Australia. <i>Studies in Educational Evaluation</i> , 1989, 15, 3-6.	1.2	0
175	Student perceptions of psychosocial environment in classrooms of exemplary science teachers. <i>International Journal of Science Education</i> , 1989, 11, 19-34.	1.0	32
176	The potential of case studies of exemplary mathematics teaching. <i>International Journal of Mathematical Education in Science and Technology</i> , 1989, 20, 885-896.	0.8	0
177	Learning in science: Qualitative and quantitative investigation in year 10 classrooms. <i>Research in Science Education</i> , 1988, 18, 227-235.	1.4	0
178	A Study of Exemplary Primary Science Teachers. <i>Research in Science and Technological Education</i> , 1988, 6, 25-38.	1.4	9
179	Investigations of exemplary practice in science and mathematics teaching in Western Australia. <i>Journal of Curriculum Studies</i> , 1988, 20, 369-371.	1.2	4
180	An Alternative Route to Higher Education: An Evaluation of the Senior Colleges in Western Australia. <i>Higher Education Research and Development</i> , 1988, 7, 37-48.	1.9	3

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181	Investigations of Exemplary Practice in High School Science and Mathematics. Australian Journal of Education, 1988, 32, 75-94.	0.9	26
182	An Investigation of Exemplary Biology Teaching. American Biology Teacher, 1988, 50, 142-147.	0.1	9
183	Assessing and improving school climate. Evaluation and Research in Education, 1988, 2, 109-122.	0.5	32
184	AN EVALUATION OF SOME SENIOR COLLEGES. Journal of Educational Administration, 1988, 26, 311-330.	0.8	0
185	Classroom learning environments and effective schooling.. Professional School Psychology, 1987, 2, 25-41.	0.4	13
186	Use of Classroom Environment Assessments in School Psychology. School Psychology International, 1987, 8, 205-219.	1.1	31
187	Effects of classroom environment on science attitudes: A cross-cultural replication in Indonesia. International Journal of Science Education, 1987, 9, 169-186.	1.0	14
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