

Barry J Fraser

List of Publications by Year in descending order

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267
papers

10,649
citations

30070

54
h-index

51608

86
g-index

271
all docs

271
docs citations

271
times ranked

2943
citing authors

#	ARTICLE	IF	CITATIONS
1	Classroom Environment Instruments: Development, Validity and Applications. Learning Environments Research, 1998, 1, 7-34.	2.8	491
2	Syntheses of educational productivity research. International Journal of Educational Research, 1987, 11, 147-252.	2.2	356
3	Monitoring constructivist classroom learning environments. International Journal of Educational Research, 1997, 27, 293-302.	2.2	337
4	Science Learning Environments: Assessment, Effects and Determinants. , 1998, , 527-561.		287
5	Predicting Studentsâ€™ Outcomes from Their Perceptions of Classroom Psychosocial Environment. American Educational Research Journal, 1982, 19, 498-518.	2.7	254
6	Investigating Classroom Environments in Taiwan and Australia With Multiple Research Methods. Journal of Educational Research, 1999, 93, 48-62.	1.6	226
7	Learning Environment, Attitudes and Achievement among Middle-school Science Students Using Inquiry-based Laboratory Activities. Research in Science Education, 2008, 38, 321-341.	2.3	195
8	Classroom Learning Environments: Retrospect, Context and Prospect. , 2012, , 1191-1239.		192
9	Development and Validation of an Instrument for Assessing Distance Education Learning Environments in Higher Education: The Distance Education Learning Environments Survey (DELES). Learning Environments Research, 2005, 8, 289-308.	2.8	182
10	Development of a test of science-related attitudes. Science Education, 1978, 62, 509-515.	3.0	161
11	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.	3.3	156
12	Teachersâ€™ views of their school climate and its relationship with teacher self-efficacy and job satisfaction. Learning Environments Research, 2016, 19, 291-307.	2.8	145
13	Constructivist learning environments in a crossnational study in Taiwan and Australia. International Journal of Science Education, 2000, 22, 37-55.	1.9	140
14	Twenty years of classroom climate work: progress and prospect. Journal of Curriculum Studies, 1989, 21, 307-327.	2.1	139
15	A Cross-cultural Study of Classroom Learning Environments in Australia and Taiwan. Learning Environments Research, 2000, 3, 101-134.	2.8	139
16	A comparison of actual and preferred classroom environments as perceived by science teachers and students. Journal of Research in Science Teaching, 1983, 20, 55-61.	3.3	131
17	Classroom Environment and Teacher Interpersonal Behaviour in Secondary Science Classes in Korea. Evaluation and Research in Education, 2000, 14, 3-22.	0.5	124
18	Development of an instrument for assessing classroom psychosocial environment at universities and colleges. Studies in Higher Education, 1986, 11, 43-54.	4.5	117

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19	Validity and use of an instrument for assessing classroom psychosocial environment in higher education. <i>Higher Education</i> , 1986, 15, 37-57.	4.4	117
20	Associations Between Student Outcomes and Psychosocial Science Environment. <i>Journal of Educational Research</i> , 1993, 87, 78-85.	1.6	112
21	Title is missing!. <i>Learning Environments Research</i> , 1998, 1, 199-229.	2.8	110
22	LEARNING ENVIRONMENTS RESEARCH: YESTERDAY, TODAY AND TOMORROW. , 2002, , 1-25.		108
23	What does it mean to be an exemplary science teacher?. <i>Journal of Research in Science Teaching</i> , 1990, 27, 3-25.	3.3	106
24	Use of actual and preferred Classroom Environment Scales in person-environment fit research.. <i>Journal of Educational Psychology</i> , 1983, 75, 303-313.	2.9	104
25	Using short forms of classroom climate instruments to assess and improve classroom psychosocial environment. <i>Journal of Research in Science Teaching</i> , 1986, 23, 387-413.	3.3	103
26	Development and Validation of an Instrument to Measure Students'™ Motivation and Self'™Regulation in Science Learning. <i>International Journal of Science Education</i> , 2011, 33, 2159-2179.	1.9	102
27	Validity and use of the my class inventory. <i>Science Education</i> , 1981, 65, 145-156.	3.0	100
28	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.	1.6	98
29	Development and cross-national validation of a laboratory classroom environment instrument for senior high school science. <i>Science Education</i> , 1993, 77, 1-24.	3.0	97
30	Students'™ perceptions of the learning environment and attitudes in game-based mathematics classrooms. <i>Learning Environments Research</i> , 2013, 16, 131-150.	2.8	96
31	Student and Teacher Perceptions of the Environment of Elementary School Classrooms. <i>Elementary School Journal</i> , 1985, 85, 567-580.	1.4	94
32	Students'™ perceptions of school climate as determinants of wellbeing, resilience and identity. <i>Improving Schools</i> , 2016, 19, 5-26.	1.0	93
33	Qualitative and Quantitative Landscapes of Classroom Learning Environments. , 1998, , 623-640.		92
34	Parent and student perceptions of classroom learning environment and its association with student outcomes. <i>Learning Environments Research</i> , 2007, 10, 67-82.	2.8	90
35	A Cross-National Study of Secondary Science Classroom Environments in Australia and Indonesia. <i>Research in Science Education</i> , 2010, 40, 551-571.	2.3	86
36	Research on teacher'™student relationships and learning environments: Context, retrospect and prospect. <i>International Journal of Educational Research</i> , 2005, 43, 103-109.	2.2	83

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37	Assessment and Investigation of Constructivist Science Learning Environments in Korea. <i>Research in Science and Technological Education</i> , 1999, 17, 239-249.	2.5	81
38	Interpersonal Behavior, Laboratory Learning Environments, and Student Outcomes in Senior Biology Classes. <i>Journal of Research in Science Teaching</i> , 2000, 37, 26-43.	3.3	79
39	Use of classroom environment perceptions in evaluating inquiry-based computer-assisted learning. <i>International Journal of Science Education</i> , 1996, 18, 401-421.	1.9	77
40	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.	2.5	77
41	Evaluating an Integrated Science Learning Environment Using the Constructivist Learning Environment Survey. <i>Learning Environments Research</i> , 2005, 8, 109-133.	2.8	76
42	Environmental Attitude Associations in the Chemistry Laboratory Classroom. <i>Research in Science and Technological Education</i> , 1996, 14, 91-102.	2.5	75
43	A Multilevel Analysis of Learning Environments and Student Attitudes. <i>Educational Psychology</i> , 1997, 17, 449-468.	2.7	71
44	Differences Between Student and Teacher Perceptions of Actual and Preferred Classroom Learning Environment. <i>Educational Evaluation and Policy Analysis</i> , 1982, 4, 511-519.	2.5	70
45	Psychosocial Climate and Student Outcomes in Elementary Mathematics Classrooms: A Multilevel Analysis. <i>Journal of Experimental Education</i> , 1995, 64, 29-40.	2.6	70
46	Learning environment, attitudes and conceptual development associated with innovative strategies in middle-school mathematics. <i>Learning Environments Research</i> , 2007, 10, 101-114.	2.8	69
47	Applying the integrated trans-contextual model to mathematics activities in the classroom and homework behavior and attainment. <i>Learning and Individual Differences</i> , 2016, 45, 166-175.	2.7	67
48	Psychosocial Learning Environment in Science Classrooms: A Review of Research. <i>Studies in Science Education</i> , 1981, 8, 67-92.	5.4	66
49	The Birth of a New Journal: Editor's Introduction. <i>Learning Environments Research</i> , 1998, 1, 1-5.	2.8	66
50	A Test of a Model of Educational Productivity among Senior High School Students. <i>Journal of Educational Research</i> , 1986, 79, 133-139.	1.6	65
51	Physical and Psychosocial Environments Associated with Networked Classrooms. <i>Learning Environments Research</i> , 2005, 8, 1-17.	2.8	65
52	Science Laboratory Classroom Environments at Schools and Universities: A Cross-National Study. <i>Educational Research and Evaluation</i> , 1995, 1, 289-317.	1.6	64
53	Student Perceptions of Preferred Classroom Learning Environment. <i>Journal of Educational Research</i> , 1986, 80, 10-18.	1.6	62
54	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.	1.9	60

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55	Using a New Learning Environment Questionnaire for Reflection in Teacher Action Research. <i>Journal of Science Teacher Education</i> , 2012, 23, 259-290.	2.5	60
56	DEVELOPMENT OF A SCHOOL-LEVEL ENVIRONMENT QUESTIONNAIRE. <i>Journal of Educational Administration</i> , 1983, 21, 21-39.	1.5	59
57	DEVELOPMENT OF SHORT FORMS OF SEVERAL CLASSROOM ENVIRONMENT SCALES. <i>Journal of Educational Measurement</i> , 1982, 19, 221-227.	1.2	58
58	Interpersonal behaviour in senior high school biology classes. <i>Research in Science Education</i> , 1995, 25, 125-133.	2.3	56
59	Validity and Use of the Classroom Environment Scale. <i>Educational Evaluation and Policy Analysis</i> , 1983, 5, 261-271.	2.5	55
60	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
61	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.	2.3	55
62	Psychosocial environment and affective outcomes in technology-rich classrooms: testing a causal model. <i>Social Psychology of Education</i> , 2009, 12, 77-99.	2.5	55
63	Development and validation of short forms of some instruments measuring student perceptions of actual and preferred classroom learning environment. <i>Science Education</i> , 1983, 67, 115-131.	3.0	54
64	Using Environmental Assessments to Make Better Classrooms. <i>Journal of Curriculum Studies</i> , 1981, 13, 131-144.	2.1	53
65	Learning environments in information and communications technology classrooms. <i>Technology, Pedagogy and Education</i> , 2004, 13, 97-123.	5.4	53
66	Changing Classroom Environments in Urban Middle Schools. <i>Learning Environments Research</i> , 2002, 5, 301-328.	2.8	52
67	Learning environment in curriculum evaluation: A review. <i>International Journal of Educational Research</i> , 1981, 5, 1-93.	0.1	50
68	Use of classroom and school climate scales in evaluating alternative high schools. <i>Teaching and Teacher Education</i> , 1987, 3, 219-231.	3.2	50
69	Teacher Interpersonal Behavior and Elementary Students' Outcomes. <i>Journal of Research in Childhood Education</i> , 2000, 14, 216-231.	1.0	49
70	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.	2.5	49
71	School Climate and Teacher Professional Development. <i>Asia-Pacific Journal of Teacher Education</i> , 1991, 19, 17-32.	0.3	46
72	Twenty thousand hours: Editor' introduction. <i>Learning Environments Research</i> , 2001, 4, 1-5.	2.8	46

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73	Development and Validation of an Instrument for Assessing the Psychosocial Environment of Computer-Assisted Learning Classrooms. <i>Journal of Educational Computing Research</i> , 1995, 12, 177-193.	5.5	45
74	Changes in Learning Environment during the Transition from Primary to Secondary School. <i>Learning Environments Research</i> , 1998, 1, 369-383.	2.8	45
75	Development, validation and application of a modified Arabic translation of the What Is Happening In this Class? (WIHIC) questionnaire. <i>Learning Environments Research</i> , 2010, 13, 105-125.	2.8	45
76	Gender differences in science achievement: Do school effects make a difference?. <i>Journal of Research in Science Teaching</i> , 1994, 31, 857-871.	3.3	43
77	Validation of an Elementary School Version of the Questionnaire on Teacher Interaction. <i>Psychological Reports</i> , 1996, 79, 515-522.	1.7	42
78	Title is missing!. <i>Learning Environments Research</i> , 2002, 5, 203-226.	2.8	42
79	Person-Environment Fit in Open Classrooms. <i>Journal of Educational Research</i> , 1980, 73, 159-167.	1.6	41
80	Relationship between perceived levels of classroom individualization and science-related attitudes. <i>Journal of Research in Science Teaching</i> , 1982, 19, 143-154.	3.3	41
81	Students' perceptions of teacher interpersonal style. <i>Teaching and Teacher Education</i> , 1998, 14, 607-617.	3.2	40
82	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.	1.9	40
83	Selection and validation of attitude scales for curriculum evaluation. <i>Science Education</i> , 1977, 61, 317-329.	3.0	39
84	School-level environment and outcomes-based education in South Africa. <i>Learning Environments Research</i> , 2006, 9, 123-147.	2.8	39
85	GENDER DIFFERENCES IN STUDENT MOTIVATION AND SELF-REGULATION IN SCIENCE LEARNING: A MULTI-GROUP STRUCTURAL EQUATION MODELING ANALYSIS. <i>International Journal of Science and Mathematics Education</i> , 2012, 10, 1347-1368.	2.5	39
86	Classroom Learning Environments. , 2003, , 463-475.		38
87	Relationships between learning environment and mathematics anxiety. <i>Learning Environments Research</i> , 2013, 16, 297-313.	2.8	38
88	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.	0.6	38
89	Science laboratory classroom environments in Korean high schools. <i>Learning Environments Research</i> , 2009, 12, 67-84.	2.8	37
90	Learning environment, attitudes and anxiety across the transition from primary to secondary school mathematics. <i>Learning Environments Research</i> , 2019, 22, 133-152.	2.8	37

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91	Use of classroom environment assessments in school psychology: A British perspective. <i>Psychology in the Schools</i> , 1993, 30, 232-240.	1.8	36
92	Design, validation, and use of an evaluation instrument for monitoring systemic reform. <i>Journal of Research in Science Teaching</i> , 2001, 38, 646-662.	3.3	36
93	Assessment of the psychosocial environment of university science laboratory classrooms: a cross-national study. <i>Higher Education</i> , 1992, 24, 431-451.	4.4	35
94	DIFFERENCES BETWEEN PREFERRED AND ACTUAL CLASSROOM ENVIRONMENT AS PERCEIVED BY PRIMARY STUDENTS AND TEACHERS. <i>British Journal of Educational Psychology</i> , 1984, 54, 336-339.	2.9	34
95	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.	2.5	34
96	Laboratory Environments & Student Outcomes in Senior High School Biology. <i>American Biology Teacher</i> , 1997, 59, 214-219.	0.2	33
97	Using classroom psychosocial environment in the evaluation of adult computer application courses in Singapore. <i>Technology, Pedagogy and Education</i> , 2008, 17, 67-81.	5.4	33
98	Doctoral supervision in virtual spaces: A review of research of web-based tools to develop collaborative supervision. <i>Higher Education Research and Development</i> , 2016, 35, 172-188.	2.9	33
99	Assessing and improving school climate. <i>Evaluation and Research in Education</i> , 1988, 2, 109-122.	0.5	32
100	Student perceptions of psychosocial environment in classrooms of exemplary science teachers. <i>International Journal of Science Education</i> , 1989, 11, 19-34.	1.9	32
101	Use of Classroom Environment Assessments in School Psychology. <i>School Psychology International</i> , 1987, 8, 205-219.	1.9	31
102	Barriers to higher-level cognitive learning in high school science. <i>Science Education</i> , 1989, 73, 659-682.	3.0	31
103	International Review. <i>Educational Technology Research and Development</i> , 1995, 43, 90-94.	2.8	31
104	Teacher-Student Interactions in Korean High School Science Classrooms. <i>International Journal of Science and Mathematics Education</i> , 2003, 1, 67-85.	2.5	31
105	Science teachers' perceptions of the school environment: Gender differences. <i>Journal of Research in Science Teaching</i> , 2009, 46, 404-420.	3.3	31
106	Effectiveness of National Board Certified (NBC) teachers in terms of classroom environment, attitudes and achievement among secondary science students. <i>Learning Environments Research</i> , 2013, 16, 1-21.	2.8	30
107	Relationship between school-level and classroom-level environments in secondary schools. <i>Journal of Educational Administration</i> , 1997, 35, 74-91.	1.5	29
108	An Online Questionnaire for Evaluating Students' and Teachers' Perceptions of Constructivist Multimedia Learning Environments. <i>Research in Science Education</i> , 2005, 35, 221-244.	2.3	29

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109	Field-study science classrooms as positive and enjoyable learning environments. <i>Learning Environments Research</i> , 2017, 20, 1-20.	2.8	29
110	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
111	Predictive validity of my class inventory. <i>Studies in Educational Evaluation</i> , 1982, 8, 129-140.	2.3	27
112	Factors affecting student career choice in science: An Australian study of rural and urban schools. <i>Research in Science Education</i> , 1997, 27, 195-214.	2.3	27
113	Learning environments research in English classrooms. <i>Learning Environments Research</i> , 2018, 21, 433-449.	2.8	27
114	Investigations of Exemplary Practice in High School Science and Mathematics. <i>Australian Journal of Education</i> , 1988, 32, 75-94.	1.5	26
115	Differences in the Psychosocial Work Environment of Different Types of Schools. <i>Journal of Research in Childhood Education</i> , 1989, 4, 5-17.	1.0	26
116	Effectiveness of student response systems in terms of learning environment, attitudes and achievement. <i>Learning Environments Research</i> , 2016, 19, 153-167.	2.8	26
117	Research syntheses on school and instructional effectiveness. <i>International Journal of Educational Research</i> , 1989, 13, 707-719.	2.2	24
118	Socioeconomic and Gender Effects on Science Achievement: An Australian Perspective. <i>School Effectiveness and School Improvement</i> , 1993, 4, 265-289.	2.9	24
119	Predicting learning from classroom individualization and actual-preferred congruence. <i>Studies in Educational Evaluation</i> , 1980, 6, 265-277.	2.3	23
120	Evaluation of a K?5 Mathematics Program Which Integrates Children?s Literature: Classroom Environment and Attitudes. <i>International Journal of Science and Mathematics Education</i> , 2005, 3, 59-85.	2.5	23
121	Development and validation of a test of enquiry skills. <i>Journal of Research in Science Teaching</i> , 1980, 17, 7-16.	3.3	22
122	Cross-Validation in Singapore of the Science Laboratory Environment Inventory. <i>Psychological Reports</i> , 1995, 76, 907-911.	1.7	21
123	Learning environment associated with use of mixed mode delivery model among secondary business studies students in Singapore. <i>Learning Environments Research</i> , 2014, 17, 157-171.	2.8	21
124	Use of WESâ€¦ to assess science teachersâ€™ perceptions of school environment. <i>European Journal of Science Education</i> , 1983, 5, 231-233.	1.1	20
125	Relationships between school climate and adolescent studentsâ€™ self-reports of ethnic and moral identity. <i>Learning Environments Research</i> , 2016, 19, 1-15.	2.8	20
126	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.	2.8	20

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127	Research on classroom learning environment in the 1970's and 1980's. Studies in Educational Evaluation, 1980, 6, 221-223.	2.3	19
128	Australian Research on Classroom Environment: State of the Art. Australian Journal of Education, 1981, 25, 238-268.	1.5	19
129	Effects of anxiety on science-related attitudes. European Journal of Science Education, 1982, 4, 441-450.	1.1	19
130	Anxiety in Science Classrooms: its measurement and relationship to classroom environment. Research in Science and Technological Education, 1983, 1, 201-208.	2.5	19
131	Predicting elementary science learning using national assessment data. Journal of Research in Science Teaching, 1986, 23, 699-706.	3.3	19
132	Relationships between Teacher-Student Interpersonal Behaviour and Teacher Personality. School Psychology International, 1998, 19, 99-119.	1.9	19
133	Use Of Student Perceptions In Facilitating Improvement In Classroom Environment. Australian Journal of Teacher Education, 1982, 7, .	0.6	18
134	Science Achievement of Girls in Single-sex and Co-educational Schools. Research in Science and Technological Education, 1990, 8, 5-20.	2.5	17
135	Students' perceptions of the learning environment in tertiary science classrooms in Myanmar. Learning Environments Research, 2018, 21, 135-152.	2.8	17
136	Classroom Learning Environments. , 2015, , 154-157.		17
137	Effects of occupational information on occupational perceptions. Journal of Vocational Behavior, 1977, 10, 53-68.	3.4	16
138	Determinants of Classroom Psychosocial Environments: A Review. Journal of Research in Childhood Education, 1986, 1, 5-19.	1.0	16
139	Associations between student outcomes and geography classroom environment. International Research in Geographical and Environmental Education, 1995, 4, 3-18.	1.6	16
140	EFFECTIVENESS OF USING GAMES IN TERTIARY-LEVEL MATHEMATICS CLASSROOMS. International Journal of Science and Mathematics Education, 2012, 10, 1369-1392.	2.5	16
141	Sex, grade-level and stream differences in learning environment and attitudes to science in Singapore primary schools. Learning Environments Research, 2015, 18, 143-161.	2.8	16
142	Structural relationships between learning environments and students' non-cognitive outcomes: secondary analysis of PISA data. Learning Environments Research, 2020, 23, 395-412.	2.8	16
143	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.	2.3	15
144	Parental involvement in schooling, classroom environment and student outcomes. Learning Environments Research, 2013, 16, 315-328.	2.8	15

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145	Kindergarten students'™ and parents'™ perceptions of science classroom environments: Achievement and attitudes. <i>Learning Environments Research</i> , 2013, 16, 151-167.	2.8	15
146	Predicting Students' Outcomes from Their Perceptions of Classroom Psychosocial Environment. <i>American Educational Research Journal</i> , 1982, 19, 498.	2.7	15
147	Effects of classroom environment on science attitudes: A cross-cultural replication in Indonesia. <i>International Journal of Science Education</i> , 1987, 9, 169-186.	1.9	14
148	Assessing and Improving the Psychosocial Environment of Mathematics Classrooms. <i>Journal for Research in Mathematics Education</i> , 1989, 20, 191.	1.8	14
149	Case Studies of Exemplary Science and Mathematics Teaching. <i>School Science and Mathematics</i> , 1989, 89, 320-334.	0.9	14
150	Images of school through metaphor development and validation of a questionnaire. <i>Journal of Educational Administration</i> , 1996, 34, 41-53.	1.5	14
151	Creating and Assessing Positive Classroom Learning Environments. <i>Childhood Education</i> , 2010, 86, 321-326.	0.1	14
152	INTUITIVE-THEORETICAL SCALES OF CONTENT AND CONTEXT SATISFACTION. <i>Personnel Psychology</i> , 1978, 31, 485-494.	2.8	13
153	Classroom learning environments and effective schooling.. <i>Professional School Psychology</i> , 1987, 2, 25-41.	0.4	13
154	Effect sizes associated with micro-prolog-based computer-assisted learning. <i>Computers and Education</i> , 1994, 23, 187-196.	8.3	13
155	Associations between school-level environment and science classroom environment in secondary schools. <i>Research in Science Education</i> , 1995, 25, 333-351.	2.3	13
156	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.	0.4	13
157	Effectiveness of teaching strategies for engaging adults who experienced childhood difficulties in learning mathematics. <i>Learning Environments Research</i> , 2015, 18, 1-13.	2.8	13
158	Evaluation of engineering and technology activities in primary schools in terms of learning environment, attitudes and understanding. <i>Learning Environments Research</i> , 2018, 21, 285-300.	2.8	13
159	Assessing Classroom Emotional Climate in STEM classrooms: developing and validating a questionnaire. <i>Learning Environments Research</i> , 2021, 24, 1-21.	2.8	13
160	Towards a Confluence of Quantitative and Qualitative Approaches to Curriculum Evaluation. <i>Journal of Curriculum Studies</i> , 1980, 12, 367-370.	2.1	12
161	Altering socio-cultural beliefs hindering the learning of science. <i>Instructional Science</i> , 1994, 22, 137-152.	2.0	12
162	Psychosocial environment of agricultural science classrooms in Nigeria. <i>International Journal of Science Education</i> , 1997, 19, 79-91.	1.9	12

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163	Classroom Environment in Australian Catholic and Government Secondary Schools. Curriculum and Teaching, 1997, 12, 3-14.	0.2	12
164	Preservice teachers'™ perceptions of learning environments before and after pandemic-related course disruption. Learning Environments Research, 2022, 25, 343-357.	2.8	12
165	Differences between Student and Teacher Perceptions of Actual and Preferred Classroom Learning Environment. Educational Evaluation and Policy Analysis, 1982, 4, 511.	2.5	12
166	The impact of ASEP on pupil learning and classroom climate. Research in Science Education, 1975, 5, 1-12.	2.3	11
167	Use of content analysis in examining changes in science education aims over time. Science Education, 1978, 62, 135-141.	3.0	11
168	A study of Indonesian students' perceptions of classroom psychosocial environment. International Review of Education, 1982, 28, 337-355.	2.1	11
169	Tertiary Bridging Courses in Science and Mathematics for Second Chance Students in Australia. Higher Education Research and Development, 1990, 9, 85-100.	2.9	11
170	Assessment and investigation of science laboratory skills among year 5 students. Research in Science Education, 1995, 25, 253-266.	2.3	11
171	Effectiveness of Virtual Laboratories in Terms of Learning Environment, Attitudes and Achievement among High-School Genetics Students. Curriculum and Teaching, 2015, 30, 65-80.	0.2	11
172	Development and Validation of an English Classroom Learning Environment Inventory and its Application in China. , 2013, , 75-89.		11
173	Measuring learning environment in individualized junior high school classrooms. Science Education, 1978, 62, 125-133.	3.0	10
174	Environmental factors affecting attitude toward different sources of scientific information. Journal of Research in Science Teaching, 1978, 15, 491-497.	3.3	10
175	Some Attitude Scales For Ninth Grade Science. School Science and Mathematics, 1978, 78, 379-384.	0.9	10
176	Influence of socio-cultural factors on secondary school students' attitude towards science. Research in Science Education, 1989, 19, 155-163.	2.3	10
177	NARST: a lived history. Cultural Studies of Science Education, 2008, 3, 157-207.	1.3	10
178	Gender differences in classroom emotional climate and attitudes among students undertaking integrated STEM projects: a Rasch analysis. Research in Science and Technological Education, 2023, 41, 1051-1071.	2.5	10
179	STUDIES OF STUDENTS' PERCEPTIONS IN SCIENCE CLASSROOMS AT THE POST-COMPULSORY LEVEL. , 2006, , 161-194.		10
180	A Study of Exemplary Primary Science Teachers. Research in Science and Technological Education, 1988, 6, 25-38.	2.5	9

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181	An Investigation of Exemplary Biology Teaching. <i>American Biology Teacher</i> , 1988, 50, 142-147.	0.2	9
182	Learning Science with Understanding: in search of the Holy Grail?. <i>Research in Science and Technological Education</i> , 1992, 10, 65-81.	2.5	9
183	Students' perceptions of mathematics classroom learning environments: measurement and associations with achievement. <i>Learning Environments Research</i> , 2019, 22, 409-426.	2.8	9
184	Developing subscales for a measure of student understanding of science. <i>Journal of Research in Science Teaching</i> , 1978, 15, 79-84.	3.3	8
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