

# Imelda S Caleon

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3930125/publications.pdf>

Version: 2024-02-01

33  
papers

697  
citations

623734

14  
h-index

580821

25  
g-index

33  
all docs

33  
docs citations

33  
times ranked

526  
citing authors

#	ARTICLE	IF	CITATIONS
1	Development and Application of a Three-Tier Diagnostic Test to Assess Secondary Students'™ Understanding of Waves. <i>International Journal of Science Education</i> , 2010, 32, 939-961.	1.9	149
2	Do Students Know What They Know and What They Don't Know? Using a Four-Tier Diagnostic Test to Assess the Nature of Students'™ Alternative Conceptions. <i>Research in Science Education</i> , 2010, 40, 313-337.	2.3	139
3	Attitudes towards science of intellectually gifted and mainstream upper primary students in Singapore. <i>Journal of Research in Science Teaching</i> , 2008, 45, 940-954.	3.3	63
4	The language attitudes of bilingual youth in multilingual Singapore. <i>Journal of Multilingual and Multicultural Development</i> , 2009, 30, 235-251.	1.7	42
5	Cross-Cultural Validation of the Academic Motivation Scale: A Singapore Investigation. <i>Child Indicators Research</i> , 2015, 8, 925-942.	2.3	37
6	Does Teaching Experience Matter? The Beliefs and Practices of Beginning and Experienced Physics Teachers. <i>Research in Science Education</i> , 2018, 48, 117-149.	2.3	27
7	School Psychological Capital: Instrument Development, Validation, and Prediction. <i>Child Indicators Research</i> , 2021, 14, 341-367.	2.3	27
8	Relationships of Cognitive and Metacognitive Learning Strategies to Mathematics Achievement in Four High-Performing East Asian Education Systems. <i>Journal of Genetic Psychology</i> , 2013, 174, 696-702.	1.2	20
9	Positive Education in Asia. <i>Asia-Pacific Education Researcher</i> , 2016, 25, 361-365.	3.7	17
10	Cascading Effects of Gratitude: A Sequential Mediation Analysis of Gratitude, Interpersonal Relationships, School Resilience and School Well-being. <i>Asia-Pacific Education Researcher</i> , 2019, 28, 303-312.	3.7	17
11	The impact of a cryogenics-based enrichment programme on attitude towards science and the learning of science concepts. <i>International Journal of Science Education</i> , 2005, 27, 679-704.	1.9	16
12	Attitudes towards Literary Tamil and Standard Spoken Tamil in Singapore. <i>International Journal of Bilingual Education and Bilingualism</i> , 2007, 10, 58-79.	2.1	16
13	Augmenting Learning in an Out-of-school Context: The Cognitive and Affective Impact of Two Cryogenics-based Enrichment Programmes on Upper Primary Students. <i>Research in Science Education</i> , 2007, 37, 333-351.	2.3	16
14	Problem Finding in Professional Learning Communities: A Learning Study Approach. <i>Scandinavian Journal of Educational Research</i> , 2016, 60, 127-146.	1.7	16
15	Nurturing grateful and connected twenty-first century learners: development and evaluation of a socially oriented gratitude intervention. <i>Asia Pacific Journal of Education</i> , 2017, 37, 567-581.	2.1	14
16	From Pythagoras to Sauveur: tracing the history of ideas about the nature of sound. <i>Physics Education</i> , 2007, 42, 173-179.	0.5	10
17	Personal strengths and perceived teacher support as predictors of Singapore students'™ academic risk status. <i>Educational Psychology</i> , 2017, 37, 983-1000.	2.7	10
18	Exploring Students' Conceptualization of the Propagation of Periodic Waves. <i>Physics Teacher</i> , 2010, 48, 55-59.	0.3	9

#	ARTICLE	IF	CITATIONS
19	Positive Emotions Predict Students' Well-Being and Academic Motivation: The Broaden-and-Build Approach. , 2016, , 485-501.		7
20	Measuring critical musicality. Music Education Research, 2018, 20, 531-545.	1.4	6
21	Addressing students' alternative conceptions on the propagation of periodic waves using a refutational text. Physics Education, 2013, 48, 657-663.	0.5	5
22	Dealing with the Ambiguities of Science Inquiry. Physics Teacher, 2016, 54, 168-171.	0.3	5
23	The Cross-Lagged Relations Between Teacher-Student Relatedness and Reading Achievement of Academically At-Risk Students. Journal of Early Adolescence, 2019, 39, 717-744.	1.9	5
24	Examining the Phenomenon of Resilience in Schools. European Journal of Psychological Assessment, 2021, 37, 52-64.	3.0	5
25	From Music to Physics: The Undervalued Legacy of Pythagoras. Science and Education, 2008, 17, 449-456.	2.7	4
26	Academically At-risk Adolescents in Singapore: The Importance of Teacher Support in Promoting Academic Engagement. , 2016, , 519-539.		4
27	The Debate Over Literary Tamil Versus Standard Spoken Tamil: What Do Teachers Say?. Journal of Language, Identity and Education, 2009, 8, 221-235.	2.4	3
28	Liquid nitrogen turns down the temperature on gas-law demos. Physics Education, 2004, 39, 324-326.	0.5	2
29	Revisiting the bell-jar demonstration. Physics Education, 2013, 48, 247-251.	0.5	2
30	Learning and Instruction Research in the Asia-Pacific Region from 2002 to 2011: Examining Trends, Authors, and Institutions. Asia-Pacific Education Researcher, 2015, 24, 719-730.	3.7	2
31	Navigating challenges during Covid-19 pandemic: experiences and coping strategies of Singapore students. Educational and Developmental Psychologist, 2023, 40, 63-73.	0.7	2
32	Having fun with liquid nitrogen. Physics Education, 2005, 40, 509-511.	0.5	0
33	Probably the coolest demonstrations you will do today in the laboratory. Physics Education, 2006, 41, 371-372.	0.5	0