Chris Rasmussen

List of Publications by Year
in descending order

27	916	623734 14	580821 25
papers	citations	h-index	g-index

28	28	28	693
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Collectively engaging with othersâ€™ reasoning: Building intuition through argumentation in a paradoxical situation. International Journal of Research in Undergraduate Mathematics Education, 2023, 9, 666-693.	1.8	1
2	The refiguring of studentsâ€™ mathematical identities: a mixed methods study of three tailored calculus courses. International Journal of Mathematical Education in Science and Technology, 2022, 53, 3286-3306.	1.4	3
3	Course CoordinatorÂOrientations Toward their Work and Opportunities for Professional Development. Innovative Higher Education, 2022, 47, 327-346.	2.5	3
4	Instructional leadership structures across five university departments. Higher Education, 2021, 81, 865-887.	4.4	10
5	Undergraduate course variations in precalculus through Calculus 2. International Journal of Mathematical Education in Science and Technology, 2020, 51, 858-875.	1.4	10
6	Time for (Research on) Change in Mathematics Departments. International Journal of Research in Undergraduate Mathematics Education, 2020, 6, 147-158.	1.8	18
7	Leveraging the design heuristics of realistic mathematics education and culturally responsive pedagogy to create a richer flipped classroom calculus curriculum. ZDM - International Journal on Mathematics Education, 2020, 52, 1051-1062.	2.2	24
8	Ways in which engaging with someone elseâ€™s reasoning is productive. Journal of Mathematical Behavior, 2020, 58, 100742.	0.9	9
9	The Sierpinski smoothie: blending area and perimeter. Educational Studies in Mathematics, 2019, 101, 19-34.	2.8	3
10	I on the Prize: Inquiry Approaches in Undergraduate Mathematics. International Journal of Research in Undergraduate Mathematics Education, 2019, 5, 129-146.	1.8	125
11	Brief Report: Characteristics of Precalculus Through Calculus 2 Programs: Insights From a National Census Survey. Journal for Research in Mathematics Education, 2019, 50, 98-111.	1.8	42
12	A characterization of a unified notion of mathematical function: the case of high school function and linear transformation. Educational Studies in Mathematics, 2017, 95, 21-38.	2.8	25
13	Towards the STEM DBER Alliance: Why we Need a Discipline-Based STEM Education Research Community. International Journal of Research in Undergraduate Mathematics Education, 2017, 3, 247-254.	1.8	7
14	RE: Conceptualization of the Continuum, an Educational Challenge for Undergraduate Students by Viviane Durand-Guerrier. International Journal of Research in Undergraduate Mathematics Education, 2017, 3, 8-8.	1.8	0
15	Towards the STEM DBER Alliance: why we need a discipline-based STEM education research community. International Journal of STEM Education, 2017, 4, 14.	5.0	15
16	Towards the STEM DBER Alliance: Why We Need a Discipline-Based, STEM-Education Research Community. Journal of Geoscience Education, 2017, 65, 215-218.	1.4	7
17	It's about time: the relationships between coverage and instructional practices in college calculus. International Journal of Mathematical Education in Science and Technology, 2016, 47, 491-504.	1.4	4
18	Women 1.5 Times More Likely to Leave STEM Pipeline after Calculus Compared to Men: Lack of Mathematical Confidence a Potential Culprit. PLoS ONE, 2016, 11, e0157447.	2.5	204

#	Article	IF	Citations
19	Beyond Plug and Chug: an Analysis of Calculus I Homework. International Journal of Research in Undergraduate Mathematics Education, 2015, 1, 268-287.	1.8	20
20	Inverse, composition, and identity: The case of function and linear transformation. Journal of Mathematical Behavior, 2015, 37, 36-47.	0.9	19
21	Examining individual and collective level mathematical progress. Educational Studies in Mathematics, 2015, 88, 259-281.	2.8	45
22	The calculus student: insights from the Mathematical Association of America national study. International Journal of Mathematical Education in Science and Technology, 2013, 44, 685-698.	1.4	70
23	Reasoning using particulate nature of matter: An example of a sociochemical norm in a university-level physical chemistry class. Chemistry Education Research and Practice, 2013, 14, 81-94.	2.5	82
24	When the Classroom Floor Becomes the Complex Plane: Addition and Multiplication as Ways of Bodily Navigation. Journal of the Learning Sciences, 2012, 21, 287-323.	2.9	91
25	ADAPTING A METHODOLOGY FROM MATHEMATICS EDUCATION RESEARCH TO CHEMISTRY EDUCATION RESEARCH: DOCUMENTING COLLECTIVE ACTIVITY. International Journal of Science and Mathematics Education, 2012, 10, 193-211.	2.5	37
26	Capitalizing on advances in mathematics and k-12 mathematics education in undergraduate mathematics: An inquiry-oriented approach to differential equations. Asia Pacific Education Review, 2006, 7, 85-93.	2.5	39
27	In the Driverâ€™s Seat: Course Coordinators as Change Agents for Active Learning in University Precalculus to Calculus 2. International Journal of Research in Undergraduate Mathematics Education, 0, , 1.	1.8	3