Geoff Woolcott

List of Publications by Year
in descending order

41 papers	306 citations	1039880 9 h-index	996849 15 g-index
44 all docs	44 docs citations	44 times ranked	257 citing authors

#	Article	IF	Citations
1	Understanding gaps in research networks: using â€œspatial reasoningâ€•as a window into the importance of networked educational research. Educational Studies in Mathematics, 2017, 95, 143-161.	1.8	42
2	Using cognitive load theory to structure computerâ€based learning including MOOCs. Journal of Computer Assisted Learning, 2017, 33, 293-305.	3.3	37
3	Why lecturers still matter: the impact of lecturer-student exchange on student engagement and intention to leave university prematurely. Higher Education, 2018, 75, 167-185.	2.8	34
4	Emotional Literacy and Pedagogical Confidence in Pre-Service Science and Mathematics Teachers. Australian Journal of Teacher Education, 2016, 41, 107-121.	0.4	20
5	Deep impact: re-conceptualising university research impact using human cultural accumulation theory. Studies in Higher Education, 2020, 45, 1197-1216.	2.9	19
6	Evaluating the impact of a Spatial Reasoning Mathematics Program (SRMP) intervention in the primary school. Mathematics Education Research Journal, 2020, 32, 285-305.	0.9	19
7	Applying an alternative mathematics pedagogy for students with weak mathematics: meta-analysis of alternative pedagogies. International Journal of Mathematical Education in Science and Technology, 2017, 48, 215-228.	0.8	15
8	Giftedness and cultural accumulation: an information processing perspective. High Ability Studies, 2013, 24, 153-170.	1.0	12
9	Reconceptualising Person-Centered Service Models as Social Ecology Networks in Supporting Integrated Care. International Journal of Integrated Care, 2019, 19, 11.	0.1	11
10	Sustainability of collaborative networks in higher education research projects: why complexity? Why now?. Public Management Review, 2018, 20, 1068-1087.	3.4	8
11	Itâ€™s part of my life and the modelling process. Journal of Mathematics Teacher Education, 2019, 22, 355-378.	1.0	8
12	Partnered research and emergent variation: developing a set of characteristics for identifying complexity in higher education partnerships. Journal of Higher Education Policy and Management, 2021, 43, 91-109.	1.5	8
13	Development of a teacher of mathematics identity (ToMI) scale. Mathematics Education Research Journal, 2023, 35, 107-132.	0.9	8
14	Technology and Human Cultural Accumulation. , 2016, , 243-263.		7
15	Modelling success networks to improve the quality of undergraduate education. Quality in Higher Education, 2017, 23, 120-137.	0.6	6
16	Multidisciplinary Perspectives on a Video Case of Children Designing and Coding for Robotics. Canadian Journal of Science, Mathematics and Technology Education, 2017, 17, 165-178.	0.6	6
17	Towards a framework for spatial reasoning and primary mathematics learning: an analytical synthesis of intervention studies. Mathematics Education Research Journal, 2020, , 1.	0.9	6
18	The Re-emergence of Spatial Reasoning Within Primary Years Mathematics Education. , 2020, , 245-268.		6

#	Article	IF	Citations
19	Examining undergraduate student retention in mathematics using network analysis and relative risk. International Journal of Mathematical Education in Science and Technology, 2019, 50, 447-463.	0.8	5
20	Reflecting on Emotions During Teaching: Developing Affective-Reflective Skills in Novice Teachers Using a Novel Critical Moment Protocol. Australian Journal of Teacher Education, 2020, 45, 55-72.	0.4	5
21	Enhancing science and mathematics teacher education: evaluating an enhancement module for science pre-service teachers. International Journal of Learning and Change, 2017, 9, 131.	0.2	4
22	Comparing alternative sequences of examples and problem-solving tasks: the case of conceptual knowledge. Educational and Developmental Psychologist, 2021, 38, 158-170.	0.4	4
23	Developing a New Generation MOOC (ngMOOC): A Design-Based Implementation Research Project with Cognitive Architecture and Student Feedback in Mind. The Journal of Open Distance and E Learning, 2019, 22, 14-35.	0.3	4
24	Measuring a university-community collaboration using social network analysis. International Journal of Learning and Change, 2019, 11, 18.	0.2	3
25	Why arenâ€™t teachers using formative assessment? What can be done about it?. , 2020, 14, 112-136.		2
26	A Broad View of Education and Teaching Based in Educational Neuroscience. International Journal for Cross-Disciplinary Subjects in Education, 2011, 1, 601-606.	0.1	2
27	Everything is connected: giftedness within a broad framework for cognition. High Ability Studies, 2012, 23, 115-117.	1.0	1
28	How are we progressing with academic numeracy at regional universities? Perspectives from first-year undergraduate studies. Mathematics Education Research Journal, 2021, 33, 451-468.	0.9	1
29	Enhancing science and mathematics teacher education: evaluating an enhancement module for science pre-service teachers. International Journal of Learning and Change, 2017, 9, 1.	0.2	1
30	The Place of the Natural Sciences in the Modern Curriculum: The View from Modern Science. International Journal of Pedagogy and Curriculum, 2013, 19, 269-278.	0.1	1
31	The central position of education in knowledge mobilization: insights from network analyses of spatial reasoning research across disciplines. Scientometrics, 2020, 125, 2323-2347.	1.6	0
32	Differentiating Instruction: Development of a Practice Framework for and with Secondary Mathematics Classroom Teachers. International Electronic Journal of Mathematics Education, 2021, 16, em0657.	0.3	0
33	The Universal Information Processing System and Educational Theories and Practices. , 2020, , 121-134.		0
34	Placing Human Learning and Memory in a Broad Context. , 2020, , 61-77.		0
35	Modern Integrative Biology and Learning and Memory Processes. , 2020, , 13-26.		0
36	Learning and Memory in Modern Cognitive Psychology and Integrative Biology. , 2020, , 3-7.		0

#	Article	IF	Citations
37	Contributions of Modern Cognitive Psychology and Integrative Biology to Educational Theories and Practices. , 2020, , 43-56.		0
38	A Broad View of Information Processing Systems. , 2020, , 79-116.		0
39	Universal Information Processing Systems, Generalised Educational Principles and Generalised Cognitive Processes. , 2020, , 135-160.		0
40	Modern Cognitive Psychology and Learning and Memory Processes. , 2020, , 9-12.		0
41	Connections Between Studies of Human Learning and Memory Processes in Modern Cognitive Psychology and Integrative Biology. , 2020, , 27-42.		0