

# Niall Seery

## List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

31  
papers

276  
citations

8  
h-index

15  
g-index

52  
ext. papers

356  
ext. citations

1.5  
avg, IF

3.93  
L-index

#	Paper	IF	Citations
31	Promoting deep learning in a teacher education programme through self- and peer-assessment and feedback. <i>European Journal of Teacher Education</i> , <b>2012</b> , 35, 179-197	4.2	45
30	A Heuristic Framework of Spatial Ability: a Review and Synthesis of Spatial Factor Literature to Support its Translation into STEM Education. <i>Educational Psychology Review</i> , <b>2018</b> , 30, 947-972	7.1	44
29	The validity and value of peer assessment using adaptive comparative judgement in design driven practical education. <i>International Journal of Technology and Design Education</i> , <b>2012</b> , 22, 205-226	1.1	42
28	Investigating the use of spatial reasoning strategies in geometric problem solving. <i>International Journal of Technology and Design Education</i> , <b>2019</b> , 29, 341-362	1.1	21
27	Visualization, inductive reasoning, and memory span as components of fluid intelligence: Implications for technology education. <i>International Journal of Educational Research</i> , <b>2018</b> , 90, 64-77	2.1	16
26	Reconceptualising PCK research in D&T education: proposing a methodological framework to investigate enacted practice. <i>International Journal of Technology and Design Education</i> , <b>2019</b> , 29, 473-491	1.1	10
25	Agendas, influences, and capability: Perspectives on practice in design and technology education. <i>International Journal of Technology and Design Education</i> , <b>2019</b> , 29, 143-159	1.1	9
24	Integrating learners into the assessment process using adaptive comparative judgement with an ipsative approach to identifying competence based gains relative to student ability levels. <i>International Journal of Technology and Design Education</i> , <b>2019</b> , 29, 701-715	1.1	9
23	Exploring the Use of Electroencephalography to Gather Objective Evidence of Cognitive Processing During Problem Solving. <i>Journal of Science Education and Technology</i> , <b>2018</b> , 27, 114-130	2.8	8
22	Implicit theories of intelligence in STEM education: perspectives through the lens of technology education students. <i>International Journal of Technology and Design Education</i> , <b>2019</b> , 29, 75-106	1.1	8
21	Exploring problem conceptualization and performance in STEM problem solving contexts. <i>Instructional Science</i> , <b>2020</b> , 48, 395-425	2	7
20	The importance of supporting technological knowledge in post-primary education: a cohort study. <i>Research in Science and Technological Education</i> , <b>2019</b> , 37, 36-53	1	7
19	Modelling as a Form of Critique. <i>Contemporary Issues in Technology Education</i> , <b>2017</b> , 255-273	0.1	6
18	Spatial cognition in engineering education: developing a spatial ability framework to support the translation of theory into practice. <i>European Journal of Engineering Education</i> , <b>2019</b> , 44, 164-178	1.5	6
17	Heuristics and CAD modelling: an examination of student behaviour during problem solving episodes within CAD modelling activities. <i>International Journal of Technology and Design Education</i> , <b>2018</b> , 28, 939-956	1.1	5
16	The Role of Observational Sketching in Forming and Manipulating Graphical Libraries		4
15	The experiential domain: developing a model for enhancing practice in D&T education. <i>International Journal of Technology and Design Education</i> , <b>2018</b> , 28, 85-99	1.1	4

14	Operationalising pedagogical content knowledge research in technology education: Considerations for methodological approaches to exploring enacted practice. <i>British Educational Research Journal</i> , <b>2019</b> , 45, 755-769	1.6	3
13	Student interests and undergraduate performance: the importance of student-course alignment. <i>Irish Educational Studies</i> , <b>2011</b> , 30, 345-363	0.8	3
12	Assessment and Learning: The Proximal and Distal Effects of Comparative Judgment. <i>Encyclopedia of Earth Sciences Series</i> , <b>2017</b> , 1-14	0	3
11	An exploration into the criteria used in assessing design activities with adaptive comparative judgment in technology education. <i>Irish Educational Studies</i> , <b>2020</b> , 1-19	0.8	3
10	Framing the constructive alignment of design within technology subjects in general education. <i>International Journal of Technology and Design Education</i> , <b>2020</b> , 31, 867	1.1	2
9	The development of pre-service design educator's capacity to make professional judgments on design capability using Adaptive Comparative Judgment		2
8	Assessment and Learning: The Proximal and Distal Effects of Comparative Judgment. <i>Springer International Handbooks of Education</i> , <b>2018</b> , 735-748	0.2	2
7	Multidisciplinary teaching: The emergence of an holistic STEM teacher <b>2018</b> ,		2
6	An exploration of the variables contributing to graphical education students' CAD modelling capability. <i>International Journal of Technology and Design Education</i> , <b>2020</b> , 30, 389-411	1.1	1
5	Exploring the Prototypical Definitions of Intelligent Engineers Held by Irish and Swedish Higher Education Engineering Students. <i>Psychological Reports</i> , <b>2021</b> , 332941211000667	1.6	1
4	The Importance of Spatial Ability Within Technology Education. <i>Contemporary Issues in Technology Education</i> , <b>2022</b> , 165-182	0.1	
3	Pedagogy Involving Social and Cognitive Interaction Between Teachers and Pupils. <i>Contemporary Issues in Technology Education</i> , <b>2020</b> , 297-310	0.1	
2	The Psychological Domain <b>2018</b> , 511-529		
1	The Psychological Domain. <i>Advances in Early Childhood and K-12 Education</i> , <b>2017</b> , 109-127	0.2	