

Marcos Romn-Gonzlez

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.

19
papers

816
citations

10
h-index

21
g-index

21
ext. papers

1,130
ext. citations

4.3
avg, IF

4.91
L-index

#	Paper	IF	Citations
19	Which cognitive abilities underlie computational thinking? Criterion validity of the Computational Thinking Test. <i>Computers in Human Behavior</i> , 2017 , 72, 678-691	7.7	274
18	Visual programming languages integrated across the curriculum in elementary school: A two year case study using Scratch in five schools. <i>Computers and Education</i> , 2016 , 97, 129-141	9.5	196
17	Development of Computational Thinking Skills through Unplugged Activities in Primary School 2017 ,		81
16	Can computational talent be detected? Predictive validity of the Computational Thinking Test. <i>International Journal of Child-Computer Interaction</i> , 2018 , 18, 47-58	3.7	48
15	Extending the nomological network of computational thinking with non-cognitive factors. <i>Computers in Human Behavior</i> , 2018 , 80, 441-459	7.7	41
14	Combining Assessment Tools for a Comprehensive Evaluation of Computational Thinking Interventions 2019 , 79-98		37
13	Code to Learn: Where Does It Belong in the K-12 Curriculum?. <i>Journal of Information Technology Education: Research</i> , 15, 283-303		30
12	Comparing computational thinking development assessment scores with software complexity metrics 2016 ,		30
11	Towards Data-Driven Learning Paths to Develop Computational Thinking with Scratch. <i>IEEE Transactions on Emerging Topics in Computing</i> , 2020 , 8, 193-205	4.1	22
10	On computational thinking as a universal skill: A review of the latest research on this ability 2018 ,		14
9	2020 ,		9
8	LearningML: A Tool to Foster Computational Thinking Skills Through Practical Artificial Intelligence Projects. <i>Revista De Educacion A Distancia</i> , 2020 , 20,	1.3	7
7	Cognitive Correlates of Computational Thinking 2019 ,		5
6	A cognitive definition of computational thinking in primary education. <i>Computers and Education</i> , 2022 , 179, 104425	9.5	5
5	No es lo mismo: un análisis de red de texto sobre definiciones de pensamiento computacional para estudiar su relación con la programación informática. <i>Revista Interuniversitaria De Investigación En Tecnología Educativa</i> , 2019 ,	0.5	5
4	Collaborative Game-Based Environment and Assessment Tool for Learning Computational Thinking in Primary School: A Case Study. <i>IEEE Transactions on Learning Technologies</i> , 2021 , 1-1	4	5
3	Implementation of Unplugged Teaching Activities to Foster Computational Thinking Skills in Primary School from a Gender Perspective 2019 ,		3

2	Computational Thinking Assessment Towards More Vivid Interpretations. <i>Technology, Knowledge and Learning</i> ,1	2.9	2
1	Unplugged Teaching Activities to Promote Computational Thinking Skills in Primary and Adults From a Gender Perspective. <i>Revista Iberoamericana De Tecnologias Del Aprendizaje</i> , 2020, 15, 225-232	1.2	2