

# Peter Hubwieser

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/11420383/publications.pdf>

Version: 2024-02-01

21  
papers

413  
citations

1307594

7  
h-index

1474206

9  
g-index

21  
all docs

21  
docs citations

21  
times ranked

214  
citing authors

#	ARTICLE	IF	CITATIONS
1	Computer Science Education in Secondary Schools – The Introduction of a New Compulsory Subject. ACM Transactions on Computing Education, 2012, 12, 1-41.	3.5	77
2	Design and First Results of a Psychometric Test for Measuring Basic Programming Abilities. , 2015, , .		70
3	Computer science/informatics in secondary education. , 2011, , .		55
4	Perspectives and Visions of Computer Science Education in Primary and Secondary (K-12) Schools. ACM Transactions on Computing Education, 2014, 14, 1-9.	3.5	40
5	Searching for Barriers to Learning Iteration and Runtime in Computer Science. , 2015, , .		39
6	Towards a Competency Model for Teaching Computer Science. Peabody Journal of Education, 2015, 90, 519-532.	1.3	18
7	Teaching Algorithmic Thinking Using Haptic Models for Visually Impaired Students. , 2013, , .		14
8	Different Perceptions of Computer Science. , 2016, , .		14
9	Identifying and formulating teachersâ€™ beliefs and motivational orientations for computer science teacher education. Studies in Higher Education, 2016, 41, 1958-1973.	4.5	14
10	Functions, Objects and States: Teaching Informatics in Secondary Schools. Lecture Notes in Computer Science, 2006, , 104-116.	1.3	14
11	Automated Measurement of Competencies and Generation of Feedback in Object-Oriented Programming Courses. , 2020, , .		12
12	Functional Modelling in Secondary Schools Using Spreadsheets. Education and Information Technologies, 2004, 9, 175-183.	5.7	10
13	Handling Heterogeneity in Programming Courses for Freshmen. , 2015, , .		9
14	An information-oriented approach to informatical education. Informatics in Education, 2002, 1, 31-42.	2.2	9
15	The influence of (research-based) teacher training programs on evaluations of central computer science concepts. Teaching and Teacher Education, 2013, 34, 130-142.	3.2	4
16	DiCS-Index: Predicting Student Performance in Computer Science by Analyzing Learning Behaviors. , 2016, , .		4
17	Towards competency based testing and feedback: Competency definition and measurement in the field of algorithms & data structures. , 2017, , .		3
18	How to Transform Programming Processes in Scratch to Graphical Visualizations. , 2019, , .		3

#	ARTICLE	IF	CITATIONS
19	Comparing the Efficiency of Different Approaches to Teach Informatics at Secondary Schools. Informatics in Education, 2010, 9, 239-247.	2.2	3
20	Towards a Competency Model for Object-Oriented Programming. , 2015, , .		1
21	Teaching sequence diagrams to programming beginners: And the change of algorithmic conceptions. , 2017, , .		0