

William G Griswold

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7498475/publications.pdf>

Version: 2024-02-01

52
papers

1,608
citations

840776

11
h-index

996975

15
g-index

54
all docs

54
docs citations

54
times ranked

2345
citing authors

#	ARTICLE	IF	CITATIONS
1	A Text Message-Based Intervention for Weight Loss: Randomized Controlled Trial. Journal of Medical Internet Research, 2009, 11, e1.	4.3	557
2	Usability and Feasibility of PmEB: A Mobile Phone Application for Monitoring Real Time Caloric Balance. Mobile Networks and Applications, 2007, 12, 173-184.	3.3	196
3	Low-Cost Air Quality Monitoring Tools: From Research to Practice (A Workshop Summary). Sensors, 2017, 17, 2478.	3.8	144
4	Lightweight, Early Identification of At-Risk CS1 Students. , 2016, , .		71
5	A Robust Machine Learning Technique to Predict Low-performing Students. ACM Transactions on Computing Education, 2019, 19, 1-19.	3.5	60
6	CitiSense. , 2012, , .		59
7	Clinical trial management of participant recruitment, enrollment, engagement, and retention in the SMART study using a Marketing and Information Technology (MARKIT) model. Contemporary Clinical Trials, 2015, 42, 185-195.	1.8	56
8	Citizensense: Mobile Air Quality Sensing for Individuals and Communities. Design and deployment of the Citizensense mobile air-quality system.. , 2012, , .		33
9	APE: an annotation language and middleware for energy-efficient mobile application development. , 2014, , .		32
10	Text messaging and brief phone calls for weight loss in overweight and obese English- and Spanish-speaking adults: A 1-year, parallel-group, randomized controlled trial. PLoS Medicine, 2019, 16, e1002917.	8.4	32
11	Behaviors of Higher and Lower Performing Students in CS1. , 2019, , .		31
12	Personal pollution monitoring: mobile real-time air quality in daily life. Personal and Ubiquitous Computing, 2019, 23, 309-328.	2.8	30
13	The Relationship Between Sense of Belonging and Student Outcomes in CS1 and Beyond. , 2021, , .		30
14	Understanding Sources of Student Struggle in Early Computer Science Courses. , 2021, , .		25
15	Evaluating and improving the reliability of gas-phase sensor system calibrations across new locations for ambient measurements and personal exposure monitoring. Atmospheric Measurement Techniques, 2019, 12, 4211-4239.	3.1	21
16	The Relationship between Prerequisite Proficiency and Student Performance in an Upper-Division Computing Course. , 2019, , .		17
17	A systems architecture for ubiquitous video. , 2005, , .		16
18	Exploring the Value of Different Data Sources for Predicting Student Performance in Multiple CS Courses. , 2019, , .		16

#	ARTICLE	IF	CITATIONS
19	How Software Engineering Tools Organize Programmer Behavior During the Task of Data Encapsulation. <i>Empirical Software Engineering</i> , 1997, 2, 221-267.	3.9	15
20	Trends and Challenges for Software Engineering in the Mobile Domain. <i>IEEE Software</i> , 2021, 38, 88-96.	1.8	14
21	Projector phone use: practices and social implications. <i>Personal and Ubiquitous Computing</i> , 2012, 16, 53-63.	2.8	12
22	Exploring the Link Between Prerequisites and Performance in Advanced Data Structures. , 2020, , .		11
23	Usability and Feasibility of PmEB: A Mobile Phone Application for Monitoring Real Time Caloric Balance. , 2006, , .		10
24	A Quantitative Analysis of Study Habits Among Lower- and Higher-Performing Students in CS1. , 2021, , .		10
25	Faculty Views on the Goals of an Undergraduate CS Education and the Academia-Industry Gap. , 2020, , .		10
26	Impact of Class Size on Student Evaluations for Traditional and Peer Instruction Classrooms. , 2017, , .		9
27	Big Data Techniques for Public Health: A Case Study. , 2017, , .		9
28	Inferring Loop Invariants through Gamification. , 2018, , .		9
29	Managing the Energy-Delay Tradeoff in Mobile Applications with Tempus. , 2015, , .		8
30	The design and implementation of dynamic hashing for sets and tables in icon. <i>Software - Practice and Experience</i> , 1993, 23, 351-367.	3.6	7
31	Citizensense. , 2012, , .		7
32	Classroom experience report on jigsaw learning. , 2018, , .		7
33	A Quantitative Study of Faculty Views on the Goals of an Undergraduate CS Program and Preparing Students for Industry. , 2020, , .		7
34	Effective pattern matching of source code using abstract syntax patterns. <i>Software - Practice and Experience</i> , 2006, 36, 413-447.	3.6	6
35	Interpersonal informatics. , 2011, , .		6
36	Mining Software Contracts for Software Evolution. , 2014, , .		4

#	ARTICLE	IF	CITATIONS
37	Tool support for planning the restructuring of data abstractions in large systems. <i>Software Engineering Notes: an Informal Newsletter of the Special Interest Committee on Software Engineering / ACM</i> , 1996, 21, 33-45.	0.7	3
38	Using DevContainers to Standardize Student Development Environments: An Experience Report. , 2020, , .		3
39	RiverInk--An Extensible Framework for Multimodal Interoperable Ink. , 2007, , .		2
40	DELPHI: Data E-platform for personalized population health. , 2013, , .		2
41	Semantics-assisted code review: An efficient tool chain and a user study. , 2017, , .		2
42	Workload Shaping Energy Optimizations with Predictable Performance for Mobile Sensing. , 2018, , .		2
43	Automated support for encapsulating abstract data types. <i>Software Engineering Notes: an Informal Newsletter of the Special Interest Committee on Software Engineering / ACM</i> , 1994, 19, 97-110.	0.7	1
44	ANEL. , 2018, , .		1
45	Proficiency in Basic Data Structures among Various Subpopulations of Students at Different Stages in a CS Program. , 2021, , .		1
46	Influences of architectural and implementation choices on CyberInfrastructure quality--a case study. , 2016, , 279-332.		1
47	A demographic analysis on prerequisite preparation in an advanced data structures course. <i>ACM Inroads</i> , 2022, 13, 34-41.	0.6	1
48	Programming language requirements for the next millennium. <i>ACM Computing Surveys</i> , 1996, 28, 194.	23.0	0
49	A Robust Abstraction for First-Person Video Streaming: Techniques, Applications, and Experiments. , 2006, , .		0
50	Guest Editors' Introduction to the Special Section on the International Conference on Software Engineering. <i>IEEE Transactions on Software Engineering</i> , 2006, 32, 929-930.	5.6	0
51	Report from the Second Pervasive Computing Education Workshop. <i>IEEE Pervasive Computing</i> , 2010, 9, 45-46.	1.3	0
52	A Demographic Analysis on Prerequisite Preparation in an Advanced Data Structures Course. , 2022, , .		0