Steve Counsell

List of Publications by Year in descending order

		567281	477307
42 papers	951 citations	15 h-index	29 g-index

44 all docs	44 docs citations	44 times ranked	694 citing authors

#	Article	IF	Citations
1	A Comparative Study of Cost Estimation Models for Web Hypermedia Applications. Empirical Software Engineering, 2003, 8, 163-196.	3.9	164
2	A meta-analysis of relationships between organizational characteristics and IT innovation adoption in organizations. Information and Management, 2012, 49, 218-232.	6.5	121
3	Investigating Web size metrics for early Web cost estimation. Journal of Systems and Software, 2005, 77, 157-172.	4.5	86
4	Code smells as system-level indicators of maintainability: An empirical study. Journal of Systems and Software, 2013, 86, 2639-2653.	4.5	58
5	Cyclomatic Complexity. IEEE Software, 2016, 33, 27-29.	1.8	52
6	Software development: do good manners matter?. PeerJ Computer Science, 0, 2, e73.	4.5	48
7	Assessing the influence of Environmental and CEO Characteristics for Adoption of Information Technology in Organizations. Journal of Technology Management and Innovation, 2012, 7, 64-84.	0.7	44
8	Blockchain Application for Central Banks: A Systematic Mapping Study. IEEE Access, 2020, 8, 139918-139952.	4.2	41
9	The role and value of replication in empirical software engineering results. Information and Software Technology, 2018, 99, 120-132.	4.4	37
10	A large scale study on how developers discuss code smells and anti-pattern in Stack Exchange sites. Information and Software Technology, 2020, 125, 106333.	4.4	30
11	On The Introduction of Automatic Program Repair in Bloomberg. IEEE Software, 2021, 38, 43-51.	1.8	26
12	Enhancing Practice and Achievement in Introductory Programming With a Robot Olympics. IEEE Transactions on Education, 2015, 58, 249-254.	2.4	24
13	Testing Real-Time Embedded Systems using Timed Automata based approaches. Journal of Systems and Software, 2013, 86, 1209-1223.	4.5	23
14	The relationship between evolutionary coupling and defects in large industrial software. Journal of Software: Evolution and Process, 2017, 29, e1842.	1.6	23
15	Can you tell me if it smells?. , 2018, , .		23
16	ESTABLISHING RELATIONSHIPS BETWEEN INNOVATION CHARACTERISTICS AND IT INNOVATION ADOPTION IN ORGANISATIONS: A META-ANALYSIS APPROACH. International Journal of Innovation Management, 2014, 18, 1450007.	1.2	22
17	Toward Software Technology 2050. IEEE Software, 2017, 34, 82-88.	1.8	18
18	An experimental search-based approach to cohesion metric evaluation. Empirical Software Engineering, 2017, 22, 292-329.	3.9	15

#	Article	IF	Citations
19	Exploring case-based reasoning for web hypermedia project cost estimation. International Journal of Web Engineering and Technology, 2005, 2, 117.	0.2	14
20	An Empirical Study into the Relationship Between Class Features and Test Smells. , 2016, , .		9
21	Quality of manual data collection in Java software: an empirical investigation. Empirical Software Engineering, 2007, 12, 275-293.	3.9	7
22	An empirical study on the interplay between semantic coupling and co-change of software classes. Empirical Software Engineering, 2018, 23, 1791-1825.	3.9	6
23	Understanding the complexity of refactoring in software systems: a tool-based approach. International Journal of General Systems, 2006, 35, 329-346.	2.5	5
24	A framework for pathologies of message sequence charts. Information and Software Technology, 2012, 54, 1283-1295.	4.4	5
25	Investigating attributes affecting the performance of WBI users. Computers and Education, 2013, 68, 117-128.	8.3	5
26	Improving predictive models of glaucoma severity by incorporating quality indicators. Artificial Intelligence in Medicine, 2014, 60, 103-112.	6.5	5
27	Detection of violation causes in reflexion models. , 2015, , .		5
28	An Empirical Investigation of Code Smell 'Deception' and Research Contextualisation through Paul's Criteria. Journal of Computing and Information Technology, 2010, 18, 333.	0.3	4
29	Expanding Fix Patterns to Enable Automatic Program Repair. , 2021, , .		4
30	Coupling Trends in Industrial Prototyping Roles: An Empirical Investigation. Software Quality Journal, 2001, 9, 223-240.	2.2	3
31	A comprehensive survey of IS undergraduate degree courses in the UK. International Journal of Information Management, 2012, 32, 318-325.	17.5	3
32	User Acceptance Determinants of Information Technology Innovation in Organizations. International Journal of Innovation and Technology Management, 2014, 11, 1450033.	1.4	3
33	A comparison and evaluation of variants in the coupling between objects metric. Journal of Systems and Software, 2019, 151, 120-132.	4.5	3
34	The effect of multiple developers on structural attributes: A Study based on java software. Journal of Systems and Software, 2020, 167, 110593.	4.5	3
35	System Evolution at the Attribute Level: an Empirical Study of Three Java OSS and their Refactorings. Journal of Computing and Information Technology, 2010, 18, 167.	0.3	3
36	Assert Use and Defectiveness in Industrial Code. , 2017, , .		2

#	Article	IF	Citations
37	Size, Inheritance, Change and Fault-proneness in C# software.. Journal of Object Technology, 2010, 9, 29.	0.9	2
38	Disseminating the Best Material to Practitioners. IEEE Software, 2017, 34, 111-113.	1.8	1
39	Java Method Calls in the Hierarchy ï¿½ Uncovering Yet another Inheritance Foible. Journal of Computing and Information Technology, 2010, 18, 159.	0.3	1
40	Evolutionary algorithms for grouping high dimensional Email data. Intelligent Data Analysis, 2002, 6, 503-516.	0.9	0
41	The relationship between evolutionary coupling and defects in large industrial software (journal-first abstract). , 2018, , .		0
42	Re-visiting a Test Taxonomy with Refactoring and Defect-fix Data. , 2018, , .		0