

# James Miller

## 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.

63

papers

913

citations

16

h-index

28

g-index

69

ext. papers

1,068

ext. citations

2.7

avg, IF

4.55

L-index

#	Paper	IF	Citations
63	Applying meta-analytical procedures to software engineering experiments. <i>Journal of Systems and Software</i> , <b>2000</b> , 54, 29-39	3.3	93
62	Detecting visually similar Web pages. <i>ACM Transactions on Internet Technology</i> , <b>2010</b> , 10, 1-38	3.8	64
61	Replicating software engineering experiments: a poisoned chalice or the Holy Grail. <i>Information and Software Technology</i> , <b>2005</b> , 47, 233-244	3.4	53
60	Practical assessment of the models for identification of defect-prone classes in object-oriented commercial systems using design metrics. <i>Journal of Systems and Software</i> , <b>2003</b> , 65, 1-12	3.3	52
59	Empirical evaluation of optimization algorithms when used in goal-oriented automated test data generation techniques. <i>Empirical Software Engineering</i> , <b>2007</b> , 12, 183-239	3.3	46
58	. <i>IEEE Transactions on Reliability</i> , <b>2009</b> , 58, 619-633	4.6	43
57	Multi-method research: An empirical investigation of object-oriented technology. <i>Journal of Systems and Software</i> , <b>1999</b> , 48, 13-26	3.3	43
56	Centroidal Voronoi Tessellations- A New Approach to Random Testing. <i>IEEE Transactions on Software Engineering</i> , <b>2013</b> , 39, 163-183	3.5	39
55	Statistical power and its subcomponents [Missing and misunderstood concepts in empirical software engineering research. <i>Information and Software Technology</i> , <b>1997</b> , 39, 285-295	3.4	39
54	Statistical significance testing[Panacea for software technology experiments?. <i>Journal of Systems and Software</i> , <b>2004</b> , 73, 183-192	3.3	33
53	Incorporating Spatial, Temporal, and Social Context in Recommendations for Location-Based Social Networks. <i>IEEE Transactions on Computational Social Systems</i> , <b>2016</b> , 3, 164-175	4.5	30
52	The kanban approach, between agility and leanness: a systematic review. <i>Empirical Software Engineering</i> , <b>2015</b> , 20, 1861-1897	3.3	25
51	Constructing high quality use case models: a systematic review of current practices. <i>Requirements Engineering</i> , <b>2012</b> , 17, 187-201	2.7	25
50	. <i>IEEE Transactions on Dependable and Secure Computing</i> , <b>2007</b> , 4, 151-164	3.9	23
49	Improving the quality of use case models using antipatterns. <i>Software and Systems Modeling</i> , <b>2010</b> , 9, 141-160	1.9	22
48	A user-centric evaluation of the readability of privacy policies in popular web sites. <i>Information Systems Frontiers</i> , <b>2011</b> , 13, 501-514	4	17
47	A practical approach to testing GUI systems. <i>Empirical Software Engineering</i> , <b>2007</b> , 12, 331-357	3.3	16

46	Cookies. <i>ACM Transactions on the Web</i> , <b>2009</b> , 3, 1-49	3.2	15
45	Multi-Project Management in Software Engineering Using Simulation Modelling. <i>Software Quality Journal</i> , <b>2004</b> , 12, 59-82	1.2	15
44	A Fuzzy Recommender System for Public Library Catalogs. <i>International Journal of Intelligent Systems</i> , <b>2017</b> , 32, 1062-1084	8.4	12
43	Empirical observations on the session timeout threshold. <i>Information Processing and Management</i> , <b>2009</b> , 45, 513-528	6.3	12
42	Producing robust use case diagrams via reverse engineering of use case descriptions. <i>Software and Systems Modeling</i> , <b>2007</b> , 7, 67-83	1.9	12
41	Triangulation as a basis for knowledge discovery in software engineering. <i>Empirical Software Engineering</i> , <b>2008</b> , 13, 223-228	3.3	12
40	Interpretable Deep Convolutional Fuzzy Classifier. <i>IEEE Transactions on Fuzzy Systems</i> , <b>2019</b> , 1-1	8.3	11
39	Waste identification and elimination in information technology organizations. <i>Empirical Software Engineering</i> , <b>2014</b> , 19, 2019-2061	3.3	11
38	Another viewpoint on Evaluating web software reliability based on workload and failure data extracted from server logs. <i>Empirical Software Engineering</i> , <b>2009</b> , 14, 371-396	3.3	11
37	Automated cookie collection testing. <i>ACM Transactions on Software Engineering and Methodology</i> , <b>2014</b> , 23, 1-40	3.3	10
36	A subject-based empirical evaluation of SSUCD's performance in reducing inconsistencies in use case models. <i>Empirical Software Engineering</i> , <b>2009</b> , 14, 477-512	3.3	10
35	A Test-oriented Embedded System Production Methodology. <i>Journal of Signal Processing Systems</i> , <b>2009</b> , 56, 69-89	1.4	10
34	An empirical investigation into open source web applications' implementation vulnerabilities. <i>Empirical Software Engineering</i> , <b>2010</b> , 15, 556-576	3.3	10
33	ADAMAS: Interweaving unicode and color to enhance CAPTCHA security. <i>Future Generation Computer Systems</i> , <b>2016</b> , 55, 289-310	7.5	9
32	Developing comprehensive acceptance tests from use cases and robustness diagrams. <i>Requirements Engineering</i> , <b>2010</b> , 15, 285-306	2.7	9
31	Matching Antipatterns to Improve the Quality of Use Case Models <b>2006</b> ,		9
30	Deficient documentation detection a methodology to locate deficient project documentation using topic analysis <b>2013</b> ,		8
29	A comparative study of the performance of local feature-based pattern recognition algorithms. <i>Pattern Analysis and Applications</i> , <b>2017</b> , 20, 1145-1156	2.3	7

28	An empirical investigation of Web session workloads: Can self-similarity be explained by deterministic chaos?. <i>Information Processing and Management</i> , <b>2014</b> , 50, 41-53	6.3	7
27	Token-based graphical password authentication. <i>International Journal of Information Security</i> , <b>2011</b> , 10, 321-336	2.8	6
26	On the possibilities of (pseudo-) software cloning from external interactions. <i>Soft Computing</i> , <b>2007</b> , 12, 29-49	3.5	6
25	Multi-project software engineering analysis using systems thinking. <i>Software Process Improvement and Practice</i> , <b>2004</b> , 9, 173-214		6
24	ASSISTing Management Decisions in the Software Inspection Process. <i>Information Technology and Management</i> , <b>2002</b> , 3, 67-83	1.8	6
23	. <i>IEEE Transactions on Software Engineering</i> , <b>2019</b> , 45, 1189-1210	3.5	4
22	M-Lean: An end-to-end development framework for predictive models in B2B scenarios. <i>Information and Software Technology</i> , <b>2019</b> , 113, 131-145	3.4	3
21	Identifying semantic blocks in Web pages using Gestalt laws of grouping. <i>World Wide Web</i> , <b>2016</b> , 19, 957-978	2.9	3
20	Securing web-clients with instrumented code and dynamic runtime monitoring. <i>Journal of Systems and Software</i> , <b>2013</b> , 86, 1689-1711	3.3	3
19	The current state of software license renewals in the I.T. industry. <i>Information and Software Technology</i> , <b>2019</b> , 108, 139-152	3.4	3
18	An investigation of implicit features in compression-based learning for comparing webpages. <i>Pattern Analysis and Applications</i> , <b>2016</b> , 19, 397-410	2.3	2
17	A Scalable Testing Framework for Location-Based Services. <i>Journal of Computer Science and Technology</i> , <b>2009</b> , 24, 386-404	1.7	2
16	Asterisk. <i>ACM/IMS Transactions on Data Science</i> , <b>2020</b> , 1, 1-25	1.2	2
15	Kaizen Cookbook: The Success Recipe for Continuous Learning and Improvements <b>2016</b> ,		1
14	Empirical Knowledge Discovery by Triangulation in Computer Science. <i>Advances in Computers</i> , <b>2010</b> , 80, 163-190	2.9	1
13	Context-Based Evaluation of Dimensionality Reduction Algorithms Experiments and Statistical Significance Analysis. <i>ACM Transactions on Knowledge Discovery From Data</i> , <b>2021</b> , 15, 1-40	4	1
12	A Pure Visual Approach for Automatically Extracting and Aligning Structured Web Data. <i>ACM Transactions on Internet Technology</i> , <b>2019</b> , 19, 1-26	3.8	1
11	Black-box tree test case generation through diversity. <i>Automated Software Engineering</i> , <b>2018</b> , 25, 531-568		0

10	COTS acquisition process: incorporating business factors into COTS vendor evaluation taxonomies. <i>Software Process Improvement and Practice</i> , <b>2006</b> , 11, 601-626		0
9	. <i>IEEE Transactions on Knowledge and Data Engineering</i> , <b>2020</b> , 1-1	4.2	0
8	Automated policy generation for testing access control software. <i>Information Security Journal</i> , <b>2017</b> , 26, 17-38	1	
7	On the Concept of Automatic User Behavior Profiling of Websites. <i>International Journal of Systems and Service-Oriented Engineering</i> , <b>2017</b> , 7, 1-20	0.1	
6	Semi-Supervised Ensemble Learning for Dealing with Inaccurate and Incomplete Supervision. <i>ACM Transactions on Knowledge Discovery From Data</i> , <b>2022</b> , 16, 1-33	4	
5	Enhancing CAPTCHA Security Using Interactivity, Dynamism, and Mouse Movement Patterns. <i>International Journal of Systems and Service-Oriented Engineering</i> , <b>2016</b> , 6, 17-36	0.1	
4	Towards Building a New Age Commercial Contextual Advertising System. <i>International Journal of Systems and Service-Oriented Engineering</i> , <b>2017</b> , 7, 1-14	0.1	
3	AIWAS. <i>International Journal of Systems and Service-Oriented Engineering</i> , <b>2012</b> , 3, 73-91	0.1	
2	Refactoring Flash Embedding Methods. <i>International Journal of Systems and Service-Oriented Engineering</i> , <b>2012</b> , 3, 26-40	0.1	
1	TabReformer: Unsupervised Representation Learning for Erroneous Data Detection. <i>ACM/IMS Transactions on Data Science</i> , <b>2021</b> , 2, 1-29	1.2	