Martin Gaedke

List of Publications by Citations

136 papers	964 citations	12 h-index	27 g-index
162 ext. papers	1,215 ext. citations	1 avg, IF	4.82 L-index

#	Paper	IF	Citations
136	Interoperability in Internet of Things: Taxonomies and Open Challenges. *Mobile Networks and Applications*, **2019**, 24, 796-809	2.9	200
135	Discovering and Maintaining Links on the Web of Data. *Lecture Notes in Computer Science*, **2009**, 650-665	0.9	157
134	Object-oriented Web application development. *IEEE Internet Computing*, **1999**, 3, 60-68	2.4	54
133	Mockup-Driven Development: Providing agile support for Model-Driven Web Engineering. *Information and Software Technology*, **2014**, 56, 670-687	3.4	36
132	Exploiting single-user web applications for shared editing **2012**,		29
131	End-user-oriented telco mashups **2012**,		28
130	WebComposition: an object-oriented support system for the Web engineering lifecycle. *Computer Networks*, **1997**, 29, 1429-1437		28
129	Automatic Knowledge Extraction to build Semantic Web of Things Applications. *IEEE Internet of Things Journal*, **2019**, 6, 8447-8454	10.7	23
128	A modeling approach to federated identity and access management **2005**,		18
127	Interoperability in Internet of Things Infrastructure: Classification, Challenges, and Future Work. *Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering*, **2018**, 11-18	0.2	14
126	. *IEEE Internet Computing*, **2012**, 16, 70-76	2.4	12
125	. *IEEE Internet Computing*, **2011**, 15, 80-83	2.4	12
124	Ensuring Web Interface Quality through Usability-Based Split Testing. *Lecture Notes in Computer Science*, **2014**, 93-110	0.9	11
123	Complementary assistance mechanisms for end user mashup composition **2013**,		10
122	WoTDL: Web of Things Description Language for Automatic Composition **2019**,		10
121	MockAPI: An Agile Approach Supporting API-first Web Application Development. *Lecture Notes in Computer Science*, **2013**, 7-21	0.9	10
120	Auto-Extraction and Integration ofMetrics forWeb User Interfaces. *Journal of Web Engineering*, **2019**, 17, 561-590	1.2	9

119	HCI Vision for Automated Analysis and Mining of Web User Interfaces. *Lecture Notes in Computer Science*, **2018**, 136-144	0.9	9
118	TellMyRelevance! **2013**,		9
117	WCML **2000**,		9
116	Supporting compositional reuse in component-based Web engineering **2000**,		9
115	SmartComposition: A Component-Based Approach for Creating Multi-screen Mashups. *Lecture Notes in Computer Science*, **2014**, 236-253	0.9	9
114	Current trends in automating usability evaluation of websites: Can you manage what you can't measure? **2016**,		9
113	Webifying Heterogenous Internet of Things Devices. *Lecture Notes in Computer Science*, **2019**, 509-513	0.9	8
112	Towards Efficient Resource Management in Cloud Computing: A Survey **2016**,		8
111	Measuring and Ensuring Similarity of User Interfaces: The Impact of Web Layout. *Lecture Notes in Computer Science*, **2016**, 252-260	0.9	7
110	Web Content Delivery to Heterogeneous Mobile Platforms. *Lecture Notes in Computer Science*, **1999**, 205-217	0.9	7
109	Application of evolutionary algorithms in interaction design: From requirements and ontology to optimized web interface **2016**,		7
108	Data binding for standard-based web applications **2012**,		6
107	M2M interface: a Web services-based framework for federated enterprise management **2005**,		6
106	Protecting User Profile Data in WebID-Based Social Networks Through Fine-Grained Filtering. *Lecture Notes in Computer Science*, **2013**, 269-280	0.9	6
105	Awareness and Control for Inter-Widget Communication: Challenges and Solutions. *Lecture Notes in Computer Science*, **2013**, 114-122	0.9	6
104	WebSoDa: A Tailored Data Binding Framework for Web Programmers Leveraging the WebSocket Protocol and HTML5 Microdata. *Lecture Notes in Computer Science*, **2011**, 387-390	0.9	6
103	GrOWTH: Goal-Oriented End User Development for Web of Things Devices. *Lecture Notes in Computer Science*, **2018**, 358-365	0.9	5
102	Toward Collaborative Software Engineering Leveraging the Crowd **2014**, 159-182		5

101	Collaborative adaptive case management with linked data **2014**,		5
100	WCAG formalization with W3C standards **2005**,		5
99	Web composition with WCAG in mind **2005**,		5
98	Exploiting annotations for the rapid development of collaborative web applications **2013**,		5
97	SemQuire - Assessing the Data Quality of Linked Open Data Sources Based on DQV. *Lecture Notes in Computer Science*, **2018**, 163-175	0.9	5
96	Reusable Awareness Widgets for Collaborative Web Applications A Non-invasive Approach. *Lecture Notes in Computer Science*, **2012**, 1-15	0.9	5
95	Inter-Widget Communication by Demonstration in User Interface Mashups. *Lecture Notes in Computer Science*, **2013**, 502-505	0.9	5
94	Practical Web Data Extraction: Are We There Yet? - A Short Survey **2016**,		5
93	S.O.S. **2015**,		4
92	Self-contained web components through serverless computing **2017**,		4
91	Enhancing media enrichment by semantic extraction **2014**,		4
90	An Extensible, Model-Driven and End-User Centric Approach for API Building. *Lecture Notes in Computer Science*, **2014**, 494-497	0.9	4
89	Integration of Telco Services into Enterprise Mashup Applications. *Lecture Notes in Computer Science*, **2012**, 37-48	0.9	4
88	Customized Views on Profiles in WebID-Based Distributed Social Networks. *Lecture Notes in Computer Science*, **2013**, 498-501	0.9	4
87	Web Intelligence Linked Open Data for Website Design Reuse. *Lecture Notes in Computer Science*, **2017**, 370-377	0.9	4
86	Towards Metric-based Usability Evaluation of Online Web Interfaces **2013**, 277-282		4
85	Development and Evolution of Web-Applications Using the WebComposition Process Model. *Lecture Notes in Computer Science*, **2001**, 58-76	0.9	4
84	An Automated Cyclic Planning Framework Based on Plan-Do-Check-Act for Web of Things Composition **2019**,		3

83	Evaluation of User-Subjective Web Interface Similarity with Kansei Engineering-Based ANN **2017**,		3
82	The chrooma+ approach to enrich video content using HTML5 **2013**,		3
81	A domain-specific language for the model-driven construction of advanced web-based dialogs **2008** ,		3
80	A Workflow-Driven Approach for the Efficient Integration of Web Services in Portals **2007**,		3
79	Modeling federations of Web applications with WAM		3
78	I Don Have That Much Data! Reusing User Behavior Models for Websites from Different Domains. *Lecture Notes in Computer Science*, **2020**, 146-162	0.9	3
77	Media Enrichment on Distributed Displays by Selective Information Presentation: A First Prototype. *Lecture Notes in Computer Science*, **2013**, 51-53	0.9	3
76	From Choreographed to Hybrid User Interface Mashups: A Generic Transformation Approach. *Lecture Notes in Computer Science*, **2014**, 145-162	0.9	3
75	Extending Web Standards-Based Widgets towards Inter-Widget Communication. *Lecture Notes in Computer Science*, **2012**, 93-96	0.9	3
74	Construction of Adaptive Web-Applications from Reusable Components. *Lecture Notes in Computer Science*, **2000**, 1-13	0.9	3
73	Integration Platform for Metric-Based Analysis of Web User Interfaces. *Lecture Notes in Computer Science*, **2019**, 525-529	0.9	2
72	Inuit: The Interface Usability Instrument. *Lecture Notes in Computer Science*, **2015**, 256-268	0.9	2
71	SmartComposition **2015**,		2
70	Analyzing the suitability of web applications for a single-user to multi-user transformation **2013**,		2
69	WAEX: Web Accessibility Evaluator in a Single XSLT File **2006**,		2
68	Aspects of service-oriented component procurement in web-based information systems. *International Journal of Web Information Systems*, **2005**, 1, 15-24	0.9	2
67	Integrating Web-based e-commerce applications with business application systems. *NETNOMICS: Economic Research and Electronic Networking*, **2000**, 2, 117-138	2.3	2
66	Towards Real-time Collaboration in User Interface Mashups **2014**,		2

65	WCAG Formalization with W3C Techniques. *Lecture Notes in Computer Science*, **2005**, 615-617	0.9	2
64	The Web as an Application Platform **2008**, 33-45		2
63	Ubiquitous Microblogging: A Flow-Based Front-End for Information Logistics. *Lecture Notes in Business Information Processing*, **2010**, 158-167	0.6	2
62	Web Migration - A Survey Considering the SME Perspective **2017**,		2
61	Web Engineering Revisited		2
60	Analysis and Prediction of University Websites Perceptions by Different User Groups **2018**,		2
59	SmartComposition **2015**,		1
58	An application meta-model to support the execution and benchmarking of scientific applications in multi-cloud environments **2017**,		1
57	Utilizing architecture models for secure distributed web applications and services. *IT - Information Technology*, **2014**, 56, 112-118	0.4	1
56	Was That Webpage Pleasant to Use? Predicting Usability Quantitatively from Interactions. *Lecture Notes in Computer Science*, **2013**, 335-339	0.9	1
55	WebComposition/DGS: Supporting Web2.0 Developments with Data Grids **2008**,		1
54	Identifying Security Aspects in Web-Based Federations **2008**,		1
53	Enabling Architecture Changes in Distributed Web-Applications **2007**,		1
52	Building Blocks for Identity Federations. *Lecture Notes in Computer Science*, **2005**, 203-208	0.9	1
51	Specification of Components Based on the WebComposition Component Model **2002**, 275-284		1
50	Supporting Secure Deployment of Portal Components. *Lecture Notes in Computer Science*, **2004**, 516-520	0.9	1
49	DaQAR - An Ontology for the Uniform Exchange of Comparable Linked Data Quality Assessment Requirements. *Lecture Notes in Computer Science*, **2018**, 234-242	0.9	1
48	ReWaMP: Rapid Web Migration Prototyping Leveraging WebAssembly. *Lecture Notes in Computer Science*, **2018**, 84-92	0.9	1

47	Crowdsourced Reverse Engineering: Experiences in Applying Crowdsourcing to Concept Assignment. *Communications in Computer and Information Science*, **2019**, 215-239	0.3	1
46	SolidRDP: Applying Solid Data Containers for Research Data Publishing. *Lecture Notes in Computer Science*, **2020**, 399-415	0.9	1
45	Loop Discovery in Publish-Subscribe-Based User Interface Mashups. *Lecture Notes in Computer Science*, **2015**, 683-686	0.9	1
44	Supporting the Developmentof Team-Climate-Aware Collaborative Web Applications. *Lecture Notes in Computer Science*, **2015**, 663-666	0.9	1
43	SmartComposition: Extending Web Applications to Multi-screen Mashups. *Communications in Computer and Information Science*, **2016**, 50-62	0.3	1
42	Extending Kansei Engineering for Requirements Consideration in Web Interaction Design. *Lecture Notes in Computer Science*, **2016**, 513-518	0.9	1
41	Enriching Web Applications with Collaboration Support Using Dependency Injection. *Lecture Notes in Computer Science*, **2012**, 473-476	0.9	1
40	WaPPU: Usability-Based A/B Testing. *Lecture Notes in Computer Science*, **2014**, 545-549	0.9	1
39	CRAWLE: Distributed Skill Endorsements in Expert Finding. *Lecture Notes in Computer Science*, **2014**, 57-75	0.9	1
38	Remembering Florian Daniel. *IEEE Internet Computing*, **2020**, 24, 58-59	2.4	1
37	KESeDa **2016**,		1
36	A Benchmark Model for the Creation of Compute Instance Performance Footprints. *Lecture Notes in Computer Science*, **2018**, 221-234	0.9	1
35	We Don't Need No Real Users?! Surveying the Adoption of User-less Automation Tools by UI Design Practitioners. *Lecture Notes in Computer Science*, **2022**, 406-414	0.9	1
34	Enriching single-user web applications non-invasively with shared editing support. *Science of Computer Programming*, **2014**, 94, 53-66	1.1	0
33	VISH: Does Your Smart Home Dialogue System Also Need Training Data?. *Lecture Notes in Computer Science*, **2020**, 171-187	0.9	0
32	Scope-Aware Delegations in Distributed Social Networks. *Lecture Notes in Computer Science*, **2015**, 709-712	0.9	0
31	ProProtect3: An Approach for Protecting User Profile Data from Disclosure, Tampering, and Improper Use in the Context of WebID. *Lecture Notes in Computer Science*, **2015**, 87-127	0.9	0
30	The SWAC Approach for Sharing a Web Application's Codebase Between Server and Client. *Lecture Notes in Computer Science*, **2013**, 84-98	0.9	0

29	GAwI: A Comprehensive Workspace Awareness Library for Collaborative Web Applications. *Lecture Notes in Computer Science*, **2013**, 482-485	0.9	0
28	Secure Storing of E-Health Records in the Cloud. *Lecture Notes in Computer Science*, **2015**, 635-638	0.9	
27	Towards Handling Constraint Network Conditions Between WoT Entities Using Conflict-Free Anti-Entropy Communication. *Lecture Notes in Computer Science*, **2016**, 576-580	0.9	
26	Business Process Integration using Telco Mashups. *Procedia Computer Science*, **2011**, 5, 677-680	1.6	
25	Component-Based Content Linking Beyond the Application **2007**, 427-441		
24	Web Accessibility Evaluation Via XSLT **2007**, 459-469		
23	Software Contracts for Component-Based Web Engineering **2005**, 2557-2561		
22	Natural-Language-Enabled End-User Tool Endowed with Ontology-Based Development. *Lecture Notes in Computer Science*, **2018**, 473-476	0.9	
21	NeLMeS: Finding the Best Based on the People Available Leveraging the Crowd. *Lecture Notes in Computer Science*, **2015**, 687-690	0.9	
20	Conflict Resolution in Collaborative User Interface Mashups. *Lecture Notes in Computer Science*, **2015**, 659-662	0.9	
19	AttributeLinking: Exploiting Attributes for Inter-component Communication. *Lecture Notes in Computer Science*, **2016**, 157-161	0.9	
18	The SmartComposition Approach for Creating Environment-Aware Multi-screen Mashups. *Communications in Computer and Information Science*, **2017**, 30-50	0.3	
17	ICWE 2016 Rapid Mashup Challenge: Introduction. *Communications in Computer and Information Science*, **2017**, 1-9	0.3	
16	Challenge Outcome and Conclusion. *Communications in Computer and Information Science*, **2017**, 129-134	0.3	
15	Intelligent End User Development Platform Towards Enhanced Decision-Making. *Lecture Notes in Computer Science*, **2017**, 608-615	0.9	
14	Multi-Touch zur Unterstt;zung agiler Softwareentwicklungsprozesse **2011**, 297-300		
13	End-User-Development and Evolution of Web Applications: The WebComposition EUD Approach. *Lecture Notes in Computer Science*, **2012**, 221-226	0.9	
12	Using Linked Data for Modeling Secure Distributed Web Applications and Services. *Lecture Notes in Computer Science*, **2014**, 540-544	0.9	

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11	Tamper-Evident User Profiles for WebID-Based Social Networks. *Lecture Notes in Computer Science*, **2014**, 470-479	0.9
10	Easing Access for Novice Users in Multi-screen Mashups by Rule-Based Adaption. *Lecture Notes in Computer Science*, **2014**, 511-514	0.9
9	StreamMyRelevance!. *Lecture Notes in Computer Science*, **2014**, 272-289	0.9
8	Building Bridges between Diverse Identity Concepts Using WebID. *Lecture Notes in Computer Science*, **2014**, 498-502	0.9
7	How to Understand Better Smart Vehicle Knowledge Extraction for the Automotive Sector Using Web of Things. *Studies in Computational Intelligence*, **2021**, 303-321	0.8
6	OntoSpect: IoT Ontology Inspection by Concept Extraction and Natural Language Generation. *Lecture Notes in Computer Science*, **2021**, 37-52	0.9
5	Web User Interface as a Message. *Lecture Notes in Computer Science*, **2021**, 88-96	0.9
4	CARDINAL: Contextualized Adaptive Research Data Description INterface Applying LinkedData. *Lecture Notes in Computer Science*, **2021**, 11-27	0.9
3	WTA: Towards a Web-Based Testbed Architecture. *Lecture Notes in Computer Science*, **2021**, 115-123	0.9
2	Applying Predictive Analytics on Research Information to Enhance Funding Discovery and Strengthen Collaboration in Project Proposals. *Lecture Notes in Computer Science*, **2021**, 490-495	0.9
1	Benchmarking Neural Networks-Based Approaches for Predicting Visual Perception of User Interfaces. *Lecture Notes in Computer Science*, **2022**, 217-231	0.9