

Martin Gaedke

List of Publications by Year in Descending Order

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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.

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	Benchmarking Neural Networks-Based Approaches for Predicting Visual Perception of User Interfaces. <i>Lecture Notes in Computer Science</i> , 2022 , 217-231	0.9	
135	We Don't Need No Real Users?! Surveying the Adoption of User-less Automation Tools by UI Design Practitioners. <i>Lecture Notes in Computer Science</i> , 2022 , 406-414	0.9	1
134	How to Understand Better Smart Vehicle Knowledge Extraction for the Automotive Sector Using Web of Things. <i>Studies in Computational Intelligence</i> , 2021 , 303-321	0.8	
133	OntoSpect: IoT Ontology Inspection by Concept Extraction and Natural Language Generation. <i>Lecture Notes in Computer Science</i> , 2021 , 37-52	0.9	
132	Web User Interface as a Message. <i>Lecture Notes in Computer Science</i> , 2021 , 88-96	0.9	
131	CARDINAL: Contextualized Adaptive Research Data Description INTERface Applying LinkedData. <i>Lecture Notes in Computer Science</i> , 2021 , 11-27	0.9	
130	WTA: Towards a Web-Based Testbed Architecture. <i>Lecture Notes in Computer Science</i> , 2021 , 115-123	0.9	
129	Applying Predictive Analytics on Research Information to Enhance Funding Discovery and Strengthen Collaboration in Project Proposals. <i>Lecture Notes in Computer Science</i> , 2021 , 490-495	0.9	
128	I Don't Have That Much Data! Reusing User Behavior Models for Websites from Different Domains. <i>Lecture Notes in Computer Science</i> , 2020 , 146-162	0.9	3
127	VISH: Does Your Smart Home Dialogue System Also Need Training Data?. <i>Lecture Notes in Computer Science</i> , 2020 , 171-187	0.9	0
126	SolidRDP: Applying Solid Data Containers for Research Data Publishing. <i>Lecture Notes in Computer Science</i> , 2020 , 399-415	0.9	1
125	Remembering Florian Daniel. <i>IEEE Internet Computing</i> , 2020 , 24, 58-59	2.4	1
124	Automatic Knowledge Extraction to build Semantic Web of Things Applications. <i>IEEE Internet of Things Journal</i> , 2019 , 6, 8447-8454	10.7	23
123	Webifying Heterogenous Internet of Things Devices. <i>Lecture Notes in Computer Science</i> , 2019 , 509-513	0.9	8
122	Integration Platform for Metric-Based Analysis of Web User Interfaces. <i>Lecture Notes in Computer Science</i> , 2019 , 525-529	0.9	2
121	Auto-Extraction and Integration of Metrics for Web User Interfaces. <i>Journal of Web Engineering</i> , 2019 , 17, 561-590	1.2	9
120	Interoperability in Internet of Things: Taxonomies and Open Challenges. <i>Mobile Networks and Applications</i> , 2019 , 24, 796-809	2.9	200

119	An Automated Cyclic Planning Framework Based on Plan-Do-Check-Act for Web of Things Composition 2019 ,		3
118	WoTDL: Web of Things Description Language for Automatic Composition 2019 ,		10
117	Crowdsourced Reverse Engineering: Experiences in Applying Crowdsourcing to Concept Assignment. <i>Communications in Computer and Information Science</i> , 2019 , 215-239	0.3	1
116	HCI Vision for Automated Analysis and Mining of Web User Interfaces. <i>Lecture Notes in Computer Science</i> , 2018 , 136-144	0.9	9
115	GrOWTH: Goal-Oriented End User Development for Web of Things Devices. <i>Lecture Notes in Computer Science</i> , 2018 , 358-365	0.9	5
114	DaQAR - An Ontology for the Uniform Exchange of Comparable Linked Data Quality Assessment Requirements. <i>Lecture Notes in Computer Science</i> , 2018 , 234-242	0.9	1
113	Natural-Language-Enabled End-User Tool Endowed with Ontology-Based Development. <i>Lecture Notes in Computer Science</i> , 2018 , 473-476	0.9	
112	ReWaMP: Rapid Web Migration Prototyping Leveraging WebAssembly. <i>Lecture Notes in Computer Science</i> , 2018 , 84-92	0.9	1
111	SemQuire - Assessing the Data Quality of Linked Open Data Sources Based on DQV. <i>Lecture Notes in Computer Science</i> , 2018 , 163-175	0.9	5
110	Analysis and Prediction of University Websites Perceptions by Different User Groups 2018 ,		2
109	A Benchmark Model for the Creation of Compute Instance Performance Footprints. <i>Lecture Notes in Computer Science</i> , 2018 , 221-234	0.9	1
108	Interoperability in Internet of Things Infrastructure: Classification, Challenges, and Future Work. <i>Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering</i> , 2018 , 11-18	0.2	14
107	Self-contained web components through serverless computing 2017 ,		4
106	Evaluation of User-Subjective Web Interface Similarity with Kansei Engineering-Based ANN 2017 ,		3
105	An application meta-model to support the execution and benchmarking of scientific applications in multi-cloud environments 2017 ,		1
104	The SmartComposition Approach for Creating Environment-Aware Multi-screen Mashups. <i>Communications in Computer and Information Science</i> , 2017 , 30-50	0.3	
103	Web Intelligence Linked Open Data for Website Design Reuse. <i>Lecture Notes in Computer Science</i> , 2017 , 370-377	0.9	4
102	ICWE 2016 Rapid Mashup Challenge: Introduction. <i>Communications in Computer and Information Science</i> , 2017 , 1-9	0.3	

101	Web Migration - A Survey Considering the SME Perspective 2017 ,		2
100	Challenge Outcome and Conclusion. <i>Communications in Computer and Information Science</i> , 2017 , 129-134.	3	
99	Intelligent End User Development Platform Towards Enhanced Decision-Making. <i>Lecture Notes in Computer Science</i> , 2017 , 608-615		0.9
98	Towards Handling Constraint Network Conditions Between WoT Entities Using Conflict-Free Anti-Entropy Communication. <i>Lecture Notes in Computer Science</i> , 2016 , 576-580		0.9
97	Measuring and Ensuring Similarity of User Interfaces: The Impact of Web Layout. <i>Lecture Notes in Computer Science</i> , 2016 , 252-260		0.9 7
96	SmartComposition: Extending Web Applications to Multi-screen Mashups. <i>Communications in Computer and Information Science</i> , 2016 , 50-62		0.3 1
95	AttributeLinking: Exploiting Attributes for Inter-component Communication. <i>Lecture Notes in Computer Science</i> , 2016 , 157-161		0.9
94	Extending Kansei Engineering for Requirements Consideration in Web Interaction Design. <i>Lecture Notes in Computer Science</i> , 2016 , 513-518		0.9 1
93	Current trends in automating usability evaluation of websites: Can you manage what you can't measure? 2016 ,		9
92	Practical Web Data Extraction: Are We There Yet? - A Short Survey 2016 ,		5
91	Application of evolutionary algorithms in interaction design: From requirements and ontology to optimized web interface 2016 ,		7
90	KESeDa 2016 ,		1
89	Towards Efficient Resource Management in Cloud Computing: A Survey 2016 ,		8
88	Secure Storing of E-Health Records in the Cloud. <i>Lecture Notes in Computer Science</i> , 2015 , 635-638		0.9
87	S.O.S. 2015 ,		4
86	SmartComposition 2015 ,		1
85	Inuit: The Interface Usability Instrument. <i>Lecture Notes in Computer Science</i> , 2015 , 256-268		0.9 2
84	SmartComposition 2015 ,		2

83	Loop Discovery in Publish-Subscribe-Based User Interface Mashups. <i>Lecture Notes in Computer Science</i> , 2015 , 683-686	0.9	1
82	Scope-Aware Delegations in Distributed Social Networks. <i>Lecture Notes in Computer Science</i> , 2015 , 709-713	0.9	0
81	ProProtect3: An Approach for Protecting User Profile Data from Disclosure, Tampering, and Improper Use in the Context of WebID. <i>Lecture Notes in Computer Science</i> , 2015 , 87-127	0.9	0
80	Supporting the Development of Team-Climate-Aware Collaborative Web Applications. <i>Lecture Notes in Computer Science</i> , 2015 , 663-666	0.9	1
79	NELMeS: Finding the Best Based on the People Available Leveraging the Crowd. <i>Lecture Notes in Computer Science</i> , 2015 , 687-690	0.9	0
78	Conflict Resolution in Collaborative User Interface Mashups. <i>Lecture Notes in Computer Science</i> , 2015 , 659-662	0.9	0
77	Enriching single-user web applications non-invasively with shared editing support. <i>Science of Computer Programming</i> , 2014 , 94, 53-66	1.1	0
76	Mockup-Driven Development: Providing agile support for Model-Driven Web Engineering. <i>Information and Software Technology</i> , 2014 , 56, 670-687	3.4	36
75	Toward Collaborative Software Engineering Leveraging the Crowd 2014 , 159-182		5
74	Utilizing architecture models for secure distributed web applications and services. <i>IT - Information Technology</i> , 2014 , 56, 112-118	0.4	1
73	Enhancing media enrichment by semantic extraction 2014 ,		4
72	Collaborative adaptive case management with linked data 2014 ,		5
71	Towards Real-time Collaboration in User Interface Mashups 2014 ,		2
70	SmartComposition: A Component-Based Approach for Creating Multi-screen Mashups. <i>Lecture Notes in Computer Science</i> , 2014 , 236-253	0.9	9
69	An Extensible, Model-Driven and End-User Centric Approach for API Building. <i>Lecture Notes in Computer Science</i> , 2014 , 494-497	0.9	4
68	Ensuring Web Interface Quality through Usability-Based Split Testing. <i>Lecture Notes in Computer Science</i> , 2014 , 93-110	0.9	11
67	From Choreographed to Hybrid User Interface Mashups: A Generic Transformation Approach. <i>Lecture Notes in Computer Science</i> , 2014 , 145-162	0.9	3
66	Using Linked Data for Modeling Secure Distributed Web Applications and Services. <i>Lecture Notes in Computer Science</i> , 2014 , 540-544	0.9	0

65	Tamper-Evident User Profiles for WebID-Based Social Networks. <i>Lecture Notes in Computer Science</i> , 2014 , 470-479	0.9	
64	Easing Access for Novice Users in Multi-screen Mashups by Rule-Based Adaption. <i>Lecture Notes in Computer Science</i> , 2014 , 511-514	0.9	
63	WaPPU: Usability-Based A/B Testing. <i>Lecture Notes in Computer Science</i> , 2014 , 545-549	0.9	1
62	StreamMyRelevance!. <i>Lecture Notes in Computer Science</i> , 2014 , 272-289	0.9	
61	Building Bridges between Diverse Identity Concepts Using WebID. <i>Lecture Notes in Computer Science</i> , 2014 , 498-502	0.9	
60	CRAWLIE: Distributed Skill Endorsements in Expert Finding. <i>Lecture Notes in Computer Science</i> , 2014 , 57-75	0.9	1
59	TellMyRelevance! 2013 ,		9
58	Was That Webpage Pleasant to Use? Predicting Usability Quantitatively from Interactions. <i>Lecture Notes in Computer Science</i> , 2013 , 335-339	0.9	1
57	Analyzing the suitability of web applications for a single-user to multi-user transformation 2013 ,		2
56	Complementary assistance mechanisms for end user mashup composition 2013 ,		10
55	The chroma+ approach to enrich video content using HTML5 2013 ,		3
54	Exploiting annotations for the rapid development of collaborative web applications 2013 ,		5
53	Protecting User Profile Data in WebID-Based Social Networks Through Fine-Grained Filtering. <i>Lecture Notes in Computer Science</i> , 2013 , 269-280	0.9	6
52	Media Enrichment on Distributed Displays by Selective Information Presentation: A First Prototype. <i>Lecture Notes in Computer Science</i> , 2013 , 51-53	0.9	3
51	Awareness and Control for Inter-Widget Communication: Challenges and Solutions. <i>Lecture Notes in Computer Science</i> , 2013 , 114-122	0.9	6
50	MockAPI: An Agile Approach Supporting API-first Web Application Development. <i>Lecture Notes in Computer Science</i> , 2013 , 7-21	0.9	10
49	Customized Views on Profiles in WebID-Based Distributed Social Networks. <i>Lecture Notes in Computer Science</i> , 2013 , 498-501	0.9	4
48	Inter-Widget Communication by Demonstration in User Interface Mashups. <i>Lecture Notes in Computer Science</i> , 2013 , 502-505	0.9	5

47	The SWAC Approach for Sharing a Web Application's Codebase Between Server and Client. <i>Lecture Notes in Computer Science, 2013</i> , 84-98	0.9	0
46	GAWL: A Comprehensive Workspace Awareness Library for Collaborative Web Applications. <i>Lecture Notes in Computer Science, 2013</i> , 482-485	0.9	0
45	Towards Metric-based Usability Evaluation of Online Web Interfaces 2013 , 277-282		4
44	. <i>IEEE Internet Computing, 2012</i> , 16, 70-76	2.4	12
43	End-user-oriented telco mashups 2012 ,		28
42	Exploiting single-user web applications for shared editing 2012 ,		29
41	Data binding for standard-based web applications 2012 ,		6
40	Integration of Telco Services into Enterprise Mashup Applications. <i>Lecture Notes in Computer Science, 2012</i> , 37-48	0.9	4
39	Reusable Awareness Widgets for Collaborative Web Applications [A Non-invasive Approach]. <i>Lecture Notes in Computer Science, 2012</i> , 1-15	0.9	5
38	Extending Web Standards-Based Widgets towards Inter-Widget Communication. <i>Lecture Notes in Computer Science, 2012</i> , 93-96	0.9	3
37	Enriching Web Applications with Collaboration Support Using Dependency Injection. <i>Lecture Notes in Computer Science, 2012</i> , 473-476	0.9	1
36	End-User-Development and Evolution of Web Applications: The WebComposition EUD Approach. <i>Lecture Notes in Computer Science, 2012</i> , 221-226	0.9	
35	Business Process Integration using Telco Mashups. <i>Procedia Computer Science, 2011</i> , 5, 677-680	1.6	
34	. <i>IEEE Internet Computing, 2011</i> , 15, 80-83	2.4	12
33	Multi-Touch zur Unterstützung agiler Softwareentwicklungsprozesse 2011 , 297-300		
32	WebSoDa: A Tailored Data Binding Framework for Web Programmers Leveraging the WebSocket Protocol and HTML5 Microdata. <i>Lecture Notes in Computer Science, 2011</i> , 387-390	0.9	6
31	Ubiquitous Microblogging: A Flow-Based Front-End for Information Logistics. <i>Lecture Notes in Business Information Processing, 2010</i> , 158-167	0.6	2
30	Discovering and Maintaining Links on the Web of Data. <i>Lecture Notes in Computer Science, 2009</i> , 650-665	0.9	157

29	WebComposition/DGS: Supporting Web2.0 Developments with Data Grids 2008 ,		1
28	Identifying Security Aspects in Web-Based Federations 2008 ,		1
27	A domain-specific language for the model-driven construction of advanced web-based dialogs 2008 ,		3
26	The Web as an Application Platform 2008 , 33-45		2
25	Enabling Architecture Changes in Distributed Web-Applications 2007 ,		1
24	A Workflow-Driven Approach for the Efficient Integration of Web Services in Portals 2007 ,		3
23	Component-Based Content Linking Beyond the Application 2007 , 427-441		
22	Web Accessibility Evaluation Via XSLT 2007 , 459-469		
21	WAEX: Web Accessibility Evaluator in a Single XSLT File 2006 ,		2
20	M2M interface: a Web services-based framework for federated enterprise management 2005 ,		6
19	Aspects of service-oriented component procurement in web-based information systems. <i>International Journal of Web Information Systems</i> , 2005 , 1, 15-24	0.9	2
18	WCAG Formalization with W3C standards 2005 ,		5
17	Web composition with WCAG in mind 2005 ,		5
16	A modeling approach to federated identity and access management 2005 ,		18
15	Building Blocks for Identity Federations. <i>Lecture Notes in Computer Science</i> , 2005 , 203-208	0.9	1
14	WCAG Formalization with W3C Techniques. <i>Lecture Notes in Computer Science</i> , 2005 , 615-617	0.9	2
13	Software Contracts for Component-Based Web Engineering 2005 , 2557-2561		
12	Supporting Secure Deployment of Portal Components. <i>Lecture Notes in Computer Science</i> , 2004 , 516-520.	0.9	1

11	Specification of Components Based on the WebComposition Component Model 2002 , 275-284		1
10	Development and Evolution of Web-Applications Using the WebComposition Process Model. <i>Lecture Notes in Computer Science</i> , 2001 , 58-76	0.9	4
9	Integrating Web-based e-commerce applications with business application systems. <i>NETNOMICS: Economic Research and Electronic Networking</i> , 2000 , 2, 117-138	2.3	2
8	WCML 2000 ,		9
7	Supporting compositional reuse in component-based Web engineering 2000 ,		9
6	Construction of Adaptive Web-Applications from Reusable Components. <i>Lecture Notes in Computer Science</i> , 2000 , 1-13	0.9	3
5	Object-oriented Web application development. <i>IEEE Internet Computing</i> , 1999 , 3, 60-68	2.4	54
4	Web Content Delivery to Heterogeneous Mobile Platforms. <i>Lecture Notes in Computer Science</i> , 1999 , 205-217	0.9	7
3	WebComposition: an object-oriented support system for the Web engineering lifecycle. <i>Computer Networks</i> , 1997 , 29, 1429-1437		28
2	Modeling federations of Web applications with WAM		3
1	Web Engineering Revisited		2