Marco Brambilla

List of Publications by Year
in descending order

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188	2,311	430754	360920
papers	citations	18 h-index	35 g-index

210	210	210	1604
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Towards Access Control Models forÂConversational User Interfaces. Lecture Notes in Business Information Processing, 2022, , 310-317.	0.8	1
2	EFSG: Evolutionary Fooling Sentences Generator. , 2021, , .		1
3	The role of social media in long-running live events: The case of the Big Four fashion weeks dataset. Data in Brief, 2021, 35, 106840.	0.5	9
4	A multi-perspective approach for analyzing long-running live events on social media. A case study on the â€œBig Fourâ€•international fashion weeks. Online Social Networks and Media, 2021, 24, 100140.	2.3	4
5	Towards a model-driven approach for multiexperience AI-based user interfaces. Software and Systems Modeling, 2021, 20, 997-1009.	2.2	10
6	The Contribution of Online Reviews for Quality Evaluation of Cultural Tourism Offers: The Experience of Italian Museums. Sustainability, 2021, 13, 13340.	1.6	9
7	Content-based characterization of online social communities. Information Processing and Management, 2020, 57, 102133.	5.4	6
8	Domain expertiseâ€“agnostic feature selection for the analysis of breast cancer data*. Artificial Intelligence in Medicine, 2020, 108, 101928.	3.8	9
9	Measuring Controversy in Social Networks Through NLP. Lecture Notes in Computer Science, 2020, , 194-209.	1.0	5
10	Participation Inequality and the 90-9-1 Principle in Open Source. , 2020, , .		4
11	Generation of Realistic Navigation Paths for Web Site Testing Using Recurrent Neural Networks and Generative Adversarial Neural Networks. Lecture Notes in Computer Science, 2020, , 244-258.	1.0	1
12	Models and Practices in Urban Data Science at Scale. Big Data Research, 2019, 17, 66-84.	2.6	22
13	The Smart Grid Semantic Platform: Synergy between IEC Common Information Model (CIM) and Big Data. , 2019, , .		6
14	A note on intelligent exploration of semantic data. Semantic Web, 2019, 10, 525-527.	1.1	0
15	Assigning users to domains of interest based on content and network similarity with champion instances. , 2019, , .		3
16	Vocabulary-based community detection and characterization. , 2019, , .		8
17	Brand community analysis on social networks using graph representation learning. , 2019, , .		2
18	Analyzing rich-club behavior in open source projects. , 2019, , .		2

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19	Modeling, Modeling, Modeling: From Web to Enterprise to Crowd to Social. Studies in Big Data, 2018, , 235-251.	0.8	0
20	Content-based Classification of Political Inclinations of Twitter Users. , 2018, , .		8
21	Analyzing and Predicting the US Midterm Elections on Twitter with Recurrent Neural Networks. , 2018, , .		3
22	The Problem of Data Cleaning for Knowledge Extraction from Social Media. Lecture Notes in Computer Science, 2018, , 115-125.	1.0	3
23	Iterative Knowledge Extraction from Social Networks. , 2018, , .		8
24	Cognifying Model-Driven Software Engineering. Lecture Notes in Computer Science, 2018, , 154-160.	1.0	17
25	Harvesting Knowledge from Social Networks: Extracting Typed Relationships Among Entities. Lecture Notes in Computer Science, 2018, , 223-227.	1.0	1
26	A User Modeling Pipeline for Studying Polarized Political Events in Social Media. Lecture Notes in Computer Science, 2018, , 101-114.	1.0	1
27	The SKA dish local monitoring and control system user interface. , 2018, , .		0
28	Analysing the cognitive effectiveness of the WebML visual notation. Software and Systems Modeling, 2017, 16, 195-227.	2.2	22
29	Extracting Emerging Knowledge from Social Media. , 2017, , .		28
30	Integrating Modeling Languages and Web Logs for Enhanced User Behavior Analytics. , 2017, , .		8
31	Model-Driven Software Engineering in Practice: Second Edition. Synthesis Lectures on Software Engineering, 2017, 3, 1-207.	1.9	147
32	Dissecting Design Effort and Drawing Effort in UML Modeling. , 2017, , .		5
33	Analysis of Online User Behaviour for Art and Culture Events. Lecture Notes in Computer Science, 2017, , 219-236.	1.0	3
34	Spatial Analysis of Social Media Response to Live Events. , 2017, , .		8
35	Better call the crowd: using crowdsourcing to shape the notation of domain-specific languages. , 2017, , .		7
36	Urbanscope: A Lens to Observe Language Mix in Cities. American Behavioral Scientist, 2017, 61, 774-793.	2.3	7

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37	Model-driven development of user interfaces for IoT systems via domain-specific components and patterns. Journal of Internet Services and Applications, 2017, 8, .	1.6	47
38	Comparison of different driving style analysis approaches based on trip segmentation over GPS information. , 2017, , .		11
39	A Big Data Analysis Framework for Model-Based Web User Behavior Analytics. Lecture Notes in Computer Science, 2017, , 98-114.	1.0	12
40	RSPLab: RDF Stream Processing Benchmarking Made Easy. Lecture Notes in Computer Science, 2017, , 202-209.	1.0	16
41	Model-driven Development of User Interfaces for IoT Systems via Domain-specific Components and Patterns. , 2017, , .		3
42	On the quest for changing knowledge. , 2016, , .		3
43	A model-based method for seamless web and mobile experience. , 2016, , .		9
44	TripleWave: Spreading RDF Streams on the Web. Lecture Notes in Computer Science, 2016, , 140-149.	1.0	29
45	Model Driven Development Approaches for Mobile Applications: A Survey. Lecture Notes in Computer Science, 2016, , 93-107.	1.0	27
46	How Twitter reveals Cities within Cities. , 2016, , .		1
47	Modeling and Analyzing Engagement in Social Network Challenges. Lecture Notes in Computer Science, 2016, , 140-154.	1.0	0
48	Alternatives to gas flaring: a multi-criteria decision approach applied to a case study in Russia. International Journal of Sustainable Engineering, 2016, 9, 154-169.	1.9	4
49	Automatic code generation for cross-platform, multi-device mobile apps: some reflections from an industrial experience. , 2015, , .		17
50	Tools for model-driven development of interactive applications. , 2015, , 335-358.		1
51	Model-Driven Development and Business Process Modeling Applied to Personal Productivity in the Consumer Mobile App Market. , 2015, , .		2
52	Model-Driven Development of Cross-Platform Mobile Applications with Web Ratio and IFML. , 2015, , .		11
53	An empirical study on simplification of business process modeling languages. , 2015, , .		2
54	Domain modeling. , 2015, , 25-50.		0

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55	Model-Driven Development Based on OMGâ€™s IFML with WebRatio Web and Mobile Platform. Lecture Notes in Computer Science, 2015, , 605-608.	1.0	14
56	IFML by examples. , 2015, , 233-277.		0
57	Adaptive and Interoperable Crowdsourcing. IEEE Internet Computing, 2015, 19, 36-44.	3.2	3
58	An Explorative Approach for Crowdsourcing Tasks Design. , 2015, , .		3
59	Tailoring software architecture concepts and process for mobile application development. , 2015, , .		4
60	Personal, Social and Event Organization Through Web and Mobile Apps: The Fluxedo Case. Lecture Notes in Computer Science, 2015, , 609-612.	1.0	3
61	Implementation of applications specified with IFML. , 2015, , 279-334.		2
62	IFML in a Nutshell. , 2015, , 9-24.		0
63	IFML extensions. , 2015, , 137-166.		0
64	IFML language design, execution, and integration. , 2015, , 359-380.		0
65	Modeling patterns. , 2015, , 167-231.		0
66	Modeling business actions. , 2015, , 115-136.		0
67	Modeling the composition of the user interface. , 2015, , 51-76.		0
68	Modeling interface content and navigation. , 2015, , 77-114.		0
69	Textual and Content-Based Search in Repositories of Web Application Models. ACM Transactions on the Web, 2014, 8, 1-47.	2.0	15
70	Community-based crowdsourcing. , 2014, , .		4
71	Large-scale Model-Driven Engineering of web user interaction: The WebML and WebRatio experience. Science of Computer Programming, 2014, 89, 71-87.	1.5	45
72	Extending the Interaction Flow Modeling Language (IFML) for Model Driven Development of Mobile Applications Front End. Lecture Notes in Computer Science, 2014, , 176-191.	1.0	36

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73	Platform-Independence in Model-Driven Development of Graphical User Interfaces for Multiple Devices. Communications in Computer and Information Science, 2014, , 180-195.	0.4	1
74	Enriching Live Event Participation with Social Network Content Analysis and Visualization. Lecture Notes in Computer Science, 2014, , 159-170.	1.0	0
75	Exploratory search framework for Web data sources. VLDB Journal, 2013, 22, 641-663.	2.7	16
76	Special issue on structured and crowd-sourced data on the Web. VLDB Journal, 2013, 22, 587-588.	2.7	3
77	A bottom-up, knowledge-aware approach to integrating and querying web data services. ACM Transactions on the Web, 2013, 7, 1-33.	2.0	10
78	Web Information Retrieval. , 2013, , .		25
79	Multimedia Search. , 2013, , 207-221.		0
80	Choosing the right crowd. , 2013, , .		94
81	Reactive crowdsourcing. , 2013, , .		32
82	Human Computation for Organizations: Socializing Business Process Management. , 2013, , 255-264.		3
83	Recommendation and Diversification for the Web. , 2013, , 111-120.		0
84	Ontological Description and Similarity-Based Discovery of Business Process Models. , 2013, , 30-50.		0
85	Semantic Search. , 2013, , 181-206.		1
86	Advertising in Search. , 2013, , 121-133.		0
87	Answering search queries with CrowdSearcher. , 2012, , .		78
88	A revenue sharing mechanism for federated search and advertising. , 2012, , .		7
89	Web Data Management through Crowdsourcing Upon Social Networks. , 2012, , .		1
90	Welcome to the fourth international workshop on search-driven development: Users, Infrastructures, Tools, and Evaluation (SUITE 2012). , 2012, , .		0

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91	From requirements to implementation of ad-hoc social Web applications: an empirical pattern-based approach. IET Software, 2012, 6, 114.	1.5	5
92	Search upon UML repositories with text matching techniques. , 2012, , .		0
93	Model-Driven Software Engineering in Practice. Synthesis Lectures on Software Engineering, 2012, 1, 1-182.	1.9	254
94	Combining social web and BPM for improving enterprise performances. , 2012, , .		49
95	BPMN and Design Patterns for Engineering Social BPM Solutions. Lecture Notes in Business Information Processing, 2012, , 219-230.	0.8	40
96	MoScript: A DSL for Querying and Manipulating Model Repositories. Lecture Notes in Computer Science, 2012, , 180-200.	1.0	20
97	Extending Search to Crowds: A Model-Driven Approach. Lecture Notes in Computer Science, 2012, , 207-222.	1.0	2
98	Model-Driven Development of Social Network Enabled Applications with WebML and Social Primitives. Lecture Notes in Computer Science, 2012, , 41-55.	1.0	12
99	Diversification for Multi-domain Result Sets. Lecture Notes in Computer Science, 2012, , 137-152.	1.0	1
100	Mobile Multi-domain Search over Structured Web Data. Lecture Notes in Computer Science, 2012, , 98-110.	1.0	0
101	Designing Exploratory Search Applications upon Web Data Sources. Data-centric Systems and Applications, 2012, , 61-77.	0.2	1
102	Extracting Information from Google Fusion Tables. Lecture Notes in Computer Science, 2012, , 53-67.	1.0	0
103	An Incentiveâ€“Compatible Revenueâ€“Sharing Mechanism for the Economic Sustainability of Multiâ€“domain Search Based on Advertising. Lecture Notes in Computer Science, 2012, , 240-254.	1.0	0
104	Content-based search of model repositories with graph matching techniques. , 2011, , .		3
105	A Framework for Integrating, Exploring, and Searching Location-Based Web Data. IEEE Internet Computing, 2011, 15, 24-31.	3.2	8
106	Diversification for multi-domain result sets. , 2011, , .		0
107	Exploratory search in multi-domain information spaces with liquid query. , 2011, , .		7
108	Search computing. , 2011, , .		8

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109	Information Exploration in Search Computing. Lecture Notes in Computer Science, 2011, , 10-25.	1.0	4
110	Tools Supporting Search Computing Application Development. Lecture Notes in Computer Science, 2011, , 169-181.	1.0	5
111	On Development Practices for End Users. Lecture Notes in Computer Science, 2011, , 192-200.	1.0	2
112	Trends in Search Interaction. Lecture Notes in Computer Science, 2011, , 26-32.	1.0	4
113	Visualization of Multi-domain Ranked Data. Lecture Notes in Computer Science, 2011, , 53-69.	1.0	7
114	The Anatomy of a Multi-domain Search Infrastructure. Lecture Notes in Computer Science, 2011, , 1-12.	1.0	4
115	Graph-Based Search over Web Application Model Repositories. Lecture Notes in Computer Science, 2011, , 90-104.	1.0	8
116	A Notation for Supporting Social Business Process Modeling. Lecture Notes in Business Information Processing, 2011, , 88-102.	0.8	15
117	Ontological Description and Similarity-Based Discovery of Business Process Models. International Journal of Information System Modeling and Design, 2011, 2, 47-66.	0.9	3
118	Model-Based Dynamic and Adaptive Visualization for Multi-domain Search Results. Lecture Notes in Computer Science, 2011, , 367-370.	1.0	0
119	Search Computing: Addressing Complex Search on the Web. , 2011, , 1-15.		0
120	Exploratory Multi-domain Search on Web Data Sources with Liquid Queries. Lecture Notes in Computer Science, 2011, , 363-366.	1.0	0
121	A Constraint Programming Approach to Automatic Layout Definition for Search Results. Lecture Notes in Computer Science, 2011, , 371-374.	1.0	0
122	Search Computing: Managing Complex Search Queries. IEEE Internet Computing, 2010, 14, 14-22.	3.2	9
123	Extending Conceptual Schemas with Business Process Information. Advances in Software Engineering, 2010, 2010, 1-22.	0.6	8
124	Integration of a human face annotation technology in an audio-visual search engine platform. , 2010, , .		1
125	Liquid query. , 2010, , .		49
126	Chapter 13: Liquid Queries and Liquid Results in Search Computing. Lecture Notes in Computer Science, 2010, , 244-267.	1.0	3

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127	Searching Repositories of Web Application Models. Lecture Notes in Computer Science, 2010, , 1-15.	1.0	8
128	WebRatio BPM: A Tool for Designing and Deploying Business Processes on the Web. Lecture Notes in Computer Science, 2010, , 415-429.	1.0	18
129	Search Computing: A Model-Driven Perspective. Lecture Notes in Computer Science, 2010, , 1-15.	1.0	2
130	Model-based service-oriented architectures for Internetworked Enterprises. , 2010, , 61-96.		0
131	A Tool for Model-Driven Design of Rich Internet Applications Based on AJAX. , 2010, , 96-118.		3
132	Tools for Modeling and Generating Safe Interface Interactions in Web Applications. Lecture Notes in Computer Science, 2010, , 482-485.	1.0	0
133	A Service-Based Architecture for Multi-domain Search on the Web. Lecture Notes in Computer Science, 2010, , 663-669.	1.0	2
134	Chapter 14: Building Search Computing Applications. Lecture Notes in Computer Science, 2010, , 268-290.	1.0	5
135	Search Computing Systems. Notes on Numerical Fluid Mechanics and Multidisciplinary Design, 2010, , 1-6.	0.2	2
136	Engineering search computing applications. , 2009, , .		3
137	Ontology-Based Description and Discovery of Business Processes. Lecture Notes in Business Information Processing, 2009, , 85-98.	0.8	14
138	Special Session: Multimedia Indexing for Content Based Search. , 2009, , .		0
139	Model-Driven Engineering of Service Orchestrations. , 2009, , .		10
140	Model-Driven Design of Audiovisual Indexing Processes for Search-Based Applications. , 2009, , .		3
141	A Conceptual Modeling Approach to Business Service Mashup Development. , 2009, , .		16
142	Comparison: Mediation on WebML/WebRatio and jABC/jETI. Semantic Web and Beyond, 2009, , 153-166.	0.1	4
143	A Transformation Framework to Bridge Domain Specific Languages to MDA. Lecture Notes in Computer Science, 2009, , 167-180.	1.0	9
144	The History of WebML Lessons Learned from 10 Years of Model-Driven Development of Web Applications. Lecture Notes in Computer Science, 2009, , 273-292.	1.0	26

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145	Modelling Safe Interface Interactions in Web Applications. Lecture Notes in Computer Science, 2009, , 387-400.	1.0	5
146	Pharos. , 2009, , .		4
147	Conceptual Modeling of Multimedia Search Applications Using Rich Process Models. Lecture Notes in Computer Science, 2009, , 315-329.	1.0	1
148	Model-Driven Development of Audio-Visual Web Search Applications: The PHAROS Demonstration. Lecture Notes in Computer Science, 2009, , 513-517.	1.0	0
149	A Software Engineering Approach based on WebML and BPMN to the Mediation Scenario of the SWS Challenge. Semantic Web and Beyond, 2009, , 51-70.	0.1	1
150	Comparison: Mediation Solutions of WSMOLX and WebML/WebRatio. Semantic Web and Beyond, 2009, , 141-152.	0.1	0
151	Web Applications Design and Development with WebML and WebRatio 5.0. Lecture Notes in Business Information Processing, 2008, , 392-411.	0.8	24
152	Adjoint time domain method for fluorescent imaging in turbid media. Applied Optics, 2008, 47, 2303.	2.1	6
153	Depth dependence of estimated optical properties of a scattering inclusion by time-resolved contrast functions. Optics Express, 2008, 16, 17667.	1.7	3
154	Business Process-Based Conceptual Design of Rich Internet Applications. , 2008, , .		26
155	MVC-Webflow: An AJAX Tool for Online Modeling of MVC-2 Web Applications. , 2008, , .		6
156	Modeling Ontology-Driven Personalization of Web Contents. , 2008, , .		5
157	Designing Web Applications with Webml and Webratio. Human-computer Interaction Series, 2008, , 221-261.	0.4	20
158	Experiences in the Design of Semantic Services Using Web Engineering Methods and Tools. Lecture Notes in Computer Science, 2008, , 1-31.	1.0	1
159	Extending WebML towards semantic web. , 2007, , .		4
160	Semantic personalization of web portal contents. , 2007, , .		8
161	Applying Web-based Networking Protocols and Software Architectures for providing adaptivity, personalization, and remotization features to Industrial Human Machine Interface Applications. International Conference on Advanced Networking and Applications, 2007, , .	0.0	2
162	Time-resolved scanning system for double reflectance and transmittance fluorescence imaging of small animals. Proceedings of SPIE, 2007, , .	0.8	0

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163	Data and web management research at Politecnico di Milano. SIGMOD Record, 2007, 36, 43-48.	0.7	0
164	WebML and Glue: An Integrated Discovery Approach for the SWS Challenge. , 2007, , .		0
165	Model-driven design and development of semantic Web service applications. ACM Transactions on Internet Technology, 2007, 8, 3.	3.0	44
166	WebML and Glue: An Integrated Discovery Approach for the SWS Challenge. , 2007, , .		2
167	Building Semantic Web Portals with WebML. , 2007, , 312-327.		4
168	WebRatio 5: An Eclipse-Based CASE Tool for Engineering Web Applications. , 2007, , 501-505.		27
169	Tool Support for Model Checking of Web Application Designs. , 2007, , 533-538.		5
170	Developing eBusiness Solutions with a Model Driven Approach: The Case of Acer EMEA. , 2007, , 539-544.		11
171	Automatic Generation of Workflow-Extended Domain Models. Lecture Notes in Computer Science, 2007, , 375-389.	1.0	10
172	Design Abstractions for Innovative Web Applications: The Case of the SOA Augmented with Semantics. Lecture Notes in Computer Science, 2007, , 4-15.	1.0	0
173	Process modeling in Web applications. ACM Transactions on Software Engineering and Methodology, 2006, 15, 360-409.	4.8	116
174	A CASE tool for modelling and automatically generating web service-enabled applications. International Journal of Web Engineering and Technology, 2006, 2, 354.	0.1	11
175	Constraint tuning and management for web applications. , 2006, , .		4
176	Generation of WebML web application models from business process specifications. , 2006, , .		10
177	A Software Engineering Approach to Design and Development of Semantic Web Service Applications. Lecture Notes in Computer Science, 2006, , 172-186.	1.0	35
178	Exception Management Within Web Applications Implementing Business Processes. Lecture Notes in Computer Science, 2006, , 101-120.	1.0	3
179	Model-driven design of service-enabled web applications. , 2005, , .		10
180	Exception handling in workflow-driven Web applications. , 2005, , .		39

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181	The Role of Visual Tools in a Web Application Design and Verification Framework: A Visual Notation for LTL Formulae. Lecture Notes in Computer Science, 2005, , 557-568.	1.0	21
182	Model-driven design and deployment of service-enabled web applications. ACM Transactions on Internet Technology, 2005, 5, 439-479.	3.0	89
183	Asynchronous Web Services Communication Patterns in Business Protocols. Lecture Notes in Computer Science, 2005, , 435-442.	1.0	5
184	Declarative specification of Web applications exploiting Web services and workflows. , 2004, , .		7
185	Managing asynchronous Web services interactions. , 2004, , .		25
186	Exception Handling Within Workflow-Based Web Applications. Lecture Notes in Computer Science, 2004, , 103-117.	1.0	2
187	Extending Hypertext Conceptual Models with Process-Oriented Primitives. Lecture Notes in Computer Science, 2003, , 246-262.	1.0	10
188	Ontological Description and Similarity-Based Discovery of Business Process Models. , 0, , 846-866.		0