Oscar Diaz

List of Publications by Year
in descending order

112	1,484	566801 15	433756 31
papers	citations	h-index	g-index

129	129	129	914
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Active database systems. ACM Computing Surveys, 1999, 31, 63-103.	16.1	390
2	Using Health Chatbots for Behavior Change: A Mapping Study. Journal of Medical Systems, 2019, 43, 135.	2.2	134
3	Feature Oriented Model Driven Development: A Case Study for Portlets. Proceedings - International Conference on Software Engineering, 2007, , .	0.0	85
4	A Model-Driven Development for GWT-Based Rich Internet Applications with OOH4RIA. , 2008, , .		67
5	Feature refactoring a multi-representation program into a product line. , 2006, , .		46
6	Model Transformation Co-evolution: A Semi-automatic Approach. Lecture Notes in Computer Science, 2013, , 144-163.	1.0	33
7	Dimensions of Active Behaviour. Workshops in Computing, 1994, , 40-57.	0.4	31
8	Architectural and Technological Variability in Rich Internet Applications. IEEE Internet Computing, 2010, 14, 24-32.	3.2	30
9	DEAR: a DEbugger for Active Rules in an object-oriented context. Workshops in Computing, 1994, , 180-193.	0.4	28
10	The Augmented Web. ACM Transactions on the Web, 2015, 9, 1-30.	2.0	27
11	EXACT: an extensible approach to active object-oriented databases. VLDB Journal, 1997, 6, 282-295.	2.7	26
12	Chatbot Dimensions that Matter: Lessons from the Trenches. Lecture Notes in Computer Science, 2018, , 129-135.	1.0	26
13	Combining active rules and metaclasses for enhanced extensibility in object-oriented systems. Data and Knowledge Engineering, 1993, 10, 45-63.	2.1	22
14	Generative metaprogramming. , 2007, , .		22
15	A language for end-user web augmentation. ACM Transactions on the Web, 2013, 7, 1-51.	2.0	21
16	Tuning GitHub for SPL development. , 2015, , .		20
17	Harvesting models from web 2.0 databases. Software and Systems Modeling, 2013, 12, 15-34.	2.2	18
18	User acceptance testing for Agile-developed web-based applications: Empowering customers through wikis and mind maps. Journal of Systems and Software, 2017, 133, 212-229.	3.3	18

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19	A quality analysis of facebook messenger's most popular chatbots. , 2018, , .		18
20	Facing Interaction-Rich RIAs: The Orchestration Model. , 2008, , .		17
21	Improving portlet interoperability through deep annotation. , 2005, , .		15
22	Understanding Web Augmentation. Lecture Notes in Computer Science, 2012, , 79-80.	1.0	15
23	Supporting dynamic displays using active rules. SIGMOD Record, 1994, 23, 21-26.	0.7	14
24	End-User Browser-Side Modification of Web Pages. Lecture Notes in Computer Science, 2014, , 293-307.	1.0	13
25	On the application of model-driven engineering in data reengineering. Information Systems, 2017, 72, 136-160.	2.4	12
26	Web Augmentation as a Promising Technology for End User Development. , 2017, , 433-459.		12
27	Turning Web Applications into Portlets: Raising the Issues. , 0, , .		11
28	Wiki Scaffolding: Aligning wikis with the corporate strategy. Information Systems, 2012, 37, 737-752.	2.4	11
29	Extending ODBMSs using metaclasses. IEEE Software, 1994, 11, 40-47.	2.1	10
30	Promoting business policies in object-oriented methods. Journal of Systems and Software, 1998, 41, 105-115.	3.3	10
31	Improving a portlet usability model. Software Quality Journal, 2007, 15, 155-177.	1.4	10
32	Generating blogs out of product catalogues: An MDE approach. Journal of Systems and Software, 2010, 83, 1970-1982.	3.3	10
33	On Refining XML Artifacts. , 2007, , 473-478.		10
34	Providing Personalized Mashups Within the Context of Existing Web Applications. , 2007, , 493-502.		10
35	Deriving Active Rules for Constraint Maintenance in an Object-Oriented Database. , 1992, , 332-337.		10
36	Addressing web locator fragility. , 2017, , .		9

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37	Measuring triggering-interaction complexity on active databases. Information Systems, 2001, 26, 15-34.	2.4	8
38	Generating active rules from high-level specifications. Lecture Notes in Computer Science, 1992, , 227-243.	1.0	8
39	The operational semantics of user-defined relationships in object oriented database systems. Data and Knowledge Engineering, 1995, 16, 223-240.	2.1	7
40	Web Mashups with WebMakeup. Communications in Computer and Information Science, 2016, , 82-97.	0.4	7
41	Reducing coordination overhead in SPLs. , 2018, , .		7
42	Turning portlets into services. , 2007, , .		6
43	Exploring Extensibility of Architectural Design Decisions. , 2007, , .		6
44	Layman tuning of websites. , 2008, , .		6
45	Wiki scaffolding. , 2011, , .		6
46	Interfaces for Scripting: Making Greasemonkey Scripts Resilient to Website Upgrades. Lecture Notes in Computer Science, 2010, , 233-247.	1.0	6
47	Domain-Specific Composition of Model Deltas. Lecture Notes in Computer Science, 2010, , 16-30.	1.0	6
48	Formalizing and validating behavioral models through the event calculus. Information Systems, 1998, 23, 179-196.	2.4	5
49	Using DITA for documenting software product lines. , 2009, , .		5
50	Software product line testing: A feature oriented approach. , 2012, , .		5
51	Activity fragmentation in the web. , 2013, , .		5
52	Generalizing the "like" button. , 2014, , .		5
53	Portlet syndication. ACM Transactions on Internet Technology, 2005, 5, 627-659.	3.0	4
54	Quantifying Maintainability in Feature Oriented Product Lines. Software Maintenance and Reengineering (CSMR), Proceedings of the European Conference on, 2008, , .	0.0	4

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55	20 years of industrial experience at SPLC. , 2021, , .		4
56	Reactive behaviour support: Themes and variations. Lecture Notes in Computer Science, 1995, , 67-85.	1.0	4
57	Opening Personalization to Partners: An Architecture of Participation for Websites. Lecture Notes in Computer Science, 2012, , 91-105.	1.0	4
58	User-Driven Automation of Web Form Filling. Lecture Notes in Computer Science, 2013, , 171-185.	1.0	4
59	Object-oriented databases and frame-based systems: comparison. Information and Software Technology, 1991, 33, 357-365.	3.0	3
60	Object-oriented systems: a cross-discipline overview. Information and Software Technology, 1996, 38, 47-57.	3.0	3
61	Toward the Semantic Desktop: The seMouse Approach. IEEE Intelligent Systems, 2008, 23, 24-31.	4.0	3
62	Providing resilient XPaths for external adaptation engines. , 2010, , .		3
63	Wiki refactoring. , 2011, , .		3
64	Reactive tags. , 2011, , .		3
65	Stimuli and business policies as modelling constructs: Their definition and validation through the event calculus. Notes on Numerical Fluid Mechanics and Multidisciplinary Design, 1997, , 33-46.	0.2	3
66	An Adapter-Based Approach to Co-evolve Generated SQL in Model-to-Text Transformations. Lecture Notes in Computer Science, 2014, , 518-532.	1.0	3
67	Software Factories: Describing the Assembly Process. Lecture Notes in Computer Science, 2010, , 126-137.	1.0	3
68	Efficient Construction of Presentation Integration for Web-Based and Desktop Development Tools. , 2013, , .		2
69	YQL as a Platform for Linked-Data Wrapper Development. Lecture Notes in Computer Science, 2015, , 355-373.	1.0	2
70	A Reusability Model for Portlets. Lecture Notes in Computer Science, 2005, , 21-32.	1.0	2
71	Testing MOFScript Transformations with HandyMOF. Lecture Notes in Computer Science, 2014, , 42-56.	1.0	2
72	Crowdsourced Web Augmentation: A Security Model. Lecture Notes in Computer Science, 2010, , 294-307.	1.0	2

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73	Lightweight End-User Software Sharing. Lecture Notes in Computer Science, 2013, , 241-246.	1.0	2
74	Seamless Integration of Inquiry and Transactional Tasks in Web Applications. IFIP Advances in Information and Communication Technology, 2003, , 105-119.	0.5	2
75	An Automatic Approach to Displaying Web Applications as Portlets. Lecture Notes in Computer Science, 2006, , 264-277.	1.0	2
76	A product-line approach to database reporting. IEEE Latin America Transactions, 2006, 4, 70-76.	1.2	1
77	From page-centric to portlet-centric Web development: Easing the transition using MDD. Information and Software Technology, 2008, 50, 1210-1231.	3.0	1
78	Model-aware Wiki analysis tools. , 2010, , .		1
79	Defining DSL Expressions Collaboratively in Multidisciplinary Embedded Engineering. , 2011, , .		1
80	WikiLayer. , 2012, , .		1
81	Refactoring affordances in corporate wikis: a case for the use of mind maps. Enterprise Information Systems, 2015, 9, 785-834.	3.3	1
82	Volunteering for Linked Data Wrapper maintenance: A platform perspective. Information Systems, 2020, 89, 101468.	2.4	1
83	Moving Web Services Dependencies at the Front-End. IFIP Advances in Information and Communication Technology, 2002, , 221-237.	0.5	1
84	Extending XML Schema with Derived Elements. IFIP Advances in Information and Communication Technology, 2002, , 53-67.	0.5	1
85	Web Engineering. Lecture Notes in Computer Science, 2009, , .	1.0	1
86	A Tool for Management of Knowledge Dispersed throughout Multiple References. , 2015, , .		1
87	Invoking Web Applications from Portals: Customisation Implications. Lecture Notes in Computer Science, 2004, , 75-84.	1.0	1
88	Facing Tagging Data Scattering. Lecture Notes in Computer Science, 2009, , 63-74.	1.0	1
89	Script Programmers as Value Co-creators. Lecture Notes in Computer Science, 2010, , 417-420.	1.0	1
90	RESTful, Resource-Oriented Architectures: A Model-Driven Approach. Lecture Notes in Computer Science, 2011, , 282-294.	1.0	1

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91	Web-Based Tool Integration: A Web Augmentation Approach. Lecture Notes in Computer Science, 2012, , 431-434.	1.0	1
92	A Petri Net-based Approach to OWL Ontology Representation. Research in Computing Science, 2015, 100, 27-38.	0.1	1
93	Struggling to Keep Tabs on Capstone Projects: A Chatbot to Tackle Student Procrastination. ACM Transactions on Computing Education, 2022, 22, 1-22.	2.9	1
94	Open-Source Software in the Classroom: Empowering Students to Self-Select Projects to Contribute. IEEE Transactions on Education, 2022, , 1-9.	2.0	1
95	Visualizing the customization endeavor in product-based-evolving software product lines: a case of action design research. Empirical Software Engineering, 2022, 27, 1.	3.0	1
96	WACline: A Software Product Line to harness heterogeneity in Web Annotation. SoftwareX, 2022, 18, 101090.	1.2	1
97	Metrics for Active Database Maintainability. Notes on Numerical Fluid Mechanics and Multidisciplinary Design, 1999, , 472-476.	0.2	0
98	Preface - 1st Web Services Quality Workshop (WQW 2003). , 2003, , .		0
99	Improving self-interpretation of XML-based business documents by introducing derived elements. Electronic Commerce Research and Applications, 2005, 4, 264-282.	2.5	0
100	A Federated Approach to Crossblogging through Contracts. , 2011, , .		0
101	Wikipedia customization through web augmentation techniques. , 2012, , .		0
102	WikiWhirl. , 2012, , .		0
103	Integrating Microblogging Into Domain Specific Language Editors. , 2013, , .		0
104	A Model-Based Approach to Web-Application Development. IFIP Advances in Information and Communication Technology, 2003, , 295-309.	0.5	0
105	Facing Document-Provider Heterogeneity in Knowledge Portals. Notes on Numerical Fluid Mechanics and Multidisciplinary Design, 2004, , 384-397.	0.2	0
106	Tagging-Aware Portlets. Lecture Notes in Computer Science, 2009, , 61-75.	1.0	0
107	Mashup-Aware Corporate Portals. Lecture Notes in Computer Science, 2010, , 271-278.	1.0	0
108	Cross Publishing 2.0: Letting Users Define Their Sharing Practices on Top of YQL. Lecture Notes in Computer Science, 2014, , 76-92.	1.0	0

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109	Current Trends in Web Engineering. Lecture Notes in Computer Science, 2015, , .	1.0	0
110	Editing Anxiety in Corporate Wikis: From Private Drafting to Public Edits. Lecture Notes in Computer Science, 2015, , 20-34.	1.0	0
111	Data Integration between Objectiver and DB-Main: A Case Study of a Model-Driven Interoperability Bridge. , 2016, , .		0
112	Toolet: An Editor for Web-Based Tool Appropriation by Hobby Programmers. Communications in Computer and Information Science, 2017, , 94-107.	0.4	0