

Oscar Diaz

List of Publications by Year in descending order

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Version: 2024-02-01

112
papers

1,484
citations

566801

15
h-index

433756

31
g-index

129
all docs

129
docs citations

129
times ranked

914
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	Open-Source Software in the Classroom: Empowering Students to Self-Select Projects to Contribute. IEEE Transactions on Education, 2022, , 1-9.	2.0	1
3	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
4	WACline: A Software Product Line to harness heterogeneity in Web Annotation. SoftwareX, 2022, 18, 101090.	1.2	1
5	20 years of industrial experience at SPLC. , 2021, , .		4
6	Volunteering for Linked Data Wrapper maintenance: A platform perspective. Information Systems, 2020, 89, 101468.	2.4	1
7	Using Health Chatbots for Behavior Change: A Mapping Study. Journal of Medical Systems, 2019, 43, 135.	2.2	134
8	Reducing coordination overhead in SPLs. , 2018, , .		7
9	Chatbot Dimensions that Matter: Lessons from the Trenches. Lecture Notes in Computer Science, 2018, , 129-135.	1.0	26
10	A quality analysis of facebook messenger's most popular chatbots. , 2018, , .		18
11	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
12	Addressing web locator fragility. , 2017, , .		9
13	On the application of model-driven engineering in data reengineering. Information Systems, 2017, 72, 136-160.	2.4	12
14	Web Augmentation as a Promising Technology for End User Development. , 2017, , 433-459.		12
15	Toolet: An Editor for Web-Based Tool Appropriation by Hobby Programmers. Communications in Computer and Information Science, 2017, , 94-107.	0.4	0
16	Web Mashups with WebMakeup. Communications in Computer and Information Science, 2016, , 82-97.	0.4	7
17	Data Integration between Objectiver and DB-Main: A Case Study of a Model-Driven Interoperability Bridge. , 2016, , .		0
18	Tuning GitHub for SPL development. , 2015, , .		20

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19	The Augmented Web. ACM Transactions on the Web, 2015, 9, 1-30.	2.0	27
20	Refactoring affordances in corporate wikis: a case for the use of mind maps. Enterprise Information Systems, 2015, 9, 785-834.	3.3	1
21	YQL as a Platform for Linked-Data Wrapper Development. Lecture Notes in Computer Science, 2015, , 355-373.	1.0	2
22	A Tool for Management of Knowledge Dispersed throughout Multiple References. , 2015, , .		1
23	Current Trends in Web Engineering. Lecture Notes in Computer Science, 2015, , .	1.0	0
24	Editing Anxiety in Corporate Wikis: From Private Drafting to Public Edits. Lecture Notes in Computer Science, 2015, , 20-34.	1.0	0
25	A Petri Net-based Approach to OWL Ontology Representation. Research in Computing Science, 2015, 100, 27-38.	0.1	1
26	Generalizing the "like" button. , 2014, , .		5
27	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
28	Testing MOFScript Transformations with HandyMOF. Lecture Notes in Computer Science, 2014, , 42-56.	1.0	2
29	End-User Browser-Side Modification of Web Pages. Lecture Notes in Computer Science, 2014, , 293-307.	1.0	13
30	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
31	Efficient Construction of Presentation Integration for Web-Based and Desktop Development Tools. , 2013, , .		2
32	Harvesting models from web 2.0 databases. Software and Systems Modeling, 2013, 12, 15-34.	2.2	18
33	A language for end-user web augmentation. ACM Transactions on the Web, 2013, 7, 1-51.	2.0	21
34	Activity fragmentation in the web. , 2013, , .		5
35	Integrating Microblogging Into Domain Specific Language Editors. , 2013, , .		0
36	Model Transformation Co-evolution: A Semi-automatic Approach. Lecture Notes in Computer Science, 2013, , 144-163.	1.0	33

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37	Lightweight End-User Software Sharing. Lecture Notes in Computer Science, 2013, , 241-246.	1.0	2
38	User-Driven Automation of Web Form Filling. Lecture Notes in Computer Science, 2013, , 171-185.	1.0	4
39	WikiLayer. , 2012, , .		1
40	Wikipedia customization through web augmentation techniques. , 2012, , .		0
41	WikiWhirl. , 2012, , .		0
42	Software product line testing: A feature oriented approach. , 2012, , .		5
43	Wiki Scaffolding: Aligning wikis with the corporate strategy. Information Systems, 2012, 37, 737-752.	2.4	11
44	Opening Personalization to Partners: An Architecture of Participation for Websites. Lecture Notes in Computer Science, 2012, , 91-105.	1.0	4
45	Understanding Web Augmentation. Lecture Notes in Computer Science, 2012, , 79-80.	1.0	15
46	Web-Based Tool Integration: A Web Augmentation Approach. Lecture Notes in Computer Science, 2012, , 431-434.	1.0	1
47	A Federated Approach to Crossblogging through Contracts. , 2011, , .		0
48	Defining DSL Expressions Collaboratively in Multidisciplinary Embedded Engineering. , 2011, , .		1
49	Wiki refactoring. , 2011, , .		3
50	Reactive tags. , 2011, , .		3
51	Wiki scaffolding. , 2011, , .		6
52	RESTful, Resource-Oriented Architectures: A Model-Driven Approach. Lecture Notes in Computer Science, 2011, , 282-294.	1.0	1
53	Generating blogs out of product catalogues: An MDE approach. Journal of Systems and Software, 2010, 83, 1970-1982.	3.3	10
54	Model-aware Wiki analysis tools. , 2010, , .		1

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55	Providing resilient XPathS for external adaptation engines. , 2010, , .		3
56	Architectural and Technological Variability in Rich Internet Applications. IEEE Internet Computing, 2010, 14, 24-32.	3.2	30
57	Interfaces for Scripting: Making Greasemonkey Scripts Resilient to Website Upgrades. Lecture Notes in Computer Science, 2010, , 233-247.	1.0	6
58	Software Factories: Describing the Assembly Process. Lecture Notes in Computer Science, 2010, , 126-137.	1.0	3
59	Crowdsourced Web Augmentation: A Security Model. Lecture Notes in Computer Science, 2010, , 294-307.	1.0	2
60	Script Programmers as Value Co-creators. Lecture Notes in Computer Science, 2010, , 417-420.	1.0	1
61	Mashup-Aware Corporate Portals. Lecture Notes in Computer Science, 2010, , 271-278.	1.0	0
62	Domain-Specific Composition of Model Deltas. Lecture Notes in Computer Science, 2010, , 16-30.	1.0	6
63	Using DITA for documenting software product lines. , 2009, , .		5
64	Web Engineering. Lecture Notes in Computer Science, 2009, , .	1.0	1
65	Tagging-Aware Portlets. Lecture Notes in Computer Science, 2009, , 61-75.	1.0	0
66	Facing Tagging Data Scattering. Lecture Notes in Computer Science, 2009, , 63-74.	1.0	1
67	From page-centric to portlet-centric Web development: Easing the transition using MDD. Information and Software Technology, 2008, 50, 1210-1231.	3.0	1
68	Toward the Semantic Desktop: The seMouse Approach. IEEE Intelligent Systems, 2008, 23, 24-31.	4.0	3
69	Quantifying Maintainability in Feature Oriented Product Lines. Software Maintenance and Reengineering (CSMR), Proceedings of the European Conference on, 2008, , .	0.0	4
70	Facing Interaction-Rich RIAs: The Orchestration Model. , 2008, , .		17
71	A Model-Driven Development for GWT-Based Rich Internet Applications with OOH4RIA. , 2008, , .		67
72	Layman tuning of websites. , 2008, , .		6

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73	Feature Oriented Model Driven Development: A Case Study for Portlets. Proceedings - International Conference on Software Engineering, 2007, , .	0.0	85
74	Turning portlets into services. , 2007, , .		6
75	Generative metaprogramming. , 2007, , .		22
76	Exploring Extensibility of Architectural Design Decisions. , 2007, , .		6
77	Improving a portlet usability model. Software Quality Journal, 2007, 15, 155-177.	1.4	10
78	On Refining XML Artifacts. , 2007, , 473-478.		10
79	Providing Personalized Mashups Within the Context of Existing Web Applications. , 2007, , 493-502.		10
80	A product-line approach to database reporting. IEEE Latin America Transactions, 2006, 4, 70-76.	1.2	1
81	Feature refactoring a multi-representation program into a product line. , 2006, , .		46
82	An Automatic Approach to Displaying Web Applications as Portlets. Lecture Notes in Computer Science, 2006, , 264-277.	1.0	2
83	Improving self-interpretation of XML-based business documents by introducing derived elements. Electronic Commerce Research and Applications, 2005, 4, 264-282.	2.5	0
84	Portlet syndication. ACM Transactions on Internet Technology, 2005, 5, 627-659.	3.0	4
85	Improving portlet interoperability through deep annotation. , 2005, , .		15
86	A Reusability Model for Portlets. Lecture Notes in Computer Science, 2005, , 21-32.	1.0	2
87	Facing Document-Provider Heterogeneity in Knowledge Portals. Notes on Numerical Fluid Mechanics and Multidisciplinary Design, 2004, , 384-397.	0.2	0
88	Invoking Web Applications from Portals: Customisation Implications. Lecture Notes in Computer Science, 2004, , 75-84.	1.0	1
89	Preface - 1st Web Services Quality Workshop (WQW 2003). , 2003, , .		0
90	A Model-Based Approach to Web-Application Development. IFIP Advances in Information and Communication Technology, 2003, , 295-309.	0.5	0

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91	Seamless Integration of Inquiry and Transactional Tasks in Web Applications. IFIP Advances in Information and Communication Technology, 2003, , 105-119.	0.5	2
92	Moving Web Services Dependencies at the Front-End. IFIP Advances in Information and Communication Technology, 2002, , 221-237.	0.5	1
93	Extending XML Schema with Derived Elements. IFIP Advances in Information and Communication Technology, 2002, , 53-67.	0.5	1
94	Measuring triggering-interaction complexity on active databases. Information Systems, 2001, 26, 15-34.	2.4	8
95	Metrics for Active Database Maintainability. Notes on Numerical Fluid Mechanics and Multidisciplinary Design, 1999, , 472-476.	0.2	0
96	Active database systems. ACM Computing Surveys, 1999, 31, 63-103.	16.1	390
97	Formalizing and validating behavioral models through the event calculus. Information Systems, 1998, 23, 179-196.	2.4	5
98	Promoting business policies in object-oriented methods. Journal of Systems and Software, 1998, 41, 105-115.	3.3	10
99	EXACT: an extensible approach to active object-oriented databases. VLDB Journal, 1997, 6, 282-295.	2.7	26
100	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
101	Object-oriented systems: a cross-discipline overview. Information and Software Technology, 1996, 38, 47-57.	3.0	3
102	The operational semantics of user-defined relationships in object oriented database systems. Data and Knowledge Engineering, 1995, 16, 223-240.	2.1	7
103	Reactive behaviour support: Themes and variations. Lecture Notes in Computer Science, 1995, , 67-85.	1.0	4
104	Extending ODBMSs using metaclasses. IEEE Software, 1994, 11, 40-47.	2.1	10
105	DEAR: a Debugger for Active Rules in an object-oriented context. Workshops in Computing, 1994, , 180-193.	0.4	28
106	Dimensions of Active Behaviour. Workshops in Computing, 1994, , 40-57.	0.4	31
107	Supporting dynamic displays using active rules. SIGMOD Record, 1994, 23, 21-26.	0.7	14
108	Combining active rules and metaclasses for enhanced extensibility in object-oriented systems. Data and Knowledge Engineering, 1993, 10, 45-63.	2.1	22

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109	Generating active rules from high-level specifications. Lecture Notes in Computer Science, 1992, , 227-243.	1.0	8
110	Deriving Active Rules for Constraint Maintenance in an Object-Oriented Database. , 1992, , 332-337.		10
111	Object-oriented databases and frame-based systems: comparison. Information and Software Technology, 1991, 33, 357-365.	3.0	3
112	Turning Web Applications into Portlets: Raising the Issues. , 0, , .		11