

Lorenzo Bettini

List of Publications by Year in descending order

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Version: 2024-02-01

78
papers

1,113
citations

687220

13
h-index

477173

29
g-index

80
all docs

80
docs citations

80
times ranked

444
citing authors

#	ARTICLE	IF	CITATIONS
1	Writing Robotics Applications with X-Klaim. Lecture Notes in Computer Science, 2020, , 361-379.	1.0	2
2	Type errors for the IDE with Xtext and Xsemantics. Open Computer Science, 2019, 9, 52-79.	1.3	2
3	X-Klaim Is Back. Lecture Notes in Computer Science, 2019, , 115-135.	1.0	6
4	Xtraitj : Traits for the Java platform. Journal of Systems and Software, 2017, 131, 419-441.	3.3	1
5	Jbase. , 2016, , .		0
6	VDML4RS: a tool for reputation systems modeling and design. , 2016, , .		2
7	Implementing type systems for the IDE with Xsemantics. Journal of Logical and Algebraic Methods in Programming, 2016, 85, 655-680.	0.4	7
8	An Eclipse IDE for Teaching Javaâ€™. Communications in Computer and Information Science, 2016, , 63-78.	0.4	1
9	Implementing type-safe software product lines using parametric traits. Science of Computer Programming, 2015, 97, 282-308.	1.5	8
10	Java-Meets Eclipse - An IDE for Teaching Java Following the Object-later Approach. , 2015, , .		6
11	Generic traits for the Java platform. , 2014, , .		4
12	Deltaj 1.5. , 2014, , .		47
13	Compositional type checking of delta-oriented software product lines. Acta Informatica, 2013, 50, 77-122.	0.5	46
14	On flexible dynamic trait replacement for Java -like languages. Science of Computer Programming, 2013, 78, 907-932.	1.5	11
15	TraitRecordJ : A programming language with traits and records. Science of Computer Programming, 2013, 78, 521-541.	1.5	18
16	Combining traits with boxes and ownership types in a Java-like setting. Science of Computer Programming, 2013, 78, 218-247.	1.5	6
17	Implementing Java-like languages in Xtext with Xsemantics. , 2013, , .		7
18	Artifact evaluation (summary). , 2013, , .		0

#	ARTICLE	IF	CITATIONS
19	Pure trait-based programming on the Java platform. , 2013, , .		3
20	Deriving session and union types for objects. Mathematical Structures in Computer Science, 2013, 23, 1163-1219.	0.5	1
21	Approaches and Tools for Implementing Type Systems in Xtext. Lecture Notes in Computer Science, 2013, , 392-412.	1.0	5
22	Rapidly Implementing EMF Applications with EMF Components. Communications in Computer and Information Science, 2013, , 52-65.	0.4	0
23	Software diversity: state of the art and perspectives. International Journal on Software Tools for Technology Transfer, 2012, 14, 477-495.	1.7	129
24	A DSL for writing type systems for Xtext languages. , 2011, , .		8
25	Delegation by object composition. Science of Computer Programming, 2011, 76, 992-1014.	1.5	14
26	Object reuse and behavior adaptation in Java-like languages. , 2011, , .		2
27	Compositional type-checking for delta-oriented programming. , 2011, , .		46
28	Implementing software product lines using traits. , 2010, , .		24
29	Delta-Oriented Programming of Software Product Lines. Lecture Notes in Computer Science, 2010, , 77-91.	1.0	196
30	A prototypical Java-like language with records and traits. , 2010, , .		5
31	A Safe Implementation of Dynamic Overloading in Java-Like Languages. Lecture Notes in Computer Science, 2010, , 455-462.	1.0	1
32	Featherweight Java with dynamic and static overloading. Science of Computer Programming, 2009, 74, 261-278.	1.5	10
33	Dynamic overloading with copy semantics in object-oriented languages: a formal account. RAIRO - Theoretical Informatics and Applications, 2009, 43, 517-565.	0.5	1
34	A mechanism for flexible dynamic trait replacement. , 2009, , .		3
35	IJava: An Extension of Java with Incomplete Objects and Object Composition. Lecture Notes in Computer Science, 2009, , 27-44.	1.0	2
36	Timed buffers: A technique for update propagation in nomadic environments. Computer Communications, 2008, 31, 3209-3222.	3.1	0

#	ARTICLE	IF	CITATIONS
37	A typed lambda calculus with intersection types. Theoretical Computer Science, 2008, 398, 95-113.	0.5	11
38	A trait based re-engineering technique for Java hierarchies. , 2008, , .		6
39	Type safe dynamic object delegation in class-based languages. , 2008, , .		4
40	Implementing Session Centered Calculi. Lecture Notes in Computer Science, 2008, , 17-32.	1.0	14
41	Session and Union Types for Object Oriented Programming. Lecture Notes in Computer Science, 2008, , 659-680.	1.0	7
42	Global Progress in Dynamically Interleaved Multiparty Sessions. Lecture Notes in Computer Science, 2008, , 418-433.	1.0	116
43	Featherweight Wrap Java: wrapping objects and methods.. Journal of Object Technology, 2008, 7, 5.	0.8	6
44	Object Incompleteness and Dynamic Composition in Java-Like Languages. Lecture Notes in Business Information Processing, 2008, , 198-217.	0.8	4
45	Featherweight Java with multi-methods. , 2007, , .		2
46	Featherweight wrap Java. , 2007, , .		10
47	Implementing a Distributed Mobile Calculus Using the IMC Framework. Electronic Notes in Theoretical Computer Science, 2007, 181, 63-79.	0.9	2
48	Double dispatch in C++. Software - Practice and Experience, 2006, 36, 581-613.	2.5	6
49	Data Privacy in Tuple Space Based Mobile Agent Systems. Electronic Notes in Theoretical Computer Science, 2005, 128, 3-16.	0.9	0
50	MOMI: a calculus for mobile mixins. Acta Informatica, 2005, 42, 143-190.	0.5	10
51	Translating Double Dispatch into Single Dispatch. Electronic Notes in Theoretical Computer Science, 2005, 138, 59-78.	0.9	3
52	A Software Framework for Rapid Prototyping of Run-Time Systems for Mobile Calculi. Lecture Notes in Computer Science, 2005, , 179-207.	1.0	5
53	Safe and flexible objects. , 2005, , .		3
54	Mobile Distributed Programming in X-Klaim. Lecture Notes in Computer Science, 2005, , 29-68.	1.0	13

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55	A Flexible and Modular Framework for Implementing Infrastructures for Global Computing. Lecture Notes in Computer Science, 2005, , 181-193.	1.0	6
56	Safe and Flexible Objects with Subtyping.. Journal of Object Technology, 2005, 4, 5.	0.8	9
57	Safe Object Composition in the Presence of Subtyping. Lecture Notes in Computer Science, 2005, , 128-142.	1.0	1
58	A Java Package for Transparent Code Mobility. Lecture Notes in Computer Science, 2005, , 112-122.	1.0	3
59	A Core Calculus of Higher-Order Mixins and Classes. Lecture Notes in Computer Science, 2004, , 83-98.	1.0	1
60	A core calculus of higher-order mixins and classes. , 2004, , .		7
61	A core calculus of mixins and incomplete objects. , 2004, , .		6
62	Formulae Meet Programs Over the Net: A Framework for Correct Network Aware Programming. Automated Software Engineering, 2004, 11, 245-288.	2.2	2
63	Subtyping-Inheritance Conflicts: The Mobile Mixin Case. , 2004, , 451-464.		3
64	Oâ€™Klaim: AÂˆCoordination Language with Mobile Mixins. Lecture Notes in Computer Science, 2004, , 20-37.	1.0	9
65	A Java Package for Class and Mixin Mobility in a Distributed Setting. Lecture Notes in Computer Science, 2004, , 12-22.	1.0	3
66	Extending Java to dynamic object behaviors ¹ This work has been partially supported by EU within the FET - Global Computing initiative, project AGILE IST-2001-32747 and by MIUR project NAPOLI. The funding bodies are not responsible for any use that might be made of the results presented here.. Electronic Notes in Theoretical Computer Science, 2003, 82, 33-52.	0.9	10
67	The Klaim Project: Theory and Practice. Lecture Notes in Computer Science, 2003, , 88-150.	1.0	53
68	A Java Middleware for Guaranteeing Privacy of Distributed Tuple Spaces. Lecture Notes in Computer Science, 2003, , 175-184.	1.0	8
69	On Multiple Inheritance in Java. Kluwer International Series in Engineering and Computer Science, 2003, , 1-15.	0.2	6
70	An infrastructure language for open nets. , 2002, , .		16
71	X-Klaim and Klava. Electronic Notes in Theoretical Computer Science, 2002, 62, 24-37.	0.9	13
72	Towards Object-Oriented Klaim. Electronic Notes in Theoretical Computer Science, 2002, 62, 38-51.	0.9	1

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73	Klava: a Java package for distributed and mobile applications. <i>Software - Practice and Experience</i> , 2002, 32, 1365-1394.	2.5	55
74	Coordinating Mobile Object-Oriented Code. <i>Lecture Notes in Computer Science</i> , 2002, , 56-71.	1.0	13
75	Formalizing Properties of Mobile Agent Systems. <i>Lecture Notes in Computer Science</i> , 2002, , 72-87.	1.0	4
76	Modelling Node Connectivity in Dynamically Evolving Networks. <i>Electronic Notes in Theoretical Computer Science</i> , 2001, 54, 81-91.	0.9	2
77	Translating Strong Mobility into Weak Mobility. <i>Lecture Notes in Computer Science</i> , 2001, , 182-197.	1.0	25
78	Structured nets in KLAIM. , 2000, , .		7