

# Nobuko Yoshida

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1539340/publications.pdf>

Version: 2024-02-01

250  
papers

8,017  
citations

57631

44  
h-index

88477

70  
g-index

262  
all docs

262  
docs citations

262  
times ranked

2578  
citing authors

#	ARTICLE	IF	CITATIONS
1	Event structures for the reversible early internal $\pi$ -calculus. Journal of Logical and Algebraic Methods in Programming, 2022, 124, 100720.	0.4	2
2	Deadlock-free asynchronous message reordering in rust with multiparty session types. , 2022, , .		7
3	Safe Session-Based Asynchronous Coordination in Rust. Lecture Notes in Computer Science, 2021, , 80-89.	1.0	7
4	Precise subtyping for asynchronous multiparty sessions. , 2021, 5, 1-28.		13
5	Communication-safe web programming in TypeScript with routed multiparty session types. , 2021, , .		12
6	Interaction of Trypanosoma cruzi Gp82 With Host Cell LAMP2 Induces Protein Kinase C Activation and Promotes Invasion. Frontiers in Cellular and Infection Microbiology, 2021, 11, 627888.	1.8	8
7	Event structure semantics of (controlled) reversible CCS. Journal of Logical and Algebraic Methods in Programming, 2021, 121, 100686.	0.4	8
8	Zooid: a DSL for certified multiparty computation: from mechanised metatheory to certified multiparty processes. , 2021, , .		10
9	On Polymorphic Sessions and Functions. ACM Transactions on Programming Languages and Systems, 2021, 43, 1-55.	1.7	3
10	Communicating Finite State Machines and an Extensible Toolchain for Multiparty Session Types. Lecture Notes in Computer Science, 2021, , 18-35.	1.0	6
11	Shedding of Trypanosoma cruzi Surface Molecules That Regulate Host Cell Invasion Involves Phospholipase C and Increases Upon Sterol Depletion. Frontiers in Cellular and Infection Microbiology, 2021, 11, 769722.	1.8	1
12	A parametric framework for reversible $\pi$ -calculi. Information and Computation, 2020, 275, 104644.	0.5	7
13	A Very Gentle Introduction to Multiparty Session Types. Lecture Notes in Computer Science, 2020, , 73-93.	1.0	10
14	EMTST: Engineering the Meta-theory of Session Types. Lecture Notes in Computer Science, 2020, , 278-285.	1.0	8
15	Implementing Multiparty Session Types in Rust. Lecture Notes in Computer Science, 2020, , 127-136.	1.0	11
16	Event Structures for the Reversible Early Internal $\pi$ -Calculus. Lecture Notes in Computer Science, 2020, , 71-90.	1.0	1
17	Compiling first-order functions to session-typed parallel code. , 2020, , .		6
18	Multiparty motion coordination: from choreographies to robotics programs. , 2020, 4, 1-30.		10

#	ARTICLE	IF	CITATIONS
19	Statically verified refinements for multiparty protocols. , 2020, 4, 1-30.		18
20	CAMP: cost-aware multiparty session protocols. , 2020, 4, 1-30.		10
21	Exploring Type-Level Bisimilarity towards More Expressive Multiparty Session Types. Lecture Notes in Computer Science, 2020, , 251-279.	1.0	9
22	Towards a Formal Account for Software Transactional Memory. Lecture Notes in Computer Science, 2020, , 255-263.	1.0	1
23	Featherweight go. , 2020, 4, 1-29.		6
24	Verifying message-passing programs with dependent behavioural types. , 2019, , .		20
25	Depletion of Host Cell Focal Adhesion Kinase Increases the Susceptibility to Invasion by Trypanosoma cruzi Metacyclic Forms. Frontiers in Cellular and Infection Microbiology, 2019, 9, 231.	1.8	12
26	On the relative expressiveness of higher-order session processes. Information and Computation, 2019, 268, 104433.	0.5	6
27	Developing secure bitcoin contracts with BitML. , 2019, , .		12
28	Effpi. , 2019, , .		7
29	Towards a categorical representation of reversible event structures. Journal of Logical and Algebraic Methods in Programming, 2019, 104, 16-59.	0.4	6
30	Signal peptide recognition in Trypanosoma cruzi GP82 adhesin relies on its localization at protein N-terminus. Scientific Reports, 2019, 9, 7325.	1.6	4
31	Causality in Linear Logic. Lecture Notes in Computer Science, 2019, , 150-168.	1.0	2
32	Oral infection of mice and host cell invasion by Trypanosoma cruzi strains from Mexico. Parasitology Research, 2019, 118, 1493-1500.	0.6	5
33	Distributed programming using role-parametric session types in go: statically-typed endpoint APIs for dynamically-instantiated communication structures. , 2019, 3, 1-30.		35
34	Dynamic Deadlock Verification for General Barrier Synchronisation. ACM Transactions on Programming Languages and Systems, 2019, 41, 1-38.	1.7	3
35	Less is more: multiparty session types revisited. , 2019, 3, 1-29.		49
36	Precise subtyping for synchronous multiparty sessions. Journal of Logical and Algebraic Methods in Programming, 2019, 104, 127-173.	0.4	18

#	ARTICLE	IF	CITATIONS
37	Host cell protein LAMP2 is the receptor for <i>Trypanosoma cruzi</i> surface molecule gp82 that mediates invasion. <i>Cellular Microbiology</i> , 2019, 21, e13003.	1.1	21
38	Two sides of the same coin: session types and game semantics: a synchronous side and an asynchronous side. , 2019, 3, 1-29.		11
39	Session-ocaml: A session-based library with polarities and lenses. <i>Science of Computer Programming</i> , 2019, 172, 135-159.	1.5	13
40	Asynchronous Timed Session Types. <i>Lecture Notes in Computer Science</i> , 2019, , 583-610.	1.0	9
41	Featherweight Scribble. <i>Lecture Notes in Computer Science</i> , 2019, , 236-259.	1.0	7
42	Verifying Asynchronous Interactions via Communicating Session Automata. <i>Lecture Notes in Computer Science</i> , 2019, , 97-117.	1.0	20
43	Polymorphic Session Processes as Morphisms. <i>Lecture Notes in Computer Science</i> , 2019, , 101-117.	1.0	6
44	Causal Computational Complexity of Distributed Processes. , 2018, , .		4
45	A session type provider: compile-time API generation of distributed protocols with refinements in F#. , 2018, , .		38
46	A static verification framework for message passing in Go using behavioural types. , 2018, , .		43
47	Multiparty session types, beyond duality. <i>Journal of Logical and Algebraic Methods in Programming</i> , 2018, 97, 55-84.	0.4	4
48	Depending on Session-Typed Processes. <i>Lecture Notes in Computer Science</i> , 2018, , 128-145.	1.0	8
49	On Polymorphic Sessions and Functions. <i>Lecture Notes in Computer Science</i> , 2018, , 827-855.	1.0	5
50	Event Structure Semantics of (controlled) Reversible CCS. <i>Lecture Notes in Computer Science</i> , 2018, , 102-122.	1.0	8
51	Interconnectability of Session-Based Logical Processes. <i>ACM Transactions on Programming Languages and Systems</i> , 2018, 40, 1-42.	1.7	5
52	Beta-adrenergic antagonist propranolol inhibits mammalian cell lysosome spreading and invasion by <i>Trypanosoma cruzi</i> metacyclic forms. <i>Microbes and Infection</i> , 2017, 19, 295-301.	1.0	3
53	Certifying data in multiparty session types. <i>Journal of Logical and Algebraic Methods in Programming</i> , 2017, 90, 61-83.	0.4	11
54	Monitoring networks through multiparty session types. <i>Theoretical Computer Science</i> , 2017, 669, 33-58.	0.5	27

#	ARTICLE	IF	CITATIONS
55	Inhibition of Host Cell Lysosome Spreading by Trypanosoma cruzi Metacyclic Stage-Specific Surface Molecule gp90 Downregulates Parasite Invasion. <i>Infection and Immunity</i> , 2017, 85, .	1.0	19
56	Let it recover: multiparty protocol-induced recovery. , 2017, , .		38
57	Timed runtime monitoring for multiparty conversations. <i>Formal Aspects of Computing</i> , 2017, 29, 877-910.	1.4	29
58	Multiparty session types as coherence proofs. <i>Acta Informatica</i> , 2017, 54, 243-269.	0.5	22
59	Fencing off go: liveness and safety for channel-based programming. <i>ACM SIGPLAN Notices</i> , 2017, 52, 748-761.	0.2	15
60	Session-ocaml: A Session-Based Library with Polarities and Lenses. <i>Lecture Notes in Computer Science</i> , 2017, , 99-118.	1.0	8
61	On the Undecidability of Asynchronous Session Subtyping. <i>Lecture Notes in Computer Science</i> , 2017, , 441-457.	1.0	25
62	Explicit Connection Actions in Multiparty Session Types. <i>Lecture Notes in Computer Science</i> , 2017, , 116-133.	1.0	33
63	Fencing off go: liveness and safety for channel-based programming. , 2017, , .		27
64	Surface Molecules Released by Trypanosoma cruzi Metacyclic Forms Downregulate Host Cell Invasion. <i>PLoS Neglected Tropical Diseases</i> , 2016, 10, e0004883.	1.3	16
65	Static deadlock detection for concurrent go by global session graph synthesis. , 2016, , .		43
66	Global escape in multiparty sessions. <i>Mathematical Structures in Computer Science</i> , 2016, 26, 156-205.	0.5	16
67	Global progress for dynamically interleaved multiparty sessions. <i>Mathematical Structures in Computer Science</i> , 2016, 26, 238-302.	0.5	67
68	On asynchronous eventful session semantics. <i>Mathematical Structures in Computer Science</i> , 2016, 26, 303-364.	0.5	15
69	Host cell invasion and oral infection by Trypanosoma cruzi strains of genetic groups TcI and TcIV from chagasic patients. <i>Parasites and Vectors</i> , 2016, 9, 189.	1.0	18
70	EURECA compilation: Automatic optimisation of cycle-reconfigurable circuits. , 2016, , .		1
71	Lysosome biogenesis/scattering increases host cell susceptibility to invasion by <i>Trypanosoma cruzi</i> metacyclic forms and resistance to tissue culture trypomastigotes. <i>Cellular Microbiology</i> , 2016, 18, 748-760.	1.1	48
72	Behavioral Types in Programming Languages. <i>Foundations and Trends in Programming Languages</i> , 2016, 3, 95-230.	1.8	73

#	ARTICLE	IF	CITATIONS
73	Unique behavior of <i>Trypanosoma cruzi</i> mevalonate kinase: A conserved glycosomal enzyme involved in host cell invasion and signaling. <i>Scientific Reports</i> , 2016, 6, 24610.	1.6	45
74	Multiparty Asynchronous Session Types. <i>Journal of the ACM</i> , 2016, 63, 1-67.	1.8	215
75	Certifying Data in Multiparty Session Types. <i>Lecture Notes in Computer Science</i> , 2016, , 433-458.	1.0	2
76	Reversing Single Sessions. <i>Lecture Notes in Computer Science</i> , 2016, , 52-69.	1.0	5
77	On the Relative Expressiveness of Higher-Order Session Processes. <i>Lecture Notes in Computer Science</i> , 2016, , 446-475.	1.0	10
78	Hybrid Session Verification Through Endpoint API Generation. <i>Lecture Notes in Computer Science</i> , 2016, , 401-418.	1.0	51
79	Characteristic Formulae for Session Types. <i>Lecture Notes in Computer Science</i> , 2016, , 833-850.	1.0	9
80	Effects as sessions, sessions as effects. , 2016, , .		22
81	Effects as sessions, sessions as effects. <i>ACM SIGPLAN Notices</i> , 2016, 51, 568-581.	0.2	11
82	Denotational and Operational Preciseness of Subtyping: A Roadmap. <i>Lecture Notes in Computer Science</i> , 2016, , 155-172.	1.0	3
83	Molecular Characterization of a Novel Family of <i>Trypanosoma cruzi</i> Surface Membrane Proteins (TcSMP) Involved in Mammalian Host Cell Invasion. <i>PLoS Neglected Tropical Diseases</i> , 2015, 9, e0004216.	1.3	34
84	Characterization of <i>Trypanosoma cruzi</i> Sirtuins as Possible Drug Targets for Chagas Disease. <i>Antimicrobial Agents and Chemotherapy</i> , 2015, 59, 4669-4679.	1.4	36
85	Session typing and asynchronous subtyping for the higher-order $\lambda$ -calculus. <i>Information and Computation</i> , 2015, 241, 227-263.	0.5	36
86	Pabble: parameterised Scribble. <i>Service Oriented Computing and Applications</i> , 2015, 9, 269-284.	1.3	20
87	Practical interruptible conversations: distributed dynamic verification with multiparty session types and Python. <i>Formal Methods in System Design</i> , 2015, 46, 197-225.	0.9	41
88	Reversible session-based pi-calculus. <i>Journal of Logical and Algebraic Methods in Programming</i> , 2015, 84, 684-707.	0.4	18
89	From Communicating Machines to Graphical Choreographies. , 2015, , .		54
90	Dynamic deadlock verification for general barrier synchronisation. , 2015, , .		13

#	ARTICLE	IF	CITATIONS
91	A Gentle Introduction to Multiparty Asynchronous Session Types. Lecture Notes in Computer Science, 2015, , 146-178.	1.0	30
92	Protocols by Default. Lecture Notes in Computer Science, 2015, , 212-232.	1.0	23
93	Protocol-based verification of message-passing parallel programs. , 2015, , .		27
94	A Cytoplasmic New Catalytic Subunit of Calcineurin in Trypanosoma cruzi and Its Molecular and Functional Characterization. PLoS Neglected Tropical Diseases, 2014, 8, e2676.	1.3	12
95	On the Preciseness of Subtyping in Session Types. , 2014, , .		23
96	The gp82 Surface Molecule of Trypanosoma cruzi Metacyclic Forms. Sub-Cellular Biochemistry, 2014, 74, 137-150.	1.0	8
97	Fibronectin-Degrading Activity of Trypanosoma cruzi Cysteine Proteinase Plays a Role in Host Cell Invasion. Infection and Immunity, 2014, 82, 5166-5174.	1.0	16
98	Pabble: Parameterised Scribble for Parallel Programming. , 2014, , .		12
99	An observationally complete program logic for imperative higher-order functions. Theoretical Computer Science, 2014, 517, 75-101.	0.5	7
100	Scalable Session Programming for Heterogeneous High-Performance Systems. Lecture Notes in Computer Science, 2014, , 82-98.	1.0	3
101	The Scribble Protocol Language. Lecture Notes in Computer Science, 2014, , 22-41.	1.0	44
102	Process Types as a Descriptive Tool for Interaction. Lecture Notes in Computer Science, 2014, , 1-20.	1.0	2
103	Multiparty Session Actors. Lecture Notes in Computer Science, 2014, , 131-146.	1.0	18
104	Type Checking Liveness for Collaborative Processes with Bounded and Unbounded Recursion. Lecture Notes in Computer Science, 2014, , 1-16.	1.0	3
105	Structuring Communication with Session Types. Lecture Notes in Computer Science, 2014, , 105-127.	1.0	16
106	Timed Multiparty Session Types. Lecture Notes in Computer Science, 2014, , 419-434.	1.0	27
107	Multiparty Session Nets. Lecture Notes in Computer Science, 2014, , 112-127.	1.0	3
108	Expression and cellular trafficking of GP82 and GP90 glycoproteins during Trypanosoma cruzi metacyclogenesis. Parasites and Vectors, 2013, 6, 127.	1.0	25

#	ARTICLE	IF	CITATIONS
109	Proteomic Analysis of <i>Trypanosoma cruzi</i> Secretome: Characterization of Two Populations of Extracellular Vesicles and Soluble Proteins. <i>Journal of Proteome Research</i> , 2013, 12, 883-897.	1.8	235
110	Molecular Characterization of <i>Trypanosoma cruzi</i> SAP Proteins with Host-Cell Lysosome Exocytosis-Inducing Activity Required for Parasite Invasion. <i>PLoS ONE</i> , 2013, 8, e83864.	1.1	23
111	Monitoring Networks through Multiparty Session Types. <i>Lecture Notes in Computer Science</i> , 2013, , 50-65.	1.0	45
112	Trustworthy Pervasive Healthcare Services via Multiparty Session Types. <i>Lecture Notes in Computer Science</i> , 2013, , 124-141.	1.0	5
113	Multiparty Compatibility in Communicating Automata: Characterisation and Synthesis of Global Session Types. <i>Lecture Notes in Computer Science</i> , 2013, , 174-186.	1.0	60
114	Globally Governed Session Semantics. <i>Lecture Notes in Computer Science</i> , 2013, , 395-409.	1.0	4
115	Compositional Choreographies. <i>Lecture Notes in Computer Science</i> , 2013, , 425-439.	1.0	39
116	SPY: Local Verification of Global Protocols. <i>Lecture Notes in Computer Science</i> , 2013, , 358-363.	1.0	20
117	Practical Interruptible Conversations. <i>Lecture Notes in Computer Science</i> , 2013, , 130-148.	1.0	25
118	A Multiparty Multi-session Logic. <i>Lecture Notes in Computer Science</i> , 2013, , 97-111.	1.0	7
119	Differential Infectivity by the Oral Route of <i>Trypanosoma cruzi</i> Lineages Derived from Y Strain. <i>PLoS Neglected Tropical Diseases</i> , 2012, 6, e1804.	1.3	25
120	Session types. <i>Computer Architecture News</i> , 2012, 40, 22-27.	2.5	4
121	Cell signaling during <i>Trypanosoma cruzi</i> invasion. <i>Frontiers in Immunology</i> , 2012, 3, 361.	2.2	69
122	Structured Communication-Centered Programming for Web Services. <i>ACM Transactions on Programming Languages and Systems</i> , 2012, 34, 1-78.	1.7	73
123	Mammalian cell invasion by closely related <i>Trypanosoma</i> species <i>T. dionisii</i> and <i>T. cruzi</i> . <i>Acta Tropica</i> , 2012, 121, 141-147.	0.9	32
124	Structural Basis of the Interaction of a <i>Trypanosoma cruzi</i> Surface Molecule Implicated in Oral Infection with Host Cells and Gastric Mucin. <i>PLoS ONE</i> , 2012, 7, e42153.	1.1	29
125	Event Structure Semantics of Parallel Extrusion in the Pi-Calculus. <i>Lecture Notes in Computer Science</i> , 2012, , 225-239.	1.0	20
126	Multiparty Session Types Meet Communicating Automata. <i>Lecture Notes in Computer Science</i> , 2012, , 194-213.	1.0	96



#	ARTICLE	IF	CITATIONS
127	Asynchronous Distributed Monitoring for Multiparty Session Enforcement. Lecture Notes in Computer Science, 2012, , 25-45.	1.0	20
128	Multiparty Session C: Safe Parallel Programming with Message Optimisation. Lecture Notes in Computer Science, 2012, , 202-218.	1.0	41
129	Verification of MPI Programs Using Session Types. Lecture Notes in Computer Science, 2012, , 291-293.	1.0	12
130	Intensional and Extensional Characterisation of Global Progress in the $\lambda$ -Calculus. Lecture Notes in Computer Science, 2012, , 287-301.	1.0	2
131	Characterization of the infective properties of a new genetic group of Trypanosoma cruzi associated with bats. Acta Tropica, 2011, 120, 231-237.	0.9	21
132	Starvation and rapamycin differentially regulate host cell lysosome exocytosis and invasion by Trypanosoma cruzi metacyclic forms. Cellular Microbiology, 2011, 13, 943-954.	1.1	71
133	Invasion mechanisms among emerging food-borne protozoan parasites. Trends in Parasitology, 2011, 27, 459-466.	1.5	58
134	Dynamic multirole session types. , 2011, , .		36
135	Dynamic multirole session types. ACM SIGPLAN Notices, 2011, 46, 435-446.	0.2	39
136	Scribbling Interactions with a Formal Foundation. Lecture Notes in Computer Science, 2011, , 55-75.	1.0	56
137	On Asynchronous Session Semantics. Lecture Notes in Computer Science, 2011, , 228-243.	1.0	13
138	Safe Parallel Programming with Session Java. Lecture Notes in Computer Science, 2011, , 110-126.	1.0	10
139	Typed event structures and the linear $\lambda$ -calculus. Theoretical Computer Science, 2011, 411, 1-24.	0.5	20
140	Immune responses to gp82 provide protection against mucosal Trypanosoma cruzi infection. Memorias Do Instituto Oswaldo Cruz, 2010, 105, 687-691.	0.8	15
141	Role of GP82 in the Selective Binding to Gastric Mucin during Oral Infection with Trypanosoma cruzi. PLoS Neglected Tropical Diseases, 2010, 4, e613.	1.3	45
142	Parameterised Multiparty Session Types. Lecture Notes in Computer Science, 2010, , 128-145.	1.0	40
143	Type-Safe Eventful Sessions in Java. Lecture Notes in Computer Science, 2010, , 329-353.	1.0	27
144	A Theory of Design-by-Contract for Distributed Multiparty Interactions. Lecture Notes in Computer Science, 2010, , 162-176.	1.0	81

#	ARTICLE	IF	CITATIONS
145	Molecular mechanisms of <i>Trypanosoma cruzi</i> infection by oral route. <i>Memorias Do Instituto Oswaldo Cruz</i> , 2009, 104, 101-107.	0.8	66
146	Use of <scp>l</scp> -Proline and ATP Production by <i>Trypanosoma cruzi</i> Metacyclic Forms as Requirements for Host Cell Invasion. <i>Infection and Immunity</i> , 2009, 77, 3023-3032.	1.0	68
147	Objects and session types. <i>Information and Computation</i> , 2009, 207, 595-641.	0.5	27
148	A Symbolic Semantics for a Calculus for Service-Oriented Computing. <i>Electronic Notes in Theoretical Computer Science</i> , 2009, 241, 135-164.	0.9	2
149	Type-Directed Compilation for Multicore Programming. <i>Electronic Notes in Theoretical Computer Science</i> , 2009, 241, 101-111.	0.9	3
150	Synchronous Multiparty Session Types. <i>Electronic Notes in Theoretical Computer Science</i> , 2009, 241, 3-33.	0.9	14
151	Unique behavior of <i>Trypanosoma dionisii</i> interacting with mammalian cells: Invasion, intracellular growth, and nuclear localization. <i>Acta Tropica</i> , 2009, 110, 65-74.	0.9	17
152	Global Principal Typing in Partially Commutative Asynchronous Sessions. <i>Lecture Notes in Computer Science</i> , 2009, , 316-332.	1.0	70
153	Asynchronous Session Types: Exceptions and Multiparty Interactions. <i>Lecture Notes in Computer Science</i> , 2009, , 187-212.	1.0	12
154	Session-Based Communication Optimisation for Higher-Order Mobile Processes. <i>Lecture Notes in Computer Science</i> , 2009, , 203-218.	1.0	17
155	On Observing Dynamic Prioritised Actions in SOC. <i>Lecture Notes in Computer Science</i> , 2009, , 558-570.	1.0	6
156	Session-Based Compilation Framework for Multicore Programming. <i>Lecture Notes in Computer Science</i> , 2009, , 226-246.	1.0	14
157	Theoretical Aspects of Communication-Centred Programming. <i>Electronic Notes in Theoretical Computer Science</i> , 2008, 209, 125-133.	0.9	10
158	<i>Trypanosoma cruzi</i> infection by oral route. <i>Parasitology International</i> , 2008, 57, 105-109.	0.6	87
159	Multiparty asynchronous session types. , 2008, , .		287
160	Multiparty asynchronous session types. <i>ACM SIGPLAN Notices</i> , 2008, 43, 273-284.	0.2	153
161	Structured Interactional Exceptions in Session Types. <i>Lecture Notes in Computer Science</i> , 2008, , 402-417.	1.0	46
162	Session-Based Distributed Programming in Java. <i>Lecture Notes in Computer Science</i> , 2008, , 516-541.	1.0	81

#	ARTICLE	IF	CITATIONS
163	Global Progress in Dynamically Interleaved Multiparty Sessions. Lecture Notes in Computer Science, 2008, , 418-433.	1.0	116
164	A uniform type structure for secure information flow. ACM Transactions on Programming Languages and Systems, 2007, 29, 31.	1.7	20
165	Expression and Cellular Localization of Molecules of the gp82 Family in Trypanosoma cruzi Metacyclic Trypomastigotes. Infection and Immunity, 2007, 75, 3264-3270.	1.0	10
166	A logical analysis of aliasing in imperative higher-order functions. Journal of Functional Programming, 2007, 17, 473-546.	0.5	3
167	Two Session Typing Systems for Higher-Order Mobile Processes. Lecture Notes in Computer Science, 2007, , 321-335.	1.0	18
168	Formalising Java RMI with explicit code mobility. Theoretical Computer Science, 2007, 389, 341-410.	0.5	8
169	A Calculus of Global Interaction based on Session Types. Electronic Notes in Theoretical Computer Science, 2007, 171, 127-151.	0.9	26
170	Language Primitives and Type Discipline for Structured Communication-Based Programming Revisited: Two Systems for Higher-Order Session Communication. Electronic Notes in Theoretical Computer Science, 2007, 171, 73-93.	0.9	80
171	Probabilistic $\lambda$ -Calculus and Event Structures. Electronic Notes in Theoretical Computer Science, 2007, 190, 147-166.	0.9	12
172	Novel strategy in Trypanosoma cruzi cell invasion: Implication of cholesterol and host cell microdomains. International Journal for Parasitology, 2007, 37, 1431-1441.	1.3	65
173	Interaction with host factors exacerbates Trypanosoma cruzi cell invasion capacity upon oral infection. International Journal for Parasitology, 2007, 37, 1609-1616.	1.3	47
174	Linearity and bisimulation. The Journal of Logic and Algebraic Programming, 2007, 72, 207-238.	1.4	14
175	Logical Reasoning for Higher-Order Functions with Local State. , 2007, , 361-377.		13
176	Compositional Event Structure Semantics for the Internal $\lambda$ -Calculus. Lecture Notes in Computer Science, 2007, , 317-332.	1.0	10
177	Bounded Session Types for Object Oriented Languages. Lecture Notes in Computer Science, 2007, , 207-245.	1.0	15
178	Timed, Distributed, Probabilistic, Typed Processes. , 2007, , 158-174.		16
179	On Progress for Structured Communications. , 2007, , 257-275.		54
180	Molecular basis of mammalian cell invasion by Trypanosoma cruzi. Anais Da Academia Brasileira De Ciencias, 2006, 78, 87-111.	0.3	203

#	ARTICLE	IF	CITATIONS
181	Typed Event Structures and the $\lambda$ -Calculus. <i>Electronic Notes in Theoretical Computer Science</i> , 2006, 158, 373-397.	0.9	11
182	Type-Based Security for Mobile Computing Integrity, Secrecy and Liveness. <i>Electronic Notes in Theoretical Computer Science</i> , 2006, 162, 333-340.	0.9	0
183	Host cell invasion mediated by Trypanosoma cruzi surface molecule gp82 is associated with F-actin disassembly and is inhibited by enteroinvasive Escherichia coli. <i>Microbes and Infection</i> , 2006, 8, 1502-1512.	1.0	44
184	Trypanosoma cruzi surface molecule gp90 downregulates invasion of gastric mucosal epithelium in orally infected mice. <i>Microbes and Infection</i> , 2006, 8, 36-44.	1.0	50
185	Molecular Characterization of Serine-, Alanine-, and Proline-Rich Proteins of Trypanosoma cruzi and Their Possible Role in Host Cell Infection. <i>Infection and Immunity</i> , 2006, 74, 1537-1546.	1.0	41
186	Actin Cytoskeleton-Dependent and -Independent Host Cell Invasion by Trypanosoma cruzi Is Mediated by Distinct Parasite Surface Molecules. <i>Infection and Immunity</i> , 2006, 74, 5522-5528.	1.0	53
187	Descriptive and Relative Completeness of Logics for Higher-Order Functions. <i>Lecture Notes in Computer Science</i> , 2006, , 360-371.	1.0	20
188	A logical analysis of aliasing in imperative higher-order functions. <i>ACM SIGPLAN Notices</i> , 2005, 40, 280-293.	0.2	2
189	Noninterference through flow analysis. <i>Journal of Functional Programming</i> , 2005, 15, 293-349.	0.5	10
190	Genericity and the $\lambda$ -calculus. <i>Acta Informatica</i> , 2005, 42, 83-141.	0.5	27
191	safeDpi: a language for controlling mobile code. <i>Acta Informatica</i> , 2005, 42, 227-290.	0.5	25
192	Formalising Java RMI with explicit code mobility. <i>ACM SIGPLAN Notices</i> , 2005, 40, 403-422.	0.2	0
193	A Distributed Object-Oriented Language with Session Types. <i>Lecture Notes in Computer Science</i> , 2005, , 299-318.	1.0	26
194	A compositional logic for polymorphic higher-order functions. , 2004, , .		27
195	Molecular basis of non-virulence of Trypanosoma cruzi clone CL-14. <i>International Journal for Parasitology</i> , 2004, 34, 851-860.	1.3	24
196	Strong normalisation in the $\lambda$ -calculus. <i>Information and Computation</i> , 2004, 191, 145-202.	0.5	73
197	Channel dependent types for higher-order mobile processes. <i>ACM SIGPLAN Notices</i> , 2004, 39, 147-160.	0.2	0
198	A Distributed Abstract Machine for Boxed Ambient Calculi. <i>Lecture Notes in Computer Science</i> , 2004, , 155-170.	1.0	16

#	ARTICLE	IF	CITATIONS
199	safeDpi: A Language for Controlling Mobile Code. Lecture Notes in Computer Science, 2004, , 241-256.	1.0	18
200	Involvement of Trypanosoma cruzi Metacyclic Trypomastigote Surface Molecule gp82 in Adhesion to Gastric Mucin and Invasion of Epithelial Cells. Infection and Immunity, 2003, 71, 557-561.	1.0	67
201	Cell Adhesion and Ca <sup>2+</sup> Signaling Activity in Stably Transfected Trypanosoma cruzi Epimastigotes Expressing the Metacyclic Stage-Specific Surface Molecule gp82. Infection and Immunity, 2003, 71, 1561-1565.	1.0	23
202	Infection by Trypanosoma cruzi Metacyclic Forms Deficient in gp82 but Expressing a Related Surface Molecule, gp30. Infection and Immunity, 2003, 71, 6184-6191.	1.0	43
203	Genericity and the $\lambda$ -Calculus. Lecture Notes in Computer Science, 2003, , 103-119.	1.0	7
204	Activation of distinct signal transduction pathways in Trypanosoma cruzi isolates with differential capacity to invade host cells. International Journal for Parasitology, 2002, 32, 405-414.	1.3	66
205	Expression and genome-wide distribution of the gene family encoding a 90 kDa surface glycoprotein of metacyclic trypomastigotes of Trypanosoma cruzi. Molecular and Biochemical Parasitology, 2002, 125, 201-206.	0.5	17
206	Minimality and separation results on asynchronous mobile processes – representability theorems by concurrent combinators. Theoretical Computer Science, 2002, 274, 231-276.	0.5	8
207	Dynamic Channel Screening in the Higher Order $\lambda$ -Calculus. Electronic Notes in Theoretical Computer Science, 2002, 66, 170-184.	0.9	9
208	Assigning Types to Processes. Information and Computation, 2002, 174, 143-179.	0.5	18
209	Linearity and Bisimulation. Lecture Notes in Computer Science, 2002, , 417-433.	1.0	16
210	A uniform type structure for secure information flow. ACM SIGPLAN Notices, 2002, 37, 81-92.	0.2	10
211	Targeted Reduction in Expression of Trypanosoma cruzi Surface Glycoprotein gp90 Increases Parasite Infectivity. Infection and Immunity, 2001, 69, 353-359.	1.0	59
212	Sequentiality and the $\lambda$ -Calculus. Lecture Notes in Computer Science, 2001, , 29-45.	1.0	38
213	Characterization of the Cell Adhesion Site of Trypanosoma cruzi Metacyclic Stage Surface Glycoprotein gp82. Infection and Immunity, 2000, 68, 478-484.	1.0	39
214	Secure Information Flow as Typed Process Behaviour. Lecture Notes in Computer Science, 2000, , 180-199.	1.0	57
215	Game-theoretic analysis of call-by-value computation. Theoretical Computer Science, 1999, 221, 393-456.	0.5	62
216	Subtyping and Locality in Distributed Higher Order Processes. Lecture Notes in Computer Science, 1999, , 557-572.	1.0	23

#	ARTICLE	IF	CITATIONS
217	Trypanosoma cruzi 175-kDa Protein Tyrosine Phosphorylation Is Associated with Host Cell Invasion. <i>Experimental Parasitology</i> , 1998, 89, 188-194.	0.5	47
218	Infectivity of Trypanosoma cruzi strains is associated with differential expression of surface glycoproteins with differential Ca <sup>2+</sup> signalling activity. <i>Biochemical Journal</i> , 1998, 330, 505-511.	1.7	161
219	Removal of sialic acid from mucin-like surface molecules of Trypanosoma cruzi metacyclic trypomastigotes enhances parasite-host cell interaction. <i>Molecular and Biochemical Parasitology</i> , 1997, 84, 57-67.	0.5	51
220	Game theoretic analysis of call-by-value computation. <i>Lecture Notes in Computer Science</i> , 1997, , 225-236.	1.0	23
221	Identification of a domain of Trypanosoma cruzi metacyclic trypomastigote surface molecule gp82 required for attachment and invasion of mammalian cells. <i>Molecular and Biochemical Parasitology</i> , 1996, 78, 209-216.	0.5	36
222	Graph types for monadic mobile processes. <i>Lecture Notes in Computer Science</i> , 1996, , 371-386.	1.0	73
223	On reduction-based process semantics. <i>Theoretical Computer Science</i> , 1995, 151, 437-486.	0.5	230
224	Ca <sup>2+</sup> signal induced by Trypanosoma cruzi metacyclic trypomastigote surface molecules implicated in mammalian cell invasion. <i>Molecular and Biochemical Parasitology</i> , 1995, 73, 285-289.	0.5	81
225	The Lipid Structure of the Glycosylphosphatidylinositol-anchored Mucin-like Sialic Acid Acceptors of Trypanosoma cruzi Changes during Parasite Differentiation from Epimastigotes to Infective Metacyclic Trypomastigote Forms. <i>Journal of Biological Chemistry</i> , 1995, 270, 27244-27253.	1.6	187
226	Combinatory representation of mobile processes. , 1994, , .		24
227	Cloning and characterization of a gene for the stage-specific 82-kDa surface antigen of metacyclic trypomastigotes of Trypanosoma cruzi. <i>Molecular and Biochemical Parasitology</i> , 1994, 65, 161-169.	0.5	70
228	Mucin-like glycoproteins linked to the membrane by glycosylphosphatidylinositol anchor are the major acceptors of sialic acid in a reaction catalyzed by trans-sialidase in metacyclic forms of Trypanosoma cruzi. <i>Molecular and Biochemical Parasitology</i> , 1993, 59, 293-303.	0.5	210
229	The 35/50 kDa surface antigen of Trypanosoma cruzi metacyclic trypomastigotes, an adhesion molecule involved in host cell invasion. <i>Parasite Immunology</i> , 1993, 15, 121-125.	0.7	86
230	Optimal reduction in weak-λ-calculus with shared environments. , 1993, , .		16
231	On reduction-based process semantics. <i>Lecture Notes in Computer Science</i> , 1993, , 373-387.	1.0	7
232	Reactivity of stage-specific monoclonal antibody 1G7 with metacyclic trypomastigotes of Trypanosoma cruzi strains: lytic property and 90 000 mol. wt surface antigen polymorphism. <i>Parasite Immunology</i> , 1988, 10, 369-378.	0.7	28
233	Stage-specific surface antigens of metacyclic trypomastigotes of Trypanosoma cruzi identified by monoclonal antibodies. <i>Molecular and Biochemical Parasitology</i> , 1986, 18, 271-282.	0.5	170
234	Globally Governed Session Semantics. <i>Logical Methods in Computer Science</i> , 0, Volume 10, Issue 4, .	0.4	14

#	ARTICLE	IF	CITATIONS
235	Type-checking Liveness for Collaborative Processes with Bounded and Unbounded Recursion. Logical Methods in Computer Science, 0, Volume 12, Issue 1, .	0.4	3
236	Logical Reasoning for Higher-Order Functions with Local State. Logical Methods in Computer Science, 0, Volume 4, Issue 4, .	0.4	8
237	Parameterised Multiparty Session Types. Logical Methods in Computer Science, 0, Volume 8, Issue 4, .	0.4	37
238	Towards Reversible Sessions. Electronic Proceedings in Theoretical Computer Science, EPTCS, 0, 155, 17-24.	0.8	5
239	Timed Runtime Monitoring for Multiparty Conversations. Electronic Proceedings in Theoretical Computer Science, EPTCS, 0, 162, 19-26.	0.8	9
240	Using session types as an effect system. Electronic Proceedings in Theoretical Computer Science, EPTCS, 0, 203, 1-13.	0.8	2
241	Precise subtyping for synchronous multiparty sessions. Electronic Proceedings in Theoretical Computer Science, EPTCS, 0, 203, 29-43.	0.8	10
242	Towards a Categorical Representation of Reversible Event Structures. Electronic Proceedings in Theoretical Computer Science, EPTCS, 0, 246, 49-60.	0.8	4
243	Multiparty Session Type-safe Web Development with Static Linearity. Electronic Proceedings in Theoretical Computer Science, EPTCS, 0, 291, 35-46.	0.8	7
244	Multiparty Symmetric Sum Types. Electronic Proceedings in Theoretical Computer Science, EPTCS, 0, 41, 121-135.	0.8	11
245	Session-Based Programming for Parallel Algorithms: Expressiveness and Performance. Electronic Proceedings in Theoretical Computer Science, EPTCS, 0, 17, 17-29.	0.8	3
246	Secure Execution of Distributed Session Programs. Electronic Proceedings in Theoretical Computer Science, EPTCS, 0, 69, 1-11.	0.8	0
247	Multiparty Session Types, Beyond Duality (Abstract). Electronic Proceedings in Theoretical Computer Science, EPTCS, 0, 246, 37-38.	0.8	0
248	A Parametric Framework for Reversible Pi-Calculi. Electronic Proceedings in Theoretical Computer Science, EPTCS, 0, 276, 87-103.	0.8	3
249	Service Equivalence via Multiparty Session Type Isomorphisms. Electronic Proceedings in Theoretical Computer Science, EPTCS, 0, 291, 1-11.	0.8	0
250	Generating Interactive WebSocket Applications in TypeScript. Electronic Proceedings in Theoretical Computer Science, EPTCS, 0, 314, 12-22.	0.8	4