

Marcos R S Borges

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

127 papers	1,015 citations	15 h-index	27 g-index
151 ext. papers	1,199 ext. citations	2.3 avg, IF	4.32 L-index

#	Paper	IF	Citations
127	Decision Support for Plan Adaptation in Unforeseen Situations. <i>International Journal of Decision Support System Technology</i> , 2022 , 14, 0-0	0.7	
126	The Order of the Factors DOES Alter the Product: Cyber Resilience Policies Implementation Order. <i>Advances in Intelligent Systems and Computing</i> , 2021 , 306-315	0.4	4
125	Awareness-development in the context of climate change resilience. <i>Urban Climate</i> , 2020 , 32, 100613	6.8	11
124	Systematizing the impacts projection of complex decisions in work groups. <i>SN Applied Sciences</i> , 2020 , 2, 1	1.8	1
123	Systematic Approach to Cyber Resilience Operationalization in SMEs. <i>IEEE Access</i> , 2020 , 8, 174200-174221	3.5	11
122	A conceptual framework for developing solutions that organise social media information for emergency response teams. <i>Behaviour and Information Technology</i> , 2020 , 39, 360-378	2.4	5
121	Understanding Crowd Work in Online Crowdsourcing Platforms for Urban Planning: Systematic Review 2019 ,		4
120	Preparing a Smart Environment to Decision-Making in Emergency Traffic Control Management. <i>IFIP Advances in Information and Communication Technology</i> , 2019 , 12-21	0.5	
119	A Systematic Review on the Use of Groupware Technologies in Emergency Management. <i>IFIP Advances in Information and Communication Technology</i> , 2019 , 22-35	0.5	
118	Planning the Combination of Big Data Insights and Thick Descriptions to Support the Decision-Making Process. <i>Advances in Intelligent Systems and Computing</i> , 2019 , 73-82	0.4	2
117	Crowdsourcing as a Tool for Urban Emergency Management: Lessons from the Literature and Typology. <i>Sensors</i> , 2019 , 19,	3.8	6
116	Architecture for gathering and integrating collaborative information for decision support in emergency situations. <i>International Journal of Information and Communication Technology</i> , 2018 , 12, 345	0.1	2
115	Latin America as a Place for CSCW Research 2018 ,		4
114	A framework for dealing collaboratively with interactions from social media in emergency situations 2017 ,		2
113	2017 ,		2
112	SM2PIA: A Model to Support the Development of Pragmatic Interoperability Requirements 2016 ,		3
111	Remote Collaboration Support on Physical Tasks: Exploring Handheld and Hands-free Setups. <i>Lecture Notes in Computer Science</i> , 2016 , 65-80	0.9	

110	Shaping procedures to deal with complex situations 2016 ,		3
109	A flexible architecture for selection and visualization of information in emergency situations 2016 ,		4
108	aDapTA: Adaptive approach to information integration in dynamic environments. <i>Computers in Industry</i> , 2015 , 71, 88-102	11.6	8
107	Doing CSCW Research in Latin America 2015 ,		2
106	Ergonomics, safety, and resilience in the helicopter offshore transportation system of Campos Basin. <i>Work</i> , 2015 , 51, 513-35	1.6	6
105	A framework for variable content document generation with multiple actors. <i>Information and Software Technology</i> , 2014 , 56, 1101-1121	3.4	5
104	Analysis of the resilience of team performance during a nuclear emergency response exercise. <i>Applied Ergonomics</i> , 2014 , 45, 780-8	4.2	47
103	OntoWarehousing [Multidimensional Design Supported by a Foundational Ontology: A Temporal Perspective. <i>Lecture Notes in Computer Science</i> , 2014 , 35-44	0.9	4
102	JEMF: A Framework for the Development of Mobile Systems for Emergency Management. <i>Lecture Notes in Computer Science</i> , 2014 , 239-254	0.9	2
101	Construction and Evaluation of a Collaboration Observation Model. <i>Lecture Notes in Computer Science</i> , 2014 , 23-37	0.9	
100	An Environment to Foster Scientific Collaborations. <i>Lecture Notes in Computer Science</i> , 2014 , 151-158	0.9	
99	Improving emergency plans management with SAGA. <i>Technological Forecasting and Social Change</i> , 2013 , 80, 1868-1876	9.5	10
98	An environment to support the discovery of potential partners in a research group 2013 ,		3
97	Resilience and brittleness in the ALERTA RIO system: a field study about the decision-making of forecasters. <i>Natural Hazards</i> , 2013 , 65, 1831-1847	3	17
96	Laboratory Experiments in CSCL Activities. <i>Advances in Game-based Learning Book Series</i> , 2013 , 222-240	0.5	
95	Visualizing Composite Knowledge in Emergency Responses using Spatial Hypertext 2013 , 182-195		
94	Taking advantage of collective knowledge in emergency response systems. <i>Journal of Network and Computer Applications</i> , 2012 , 35, 189-198	7.9	63
93	Human factors evaluation in nuclear power plant control rooms using a mobile system to support collaborative observation. <i>Progress in Nuclear Energy</i> , 2012 , 55, 93-101	2.3	7

92	DPLfw 2012 ,		1
91	Support for systems development in mobile devices used in Emergency Management 2012 ,		5
90	COLLABORATION AND CONFLICT IN SOFTWARE REVIEW MEETINGS. <i>International Journal of Information Technology and Decision Making</i> , 2012 , 11, 1065-1085	2.8	2
89	Contextual Analysis of the Victims'Social Network for People Recommendation on the Emergency Scenario. <i>Lecture Notes in Computer Science</i> , 2012 , 200-207	0.9	1
88	Guest Editorial Forward to the Special Issue on Systems Integration and Collaboration in Design, Manufacturing, and Services. <i>IEEE Transactions on Systems, Man and Cybernetics, Part C: Applications and Reviews</i> , 2011 , 41, 281-283		2
87	Use of Linked Data in the design of information infrastructure for collaborative emergency management system 2011 ,		3
86	The Assessment of Information Technology Maturity in Emergency Response Organizations. <i>Group Decision and Negotiation</i> , 2011 , 20, 593-613	2.5	6
85	A method for capturing innovation features using group storytelling. <i>Expert Systems With Applications</i> , 2011 , 38, 1148-1159	7.8	13
84	Digital tabletops for situational awareness in emergency situations 2011 ,		10
83	Social networks and emergency: From society to the command room 2011 ,		2
82	Visualizing Composite Knowledge in Emergency Responses using Spatial Hypertext. <i>International Journal of Information Systems for Crisis Response and Management</i> , 2011 , 3, 52-65	0.6	3
81	Critical Decision Method To Access Resilience And Brittleness In Heavy Rainfall Forecast 2011 , 86-92		
80	Document product lines 2010 ,		2
79	The design of collaboration support between command and operation teams during emergency response 2010 ,		9
78	Collective intelligence for the design of emergency response 2010 ,		10
77	Acquiring knowledge on business processes from stakeholders'Stories. <i>Advanced Engineering Informatics</i> , 2010 , 24, 138-148	7.4	32
76	A Simple and Portable Command Post to Coordinate Search and Rescue Activities in Disaster Relief Efforts. <i>Lecture Notes in Computer Science</i> , 2010 , 337-344	0.9	5
75	A Method for Identification and Representation of Business Process Deviations. <i>Lecture Notes in Computer Science</i> , 2010 , 49-64	0.9	2

74	A Mobile Computer System to Support Collaborative Ethnography: An Approach to the Elicitation of Knowledge of Work Teams in Complex Environments. <i>Lecture Notes in Computer Science</i> , 2010 , 33-48	0.9	0
73	Supporting the Decision Implementation Process. <i>Lecture Notes in Computer Science</i> , 2010 , 113-120	0.9	
72	Multilayer Superimposed Information for Collaborative Annotation in Wikis. <i>Lecture Notes in Computer Science</i> , 2010 , 340-357	0.9	1
71	Towards the Construction of a Knowledge Building Environment. <i>Lecture Notes in Computer Science</i> , 2010 , 27-30	0.9	
70	Applying group storytelling to capture innovation features 2009 ,		5
69	Athena: A collaborative approach to requirements elicitation. <i>Computers in Industry</i> , 2009 , 60, 367-380	11.6	42
68	Resilience and brittleness in the offshore helicopter transportation system: The identification of constraints and sacrifice decisions in pilots' work. <i>Reliability Engineering and System Safety</i> , 2009 , 94, 311-319	6.3	56
67	A context-based model for Knowledge Management embodied in work processes. <i>Information Sciences</i> , 2009 , 179, 2538-2554	7.7	42
66	Collaborative ethnography: An approach to the elicitation of cognitive requirements of teams 2009 ,		3
65	A maturity model to promote collaboration in business processes. <i>International Journal of Business Process Integration and Management</i> , 2009 , 4, 111	0.8	15
64	A Requirements Engineering Approach for Data Modelling of Process-Aware Information Systems. <i>Lecture Notes in Business Information Processing</i> , 2009 , 133-144	0.6	9
63	Negotiation-Collaboration in Formal Technical Reviews. <i>Lecture Notes in Computer Science</i> , 2009 , 344-356	6.9	1
62	Resiliência e fragilidade dos sistemas de trabalho e sustentabilidade: estudos de casos de sistemas socio-técnicos complexos no Brasil na área nuclear, aviação e emergência. <i>Laboreal</i> , 2009 , 5,	0.7	1
61	A cooperative assessment of the response capability of emergency organizations 2008 ,		1
60	Info Cases: Integrating Use Cases and Domain Models 2008 ,		12
59	Supporting the System Requirements Elicitation through Collaborative Observations. <i>Lecture Notes in Computer Science</i> , 2008 , 364-379	0.9	5
58	Lessons Learned from Three Case Studies. <i>Journal of Decision Systems</i> , 2008 , 17, 27-40	1.2	3
57	Sofia 2008 ,		5

56	Tell us your process: A group storytelling approach to cooperative process modeling 2008 ,		2
55	Human factors approach for evaluation and redesign of human-system interfaces of a nuclear power plant simulator. <i>Displays</i> , 2008 , 29, 273-284	3.4	65
54	Micro incident analysis framework to assess safety and resilience in the operation of safe critical systems: A case study in a nuclear power plant. <i>Journal of Loss Prevention in the Process Industries</i> , 2008 , 21, 277-286	3.5	40
53	A Service-Oriented Infrastructure for Early Citation Management. <i>Lecture Notes in Computer Science</i> , 2008 , 160-171	0.9	
52	Decision Making Support in Emergency Response 2008 , 184-191		16
51	Identifying Resilient Actions in Decision Making During Emergencies 2008 , 434-442		2
50	Workflow Systems in E-Learning Environments 2008 , 718-725		
49	Collaborative Writing in E-Learning Environments 2008 , 81-86		
48	Maturity Levels of Information Technologies in Emergency Response Organizations. <i>Lecture Notes in Computer Science</i> , 2008 , 135-150	0.9	3
47	Capturing Context about Group Design Processes 2007 ,		5
46	The role of collaborative support to promote participation and commitment in software development teams. <i>Software Process Improvement and Practice</i> , 2007 , 12, 229-246		15
45	Dealing with the effects of context mismatch in group work. <i>Decision Support Systems</i> , 2007 , 43, 1692-1706	0.6	9
44	Supporting multiple viewpoints in collaborative graphical editing. <i>Multimedia Tools and Applications</i> , 2007 , 32, 185-208	2.5	12
43	An Observation Model for the Collaborative Analysis of Real Workplaces 2007 ,		2
42	Supporting Group Decision Making and Coordination in Urban Disasters Relief. <i>Journal of Decision Systems</i> , 2007 , 16, 143-172	1.2	28
41	A Collaborative Approach to Requirements Elicitation 2007 ,		10
40	Alternative Dispute Resolution Based on the Storytelling Technique. <i>Lecture Notes in Computer Science</i> , 2007 , 15-31	0.9	3
39	Recalling Resilient Actions During Emergency Response. <i>Lecture Notes in Computer Science</i> , 2007 , 153-162	0.9	29

38	Collaboration and knowledge sharing in network organizations. <i>Expert Systems With Applications</i> , 2006 , 31, 715-727	7.8	32
37	Increasing Flexibility in Process Deployment with the Process Beans Composer 2006 ,		2
36	Context in Knowledge-Intensive Collaborative Work 2006 ,		4
35	Patterns for designing planning mechanisms in CSCL environments. <i>International Journal of Computer Applications in Technology</i> , 2006 , 25, 102	0.7	4
34	Common Context for Decisions and their Implementations. <i>Group Decision and Negotiation</i> , 2006 , 15, 221-242	2.5	7
33	Evaluation of Contextual Information Influence on Group Interaction 2006 , 13-22		0
32	Flexible Organizational Process Deployment 2006 , 679-688		
31	Analytic Evaluation of Groupware Design. <i>Lecture Notes in Computer Science</i> , 2006 , 31-40	0.9	2
30	Support for decision implementation and follow-up. <i>European Journal of Operational Research</i> , 2005 , 160, 336-352	5.6	10
29	Tabulae: educational groupware for learning geometry 2005 ,		7
28	Web Service Providers: A New Role in the Open Archives Initiative?. <i>Lecture Notes in Computer Science</i> , 2005 , 515-518	0.9	
27	Introducing Business Process into Legacy Information Systems. <i>Lecture Notes in Computer Science</i> , 2005 , 452-457	0.9	2
26	Collective Knowledge Recall: Benefits and Drawbacks. <i>Lecture Notes in Computer Science</i> , 2005 , 216-231	0.9	3
25	Learning to Plan the Collaborative Design Process. <i>Lecture Notes in Computer Science</i> , 2005 , 33-44	0.9	3
24	Groupware System Design and the Context Concept. <i>Lecture Notes in Computer Science</i> , 2005 , 45-54	0.9	12
23	Applying Group Storytelling in Knowledge Management. <i>Lecture Notes in Computer Science</i> , 2004 , 34-41	0.9	24
22	AMPA: Knowledge Management in Analytical-based Decision Processes. <i>Journal of Decision Systems</i> , 2004 , 13, 263-286	1.2	3
21	A conceptual framework for designing and conducting groupware evaluations. <i>International Journal of Computer Applications in Technology</i> , 2004 , 19, 139	0.7	11

20	Designing collaboration through a web-based groupware infrastructure. <i>International Journal of Computer Applications in Technology</i> , 2004 , 19, 175	0.7	1
19	Increasing Awareness in Distributed Software Development Workspaces. <i>Lecture Notes in Computer Science</i> , 2004 , 84-91	0.9	
18	Bridging the Gap Between Decisions and Their Implementations. <i>Lecture Notes in Computer Science</i> , 2004 , 153-165	0.9	6
17	Learning through collaborative projects: the architecture of an environment. <i>International Journal of Computer Applications in Technology</i> , 2003 , 16, 127	0.7	6
16	A framework for awareness support in groupware systems. <i>Computers in Industry</i> , 2003 , 52, 47-57	11.6	24
15	Experimental Findings with Collaborative Writing within a Project-Based Scenario 2003 , 179-190		1
14	Groupware Support for Cooperative Process Elicitation. <i>Lecture Notes in Computer Science</i> , 2003 , 232-246	0.9	4
13	Supporting Collaborative Drawing with the Mask Versioning Mechanism. <i>Lecture Notes in Computer Science</i> , 2003 , 208-223	0.9	5
12	A Conceptual Framework for Analyzing the Use of Context in Groupware. <i>Lecture Notes in Computer Science</i> , 2003 , 300-313	0.9	13
11	COPSE-Web: An Infrastructure for Developing Web-Based Groupware Applications. <i>Lecture Notes in Computer Science</i> , 2002 , 275-284	0.9	1
10	The CSCW Lab for Groupware Evaluation. <i>Lecture Notes in Computer Science</i> , 2002 , 222-231	0.9	11
9	Extending the Software Process Culture - An Approach Based on Groupware and Workflow. <i>Lecture Notes in Computer Science</i> , 2001 , 297-311	0.9	8
8	Information technology in latin America: Two decades of collaboration. <i>Information Technology for Development</i> , 2000 , 9, 189-204	3.3	3
7	Key issues in the design of an asynchronous system to support meeting preparation. <i>Decision Support Systems</i> , 1999 , 27, 269-287	5.6	19
6	A middleware to increase awareness in distributed software development workspaces		4
5	OdysseyShare: an environment for collaborative component-based development		6
4	Selectivity of awareness components in asynchronous CSCW environments		5
3	An infrastructure to support the development of collaborative project-based learning environments		5

2	A cooperative approach for information recommendation and filtering	1
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