Marcos R S Borges

List of Publications by Citations

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

#	Paper	IF	Citations
127	Human factors approach for evaluation and redesign of human-system interfaces of a nuclear power plant simulator. *Displays*, **2008**, 29, 273-284	3.4	65
126	Taking advantage of collective knowledge in emergency response systems. *Journal of Network and Computer Applications*, **2012**, 35, 189-198	7.9	63
125	Resilience and brittleness in the offshore helicopter transportation system: The identification of constraints and sacrifice decisions in pilots' work. *Reliability Engineering and System Safety*, **2009**, 94, 311-319	6.3	56
124	Analysis of the resilience of team performance during a nuclear emergency response exercise. *Applied Ergonomics*, **2014**, 45, 780-8	4.2	47
123	Athena: A collaborative approach to requirements elicitation. *Computers in Industry*, **2009**, 60, 367-380	11.6	42
122	A context-based model for Knowledge Management embodied in work processes. *Information Sciences*, **2009**, 179, 2538-2554	7.7	42
121	Micro incident analysis framework to assess safety and resilience in the operation of safe critical systems: A case study in a nuclear power plant. *Journal of Loss Prevention in the Process Industries*, **2008**, 21, 277-286	3.5	40
120	Acquiring knowledge on business processes from stakeholders' stories. *Advanced Engineering Informatics*, **2010**, 24, 138-148	7.4	32
119	Collaboration and knowledge sharing in network organizations. *Expert Systems With Applications*, **2006**, 31, 715-727	7.8	32
118	Supporting Group Decision Making and Coordination in Urban Disasters Relief. *Journal of Decision Systems*, **2007**, 16, 143-172	1.2	28
117	Applying Group Storytelling in Knowledge Management. *Lecture Notes in Computer Science*, **2004**, 34-41	0.9	24
116	A framework for awareness support in groupware systems. *Computers in Industry*, **2003**, 52, 47-57	11.6	24
115	Key issues in the design of an asynchronous system to support meeting preparation. *Decision Support Systems*, **1999**, 27, 269-287	5.6	19
114	Resilience and brittleness in the ALERTA RIO system: a field study about the decision-making of forecasters. *Natural Hazards*, **2013**, 65, 1831-1847	3	17
113	Decision Making Support in Emergency Response **2008**, 184-191		16
112	A maturity model to promote collaboration in business processes. *International Journal of Business Process Integration and Management*, **2009**, 4, 111	0.8	15
111	The role of collaborative support to promote participation and commitment in software development teams. *Software Process Improvement and Practice*, **2007**, 12, 229-246		15

110	A method for capturing innovation features using group storytelling. *Expert Systems With Applications*, **2011**, 38, 1148-1159	7.8	13
109	A Conceptual Framework for Analyzing the Use of Context in Groupware. *Lecture Notes in Computer Science*, **2003**, 300-313	0.9	13
108	Info Cases: Integrating Use Cases and Domain Models **2008**,		12
107	Supporting multiple viewpoints in collaborative graphical editing. *Multimedia Tools and Applications* , **2007**, 32, 185-208	2.5	12
106	Groupware System Design and the Context Concept. *Lecture Notes in Computer Science*, **2005**, 45-54	0.9	12
105	Awareness-development in the context of climate change resilience. *Urban Climate*, **2020**, 32, 100613	6.8	11
104	A conceptual framework for designing and conducting groupware evaluations. *International Journal of Computer Applications in Technology*, **2004**, 19, 139	0.7	11
103	Systematic Approach to Cyber Resilience Operationalization in SMEs. *IEEE Access*, **2020**, 8, 174200-174221	3.5	11
102	The CSCW Lab for Groupware Evaluation. *Lecture Notes in Computer Science*, **2002**, 222-231	0.9	11
101	Improving emergency plans management with SAGA. *Technological Forecasting and Social Change*, **2013**, 80, 1868-1876	9.5	10
100	Collective intelligence for the design of emergency response **2010**,		10
99	Digital tabletops for situational awareness in emergency situations **2011**,		10
98	A Collaborative Approach to Requirements Elicitation **2007**,		10
97	Support for decision implementation and follow-up. *European Journal of Operational Research*, **2005**, 160, 336-352	5.6	10
96	The design of collaboration support between command and operation teams during emergency response **2010**,		9
95	Dealing with the effects of context mismatch in group work. *Decision Support Systems*, **2007**, 43, 1692-1706	7.5	9
94	A Requirements Engineering Approach for Data Modelling of Process-Aware Information Systems. *Lecture Notes in Business Information Processing*, **2009**, 133-144	0.6	9
93	aDApTA: Adaptive approach to information integration in dynamic environments. *Computers in Industry*, **2015**, 71, 88-102	11.6	8

92	Extending the Software Process Culture - An Approach Based on Groupware and Workflow. *Lecture Notes in Computer Science*, **2001**, 297-311	0.9	8
91	Human factors evaluation in nuclear power plant control rooms using a mobile system to support collaborative observation. *Progress in Nuclear Energy*, **2012**, 55, 93-101	2.3	7
90	Common Context for Decisions and their Implementations. *Group Decision and Negotiation*, **2006**, 15, 221-242	2.5	7
89	Tabulae: educational groupware for learning geometry **2005**,		7
88	Ergonomics, safety, and resilience in the helicopter offshore transportation system of Campos Basin. *Work*, **2015**, 51, 513-35	1.6	6
87	The Assessment of Information Technology Maturity in Emergency Response Organizations. *Group Decision and Negotiation*, **2011**, 20, 593-613	2.5	6
86	Learning through collaborative projects: the architecture of an environment. *International Journal of Computer Applications in Technology*, **2003**, 16, 127	0.7	6
85	OdysseyShare: an environment for collaborative component-based development		6
84	Bridging the Gap Between Decisions and Their Implementations. *Lecture Notes in Computer Science*, **2004**, 153-165	0.9	6
83	Crowdsourcing as a Tool for Urban Emergency Management: Lessons from the Literature and Typology. *Sensors*, **2019**, 19,	3.8	6
82	A framework for variable content document generation with multiple actors. *Information and Software Technology*, **2014**, 56, 1101-1121	3.4	5
81	Support for systems development in mobile devices used in Emergency Management **2012**,		5
80	Applying group storytelling to capture innovation features **2009**,		5
79	Supporting the System Requirements Elicitation through Collaborative Observations. *Lecture Notes in Computer Science*, **2008**, 364-379	0.9	5
78	Sofia **2008**,		5
77	Capturing Context about Group Design Processes **2007**,		5
76	Selectivity of awareness components in asynchronous CSCW environments		5
75	An infrastructure to support the development of collaborative project-based learning environments		5

74	Supporting Collaborative Drawing with the Mask Versioning Mechanism. *Lecture Notes in Computer Science*, **2003**, 208-223	0.9	5
73	A Simple and Portable Command Post to Coordinate Search and Rescue Activities in Disaster Relief Efforts. *Lecture Notes in Computer Science*, **2010**, 337-344	0.9	5
72	A conceptual framework for developing solutions that organise social media information for emergency response teams. *Behaviour and Information Technology*, **2020**, 39, 360-378	2.4	5
71	Understanding Crowd Work in Online Crowdsourcing Platforms for Urban Planning: Systematic Review **2019**,		4
70	Context in Knowledge-Intensive Collaborative Work **2006**,		4
69	Patterns for designing planning mechanisms in CSCL environments. *International Journal of Computer Applications in Technology*, **2006**, 25, 102	0.7	4
68	A middleware to increase awareness in distributed software development workspaces		4
67	Groupware Support for Cooperative Process Elicitation. *Lecture Notes in Computer Science*, **2003**, 232-246.	9	4
66	The Order of the Factors DOES Alter the Product: Cyber Resilience Policies Implementation Order. *Advances in Intelligent Systems and Computing*, **2021**, 306-315	0.4	4
65	OntoWarehousing Multidimensional Design Supported by a Foundational Ontology: A Temporal Perspective. *Lecture Notes in Computer Science*, **2014**, 35-44	0.9	4
64	A flexible architecture for selection and visualization of information in emergency situations **2016**,		4
63	Latin America as a Place for CSCW Research **2018**,		4
62	SM2PIA: A Model to Support the Development of Pragmatic Interoperability Requirements **2016**,		3
61	Shaping procedures to deal with complex situations **2016**,		3
60	An environment to support the discovery of potential partners in a research group **2013**,		3
59	Use of Linked Data in the design of information infrastructure for collaborative emergency management system **2011**,		3
58	Collaborative ethnography: An approach to the elicitation of cognitive requirements of teams **2009** ,		3
57	Lessons Learned from Three Case Studies. *Journal of Decision Systems*, **2008**, 17, 27-40	1.2	3

56	AMPA: Knowledge Management in Analytical-based Decision Processes. *Journal of Decision Systems*, **2004**, 13, 263-286	1.2	3
55	Information technology in latin America: Two decades of collaboration. *Information Technology for Development*, **2000**, 9, 189-204	3.3	3
54	Alternative Dispute Resolution Based on the Storytelling Technique. *Lecture Notes in Computer Science*, **2007**, 15-31	0.9	3
53	Visualizing Composite Knowledge in Emergency Responses using Spatial Hypertext. *International Journal of Information Systems for Crisis Response and Management*, **2011**, 3, 52-65	0.6	3
52	Maturity Levels of Information Technologies in Emergency Response Organizations. *Lecture Notes in Computer Science*, **2008**, 135-150	0.9	3
51	Collective Knowledge Recall: Benefits and Drawbacks. *Lecture Notes in Computer Science*, **2005**, 216-231	0.9	3
50	Learning to Plan the Collaborative Design Process. *Lecture Notes in Computer Science*, **2005**, 33-44	0.9	3
49	Doing CSCW Research in Latin America **2015**,		2
48	A framework for dealing collaboratively with interactions from social media in emergency situations **2017**,		2
47	**2017**,		2
46	Guest Editorial Forward to the Special Issue on Systems Integration and Collaboration in Design, Manufacturing, and Services. *IEEE Transactions on Systems, Man and Cybernetics, Part C: Applications and Reviews*, **2011**, 41, 281-283		2
45	Document product lines **2010**,		2
44	Social networks and emergency: From society to the command room **2011**,		2
43	COLLABORATION AND CONFLICT IN SOFTWARE REVIEW MEETINGS. *International Journal of Information Technology and Decision Making*, **2012**, 11, 1065-1085	2.8	2
42	Tell us your process: A group storytelling approach to cooperative process modeling **2008**,		2
41	Increasing Flexibility in Process Deployment with the Process Beans Composer **2006**,		2
40	An Observation Model for the Collaborative Analysis of Real Workplaces **2007**,		2
39	Identifying Resilient Actions in Decision Making During Emergencies **2008**, 434-442		2

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38	JEMF: A Framework for the Development of Mobile Systems for Emergency Management. *Lecture Notes in Computer Science*, **2014**, 239-254	0.9	2
37	A Method for Identification and Representation of Business Process Deviations. *Lecture Notes in Computer Science*, **2010**, 49-64	0.9	2
36	Planning the Combination of Big Data Insights and Thick Descriptions to Support the Decision-Making Process. *Advances in Intelligent Systems and Computing*, **2019**, 73-82	0.4	2
35	Architecture for gathering and integrating collaborative information for decision support in emergency situations. *International Journal of Information and Communication Technology*, **2018**, 12, 345	0.1	2
34	Introducing Business Process into Legacy Information Systems. *Lecture Notes in Computer Science*, **2005**, 452-457	0.9	2
33	Analytic Evaluation of Groupware Design. *Lecture Notes in Computer Science*, **2006**, 31-40	0.9	2
32	DPLfw **2012**,		1
31	A cooperative assessment of the response capability of emergency organizations **2008**,		1
30	Designing collaboration through a web-based groupware infrastructure. *International Journal of Computer Applications in Technology*, **2004**, 19, 175	0.7	1
29	A cooperative approach for information recommendation and filtering		1
28			1
27	COPSE-Web: An Infrastructure for Developing Web-Based Groupware Applications. *Lecture Notes in Computer Science*, **2002**, 275-284	0.9	1
26	Experimental Findings with Collaborative Writing within a Project-Based Scenario **2003**, 179-190		1
25	Negotiation-Collaboration in Formal Technical Reviews. *Lecture Notes in Computer Science*, **2009**, 344-356	0.9	1
24	Resiliência e fragilidade dos sistemas de trabalho e sustentabilidade´: estudos de casos de sistemas sócio-técnicos complexos no Brasil na área nuclear, aviação e emergência. *Laboreal*, **2009**, 5,	0.7	1
23	Multilayer Superimposed Information for Collaborative Annotation in Wikis. *Lecture Notes in Computer Science*, **2010**, 340-357	0.9	1
22	Contextual Analysis of the Victims Social Network for People Recommendation on the Emergency Scenario. *Lecture Notes in Computer Science*, **2012**, 200-207	0.9	1
21	Systematizing the impacts projection of complex decisions in work groups. *SN Applied Sciences*, **2020**, 2, 1	1.8	1

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| 2 | Construction and Evaluation of a Collaboration Observation Model. *Lecture Notes in Computer Science*, **2014**, 23-37 | 0.9 |

| 1 | An Environment to Foster Scientific Collaborations. *Lecture Notes in Computer Science*, **2014**, 151-158 | 0.9 |