

Fortes, R P M

List of Publications by Year in descending order

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Version: 2024-02-01

124
papers

1,134
citations

949033

11
h-index

843174

20
g-index

127
all docs

127
docs citations

127
times ranked

717
citing authors

#	ARTICLE	IF	CITATIONS
1	A Framework to Semi-automated Usability Evaluations Processing Considering Users' Emotional Aspects. Lecture Notes in Computer Science, 2022, , 419-438.	1.0	1
2	Accessibility and Software Engineering Processes: A Systematic Literature Review. Journal of Systems and Software, 2021, 171, 110819.	3.3	32
3	Code Complexity Impact of Widgets Accessibility Implementation in JavaScript Open-Source Libraries. , 2021, , .		2
4	Considering the Older Adults' Perceptions of IoT for Designing IoT Technologies. Communications in Computer and Information Science, 2021, , 17-31.	0.4	1
5	Usability heuristics on parental privacy controls for smart toys: From an exploratory map to a confirmatory research. Electronic Commerce Research and Applications, 2020, 42, 100984.	2.5	5
6	Teaching-learning practices and methods for the elderly: support for pedagogical and accessibility guidelines. , 2020, , .		1
7	Mobile learning applications for the elderly: eliciting requirements based on pedagogical and accessibility guidelines. , 2020, , .		1
8	A Mechanism for Identifying Dynamic Components in Rich Internet Applications. , 2020, , .		0
9	Challenges of automatically evaluating rich internet applications accessibility. , 2019, , .		5
10	An Overview of Web Accessibility in Different Countries. , 2019, , .		2
11	Startup workplace, mobile games, and older adults. , 2019, , .		1
12	Dynamic Web Content. Human-computer Interaction Series, 2019, , 373-395.	0.4	2
13	Automatic Identification of Widgets and their Subcomponents Based on a Classification Pipeline for DOM Mutation Records. , 2019, , .		2
14	A specialized cognitive walkthrough to evaluate digital games for elderly users. , 2019, , .		1
15	Smart toys and children's privacy. , 2019, , .		5
16	Accessibility in mobile applications for elderly users: a systematic mapping. , 2018, , .		6
17	Gesture4all. , 2018, , .		5
18	Enhancing usability of a Citizen Observatory based on User-centered Design. , 2018, , .		2

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19	A4U - an approach to evaluation considering accessibility and usability guidelines. , 2018, , .		4
20	A support to evaluate web accessibility and usability issues for older adults. , 2018, , .		9
21	A survey on accessibility awareness of Brazilian web developers. , 2018, , .		23
22	Drop-Down Menu Widget Identification Using HTML Structure Changes Classification. ACM Transactions on Accessible Computing, 2018, 11, 1-23.	1.9	9
23	An Analysis of Crossword Learning: A Mobile Application for the Elderly. Lecture Notes in Computer Science, 2018, , 501-515.	1.0	4
24	Adapting web menus to mobile devices for Elderly interactions. , 2018, , .		4
25	Acceptance tests for validating ARIA requirements in widgets. Universal Access in the Information Society, 2017, 16, 3-27.	2.1	16
26	Addressing Mobile Usability and Elderly Users: Validating Contextualized Heuristics. Lecture Notes in Computer Science, 2017, , 379-394.	1.0	7
27	Game Accessibility Evaluation Methods: A Literature Survey. Lecture Notes in Computer Science, 2017, , 182-192.	1.0	12
28	Gestural Interaction for Accessibility of Web Videos. , 2017, , .		2
29	Designing for Parental Control: Enriching Usability and Accessibility in the Context of Smart Toys. International Series on Computer Entertainment and Media Technology, 2017, , 103-125.	0.7	5
30	Towards Characteristics of Accessibility and Usability Issues for Older People - A Brazilian Case Study. Lecture Notes in Computer Science, 2016, , 117-128.	1.0	0
31	Heuristic Evaluation for Novice Evaluators. Lecture Notes in Computer Science, 2016, , 387-398.	1.0	5
32	An analysis of application usage for notes and reminders by older persons-ElderNote Case study. , 2016, , .		5
33	Evolving Heuristic Evaluation for multiple contexts and audiences. , 2016, , .		11
34	Issues on developing interoperable cloud applications: definitions, concepts, approaches, requirements, characteristics and evaluation models. Journal of Software Engineering Research and Development, 2016, 4, .	1.0	11
35	Usability and UX practices in small enterprises. , 2016, , .		15
36	Personalizing health-related ICT interface and application. , 2016, , .		5

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37	Accessibility and Usability Evaluation of Rich Internet Applications. , 2016, , .		3
38	Using Model-Driven Development to Support Portable PaaS Applications. Communications in Computer and Information Science, 2016, , 115-134.	0.4	0
39	A study on the acceptance of website interaction aids by older adults. Universal Access in the Information Society, 2016, 15, 445-460.	2.1	24
40	Automatic identification of drop-down menu widgets using mutation observers and visibility changes. , 2016, , .		6
41	A Model-driven Development for Creating Accessible Web Menus. Procedia Computer Science, 2015, 67, 95-104.	1.2	8
42	Usability and consumption influence of fashion blogs. , 2015, , .		1
43	Florch. , 2015, , .		0
44	A Review of Senescent's Motivation in the Use of Tactile Devices. Procedia Computer Science, 2015, 67, 376-387.	1.2	9
45	A Support for Developers Implement the Accessibility Guidelines Regarding to Web Menus. , 2015, , .		5
46	Video Accessibility on the Most Accessed Websites - A Case Study Regarding Visual Disabilities. Lecture Notes in Computer Science, 2015, , 231-241.	1.0	4
47	CanIHelp: A Platform for Inclusive Collaboration. Lecture Notes in Computer Science, 2015, , 474-483.	1.0	7
48	Fona. ACM Transactions on the Web, 2015, 9, 1-28.	2.0	12
49	Keyboard navigation mechanisms in tab widgets. , 2014, , .		9
50	A nonintrusive approach for implementing single database, multitenant services from web applications. , 2014, , .		3
51	Tests with Blind Programmers Using AWMo: An Accessible Web Modeling Tool. Lecture Notes in Computer Science, 2014, , 104-113.	1.0	4
52	HEUA. , 2014, , .		5
53	An Accessible Video Player for Older People: Issues from a User Test. Procedia Computer Science, 2014, 27, 168-175.	1.2	7
54	Web Videos " Concerns About Accessibility based on User Centered Design. Procedia Computer Science, 2014, 27, 481-490.	1.2	11

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55	Accessible Modeling on the Web: A Case Study. <i>Procedia Computer Science</i> , 2014, 27, 460-470.	1.2	6
56	A User Test with Accessible Video Player Looking for User Experience. <i>Lecture Notes in Computer Science</i> , 2014, , 623-633.	1.0	2
57	Towards a model-driven approach for promoting cloud PaaS portability. , 2013, , .		4
58	Comparative evaluation of the maintainability of RESTful and SOAP-WSDL web services. , 2013, , .		8
59	An approach to improve the accessibility and usability of existing web system. , 2013, , .		5
60	Using acceptance tests to validate accessibility requirements in RIA. , 2012, , .		37
61	Supporting the developer in an accessible edition of web communications. , 2012, , .		3
62	Panorama of the Accessibility Add-ons use in Firefox. <i>Procedia Computer Science</i> , 2012, 14, 311-318.	1.2	0
63	Increasing the Quality of Web Systems: By Inserting Requirements of Accessibility and Usability. , 2012, , .		4
64	An Investigation on the Impact of MDE on Software Reuse. , 2012, , .		11
65	MOOGLE: a metamodel-based model search engine. <i>Software and Systems Modeling</i> , 2012, 11, 183-208.	2.2	28
66	Context sensitive accessibility aid to middle-aged adults and elderly users in web systems. , 2011, , .		1
67	Usability evaluation of horizontal navigation bar with drop-down menus by middle aged adults. , 2011, , .		10
68	AccessibilityUtil. , 2011, , .		2
69	The Link-Offset-Scale Mechanism for Improving the Usability of Touch Screen Displays on the Web. <i>Lecture Notes in Computer Science</i> , 2011, , 356-372.	1.0	5
70	OntoMap: an ontology-based architecture to perform the semantic mapping between an interlingua and software components. <i>Knowledge and Information Systems</i> , 2010, 22, 319-345.	2.1	4
71	A systematic review of domain analysis tools. <i>Information and Software Technology</i> , 2010, 52, 1-13.	3.0	77
72	Adapting Web content for low-literacy readers by using lexical elaboration and named entities labeling. <i>New Review of Hypermedia and Multimedia</i> , 2010, 16, 303-327.	0.9	14

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73	Improving multimodal interaction design with the MMWA authoring environment. , 2010, , .		1
74	Adapting web content for low-literacy readers by using lexical elaboration and named entities labeling. , 2010, , .		9
75	WCAG conformance approach based on model-driven development and WebML. , 2010, , .		8
76	Accessible organizational elements in wikis with model-driven development. , 2010, , .		2
77	An approach based on multiple text input modes for interactive digital TV applications. , 2010, , .		6
78	Improving WCAG for elderly web accessibility. , 2010, , .		19
79	Revealing the whiteboard to blind students: An inclusive approach to provide mediation in synchronous e-learning activities. Computers and Education, 2010, 54, 866-876.	5.1	37
80	Designing Domain Architectures for Model-Driven Engineering. , 2010, , .		2
81	Support for Collaboration in Wikis using Graphical Modeling to Achieve Improvements in Information Architecture and Accessibility. , 2010, , .		1
82	DAS CAPIVARAS E CARRAPATOS A UMA PROPOSTA DE COMUNICAÇÃO E MANEJO NO PARQUE NACIONAL DA SERRA DO CIPÁ PARA REDUÇÃO DE RISCOS À SAÚDE. Oecologia Australis, 2010, 14, 668-685.	0.1	4
83	Using automatic techniques to evaluate usability of web multimodal interfaces design. , 2009, , .		0
84	Facilita. , 2009, , .		55
85	Web communication and interaction modeling using model-driven development. , 2009, , .		10
86	Design of communication in multimodal web interfaces. , 2009, , .		1
87	Facilita. , 2009, , .		2
88	Developing and evaluating web multimodal interfaces - a case study with usability principles. , 2009, , .		6
89	Acessibilidade dos sítios web dos governos estaduais brasileiros: uma análise quantitativa entre 1996 e 2007. Revista De Administracao Publica, 2009, 43, 395-414.	0.3	8
90	Web Accessibility Metrics: Effects of Different Computational Approaches. Lecture Notes in Computer Science, 2009, , 664-673.	1.0	2

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91	Software reuse: The Brazilian industry scenario. Journal of Systems and Software, 2008, 81, 996-1013.	3.3	19
92	Domain Implementation in Software Product Lines Using OSGi. , 2008, , .		4
93	Towards an Assessment Method for Software Reuse Capability (Short Paper). , 2008, , .		1
94	A Comparative Review of Processes for Research Development on Applied Computing. , 2008, , .		1
95	A survey on the accessibility awareness of people involved in web development projects in Brazil. , 2008, , .		45
96	A corpus analysis of simple account texts and the proposal of simplification strategies. , 2008, , .		13
97	Towards Brazilian Portuguese automatic text simplification systems. , 2008, , .		41
98	An evaluation of web accessibility metrics based on their attributes. , 2008, , .		46
99	A fine-grained and flexible version control for software artifacts. , 2008, , .		3
100	Multimodal interfaces design issues. , 2008, , .		5
101	Desenvolvimento de componentes de interfaces multimodais ricas para a web utilizando X+V e Dojo widgets. , 2008, , .		0
102	An approach based on metrics for monitoring web accessibility in Brazilian municipalities web sites. , 2008, , .		26
103	Uma ferramenta para ediÃ§Ã£o colaborativa de diagramas em wikis. , 2008, , .		0
104	The perception of accessibility in Web development by academy, industry and government: a survey of the Brazilian scenario. New Review of Hypermedia and Multimedia, 2008, 14, 149-175.	0.9	29
105	Performing Domain Analysis for Model-Driven Software Reuse. Lecture Notes in Computer Science, 2008, , 200-211.	1.0	6
106	MOOGLE: A Model Search Engine. Lecture Notes in Computer Science, 2008, , 296-310.	1.0	34
107	Using screen readers to reinforce web accessibility education. , 2007, , .		13
108	Using screen readers to reinforce web accessibility education. SIGCSE Bulletin, 2007, 39, 82-86.	0.1	11

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109	Techniques for developing more accessible web applications. , 2007, , .		37
110	Functional and device interoperability in an architectural model of geographic information system. , 2007, , .		2
111	System Description: An Orienteering Strategy to Browse Semantically-Enhanced Educational Wiki Pages. Lecture Notes in Computer Science, 2007, , 809-818.	1.0	4
112	Toward a Code Search Engine Based on the State-of-Art and Practice. , 2006, , .		8
113	Using aspect-oriented PHP to implement crosscutting concerns in a collaborative web system. , 2006, , .		4
114	From Specification to Experimentation: A Software Component Search Engine Architecture. Lecture Notes in Computer Science, 2006, , 82-97.	1.0	15
115	Automatic accessibility evaluation of dynamic web pages generated through XSLT. , 2005, , .		9
116	Strategies for automatic LOM metadata generating in a web-based CSCL tool. , 2005, , .		10
117	A web service for CSCW applications. , 2005, , .		0
118	An open linking service supporting the authoring of web documents. , 2002, , .		7
119	A family of link based metrics for the evaluation of Web documents. SIGWEB Newsletter: the Newsletter of ACM's Special Interest Group on Hypertext and Hypermedia, 1997, 6, 21-23.	0.5	0
120	Versionweb: a tool for open source software development support. , 0, , .		0
121	Preparing, extending and retrieving captured information. , 0, , .		1
122	Strategies for Filling Out LOM Metadata Fields in a Web-Based CSCL Tool. , 0, , .		2
123	A Checklist for the Evaluation of Web Accessibility and Usability for Brazilian Older Adults. Journal of Web Engineering, 0, , .	0.7	0
124	Acessibilidade Digital Durante a Pandemia da COVID-19 - Uma InvestigaÃ§Ã£o sobre as InstituiÃ§Ães de Ensino Superior PÃºblicas Brasileiras. Revista Brasileira De InformÃ¡tica Na EducaÃ§Ã£o, 0, 28, 956-984.	0.1	2