

Ana Cristina Bicharra Garcia

List of Publications by Year in descending order

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Version: 2024-02-01

120
papers

904
citations

686830

13
h-index

580395

25
g-index

126
all docs

126
docs citations

126
times ranked

716
citing authors

#	ARTICLE	IF	CITATIONS
1	Anomaly Detection Based on Sensor Data in Petroleum Industry Applications. <i>Sensors</i> , 2015, 15, 2774-2797.	2.1	111
2	A Quality Inspection Method to Evaluate E-Government Sites. <i>Lecture Notes in Computer Science</i> , 2005, , 198-209.	1.0	64
3	Acquiring design knowledge through design decision justification. <i>Artificial Intelligence for Engineering Design, Analysis and Manufacturing: AIEDAM</i> , 1992, 6, 59-71.	0.7	52
4	High-speed idea filtering with the bag of lemons. <i>Decision Support Systems</i> , 2015, 78, 39-50.	3.5	51
5	Building a project ontology with extreme collaboration and virtual design and construction. <i>Advanced Engineering Informatics</i> , 2004, 18, 71-83.	4.0	50
6	Feature selection methods for text classification: a systematic literature review. <i>Artificial Intelligence Review</i> , 2021, 54, 6149-6200.	9.7	49
7	Can Machines Learn to Detect Fake News? A Survey Focused on Social Media. , 2019, , .		38
8	Crowd-Based Ambient Assisted Living to Monitor the Elderly's Health Outdoors. <i>IEEE Software</i> , 2017, 34, 53-57.	2.1	36
9	Improving ontology-based text classification: An occupational health and security application. <i>Journal of Applied Logic</i> , 2016, 17, 48-58.	1.1	32
10	Interaction and communication resources in collaborative e-democratic environments: The democratic citizenship community. <i>Information Polity</i> , 2010, 15, 73-88.	0.5	30
11	Text Classification Techniques in Oil Industry Applications. <i>Advances in Intelligent Systems and Computing</i> , 2014, , 211-220.	0.5	18
12	BOO: Behavior-oriented ontology to describe participant dynamics in collocated design meetings. <i>Expert Systems With Applications</i> , 2011, 38, 1139-1147.	4.4	17
13	Sensor data analysis for equipment monitoring. <i>Knowledge and Information Systems</i> , 2011, 28, 333-364.	2.1	15
14	ADD+: Including rhetorical structures in active documents. <i>Artificial Intelligence for Engineering Design, Analysis and Manufacturing: AIEDAM</i> , 1997, 11, 109-124.	0.7	14
15	Collective preferences in evolutionary multi-objective optimization. , 2015, , .		12
16	STEMBR: A Stemming Algorithm for the Brazilian Portuguese Language. <i>Lecture Notes in Computer Science</i> , 2005, , 693-701.	1.0	12
17	From data to knowledge mining. <i>Artificial Intelligence for Engineering Design, Analysis and Manufacturing: AIEDAM</i> , 2009, 23, 427-441.	0.7	11
18	Semiotic Traces of Computational Thinking Acquisition. <i>Lecture Notes in Computer Science</i> , 2011, , 155-170.	1.0	11

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19	Rewarding honest ratings through personalised recommendations in electronic commerce. International Journal of Electronic Business, 2005, 3, 392.	0.2	10
20	Sucker-Rod Pumping Failures Diagnostic System. , 2010, , .		10
21	Association Rule Visualization and Pruning through Response-Style Data Organization and Clustering. Lecture Notes in Computer Science, 2012, , 71-80.	1.0	10
22	A semiotic framework for multi-user interfaces. ACM SIGCHI Bulletin, 1997, 29, 28-39.	0.2	10
23	Improving design and documentation by using partially automated synthesis. Artificial Intelligence for Engineering Design, Analysis and Manufacturing: AIEDAM, 1994, 8, 335-354.	0.7	9
24	Voting on the agenda: the key to social efficient meetings. International Journal of Project Management, 2005, 23, 17-24.	2.7	7
25	Design and Metrics of a "Democratic Citizenship Community"™ in Support of Deliberative Decision-Making. Lecture Notes in Computer Science, 2007, , 388-400.	1.0	7
26	HYRIWYG. , 2004, , .		6
27	Cutting to the chase. , 2004, , .		6
28	DemIL. , 2006, , .		6
29	Artificial Neural Networks Ensemble Used for Pipeline Leak Detection Systems. , 2008, , .		6
30	A collaborative working environment for small group meetings in Second Life. SpringerPlus, 2013, 2, 281.	1.2	6
31	Making Sense of Large-Group Discussion Using Automatically Generated RST-Based Explanations. SSRN Electronic Journal, 2015, , .	0.4	6
32	SafeRoute: An Example of Multi-sensoring Tracking for the Elderly Using Mobiles on Ambient Intelligence. Communications in Computer and Information Science, 2015, , 201-212.	0.4	6
33	Technologies for popular participation. , 2016, , .		6
34	Collaboration and Decision Making in Crisis Situations. , 2016, , .		6
35	On the combination of support vector machines and segmentation algorithms for anomaly detection: A petroleum industry comparative study. Journal of Applied Logic, 2017, 24, 71-84.	1.1	6
36	Life beyond the physical body: The possibilities of digital immortality. , 2017, , .		6

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37	Segmentation and Classification of Time-Series: Real Case Studies. Lecture Notes in Computer Science, 2009, , 743-750.	1.0	6
38	Electronic participatory budgeting (e-PPB): increasing people participation in the decision-making process. International Journal of Web Based Communities, 2005, 1, 504.	0.2	5
39	Ontology in association rules. SpringerPlus, 2013, 2, 452.	1.2	5
40	Automated Evaluation of Open Government Data Portals. International Journal of Electronic Government Research, 2018, 14, 57-72.	0.5	5
41	Collective intelligence approaches in interactive evolutionary multi-objective optimization. Logic Journal of the IGPL, 2020, 28, 95-108.	1.3	5
42	Where is our data? A Blockchain-based Information Chain of Custody Model for Privacy Improvement. , 2021, , .		5
43	Discovering Adverse Drug Reactions from Twitter: A Sentiment Analysis Perspective. , 2021, , .		5
44	YASA: Yet Another Time Series Segmentation Algorithm for Anomaly Detection in Big Data Problems. Lecture Notes in Computer Science, 2014, , 697-708.	1.0	5
45	Posthumous data at stake: An Overview of Digital Immortality Issues. , 2021, , .		5
46	Sharing design perspectives through storytelling. Artificial Intelligence for Engineering Design, Analysis and Manufacturing: AIEDAM, 2002, 16, 229-241.	0.7	4
47	An Analysis of Constructed Categories for Textual Classification Using Fuzzy Similarity and Agglomerative Hierarchical Methods. , 2007, , .		4
48	Towards an Ontology to Support the Deployment of eParticipation Environments. Lecture Notes in Computer Science, 2011, , 146-160.	1.0	4
49	An X-Ray of the Brazilian e-Gov Web Sites. Lecture Notes in Computer Science, 2005, , 1138-1141.	1.0	4
50	High-Level Information Fusion for Risk and Accidents Prevention in Pervasive Oil Industry Environments. Communications in Computer and Information Science, 2014, , 202-213.	0.4	4
51	Activity Recognition Model Based on GPS Data, Points of Interest and User Profile. Lecture Notes in Computer Science, 2017, , 358-367.	1.0	4
52	Health Information, Human Factors and Privacy Issues in Mobile Health Applications. , 2020, , .		4
53	Ontology definition and cognitive analysis in occupational health and security (OHS) environments. , 2015, , .		3
54	Grounding knowledge acquisition with ontology explanation:A case study. Web Semantics, 2019, 57, 100487.	2.2	3

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55	Using Distributed-Shared Memory Mechanisms for Agents Communication in a Distributed System. , 2007, , .		2
56	A Multi-agent System for Dynamic Path Planning. , 2010, , .		2
57	Designing mobile interaction to elicit alternative solutions for participatory decision-making. , 2010, , .		2
58	SLMeetingRoom: A model of environment to remote support meetings, oriented tasks with small groups for Second Life. , 2011, , .		2
59	Combining Support Vector Machines and Segmentation Algorithms for Efficient Anomaly Detection: A Petroleum Industry Application. Advances in Intelligent Systems and Computing, 2014, , 269-278.	0.5	2
60	Integrating collective intelligence into evolutionary multi-objective algorithms: Interactive preferences. , 2015, , .		2
61	Intelligent agents for alarm management in petroleum ambient. Journal of Intelligent and Fuzzy Systems, 2015, 28, 43-53.	0.8	2
62	Crowd-based Feature Selection for Document Retrieval in Highly Demanding Decision-making Scenarios. Procedia Computer Science, 2017, 112, 822-832.	1.2	2
63	The PredNews forecasting model. , 2018, , .		2
64	The cost structure of influencersâ€™ posts: the risk of losing followers. Personal and Ubiquitous Computing, 2021, 25, 259-280.	1.9	2
65	FenceBot: An Elderly Tracking App for Mitigating Health Risk Contacts. , 2021, , .		2
66	Conversational Agents for Elderly Interaction. , 2021, , .		2
67	Should I stay or should I go? Managing Brazilian WhatsApp groups. First Monday, 0, , .	0.6	2
68	Information Fusion for Improving Decision-Making in Big Data Applications. Computer Communications and Networks, 2016, , 171-188.	0.8	2
69	Applying the Discourse Theory to the Moderatorâ€™s Interferences in Web Debates. Lecture Notes in Business Information Processing, 2009, , 882-893.	0.8	2
70	Efficient out-of-home activity recognition by complementing GPS data with semantic information. First Monday, 0, , .	0.6	2
71	MAS for Alarm Management System in Emergencies. Lecture Notes in Computer Science, 2012, , 712-721.	1.0	2
72	The Bag of Stars: High-Speed Idea Filtering for Open Innovation. SSRN Electronic Journal, 0, , .	0.4	2

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73	Accessibility and communicability on Facebook: A case study with Brazilian elderly. <i>First Monday</i> , 0, , .	0.6	2
74	Fake News and Sarcasm, what is the limit of a critic and what is intentionally fake?. , 0, , .		2
75	Using Distributed-Shared Memory Mechanisms for Agents Communication in a Distributed System. , 2007, , .		1
76	Todas as palavras da sentenÃ§a como mÃ©trica para um sumarizador automÃ¡tico. , 2008, , .		1
77	Identifying discourse mistakes in web debates. , 2009, , .		1
78	Cassiopeia: A model based on summarization and clusterization used for knowledge discovery in textual bases. , 2009, , .		1
79	Troubleshooting collaborative ontology design. , 2009, , .		1
80	AGUIA: Agents Guidance for Intelligence Amplification in Goal Oriented Tasks. , 2010, , .		1
81	High-Speed Idea Filtering with the Bag of Lemons. <i>SSRN Electronic Journal</i> , 2014, , .	0.4	1
82	Modeling social interactions for multi-sensory tracking of elders in outdoor environments on ambient assisted living. , 2015, , .		1
83	Using Collective Intelligence to Support Multi-objective Decisions: Collaborative and Online Preferences. , 2015, , .		1
84	Maturity in decision-making: a method to measure e-participation systems in virtual communities. <i>International Journal of Web Based Communities</i> , 2018, 14, 395.	0.2	1
85	Creating chatbots to talk with humans. , 2019, , .		1
86	Exploiting eParticipation Using an Ontological Approach. <i>Lecture Notes in Computer Science</i> , 2012, , 144-155.	1.0	1
87	Explanations and sensemaking with AI and HCI. , 2019, , .		1
88	Detecting Influence in Wisdom of the Crowds. , 2018, , .		1
89	ADDGEO: An Intelligent Agent to Assist Geologist Finding Petroleum in Offshore Lands. <i>Lecture Notes in Computer Science</i> , 2000, , 316-321.	1.0	1
90	An Expert System Based on Parametric Net to Support Motor Pump Multi-Failure Diagnostic. <i>IFIP Advances in Information and Communication Technology</i> , 2009, , 13-20.	0.5	1

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91	An Intelligent Design Model for Offshore Petroleum Production Elements Layout. Lecture Notes in Computer Science, 2012, , 702-711.	1.0	1
92	Turbo Machinery Failure Prognostics. Lecture Notes in Computer Science, 2014, , 349-358.	1.0	1
93	Bio-Inspired Algorithms and Preferences for Multi-objective Problems. Lecture Notes in Computer Science, 2016, , 238-249.	1.0	1
94	ACoPla: a Multiagent Simulator to Study Individual Strategies in Dynamic Situations. Advances in Distributed Computing and Artificial Intelligence Journal, 2018, 7, 81-91.	1.1	1
95	A method for analyzing team design activity. , 1995, , .		0
96	Applying the HYRIWYG Incentive Mechanism in a Recommender System. , 0, , .		0
97	Applying Collaborative Filtering to Reputation Domain: a model for more precise reputation estimates in case of changing behavior by rated participants. , 2006, , 71-80.		0
98	Simulated architecture and programming model for Social Proxy in Second Life. , 2010, , .		0
99	The Experience of Film Production in Collaborative Virtual Environments. , 2010, , .		0
100	Development of a Social Proxy for Support the Meetings in Second Life. , 2010, , .		0
101	The Cassiopeia Model: Using summarization and clusterization for semantic knowledge management. , 2011, , .		0
102	Personal Neighborhood Networks for Senior Citizen Support. , 2018, , .		0
103	What Does a Crowd Routing Behavior Change Reveal?. , 2018, , .		0
104	Events that Affect Urban Mobility Patterns: an Analysis of Beijing GPS Data. , 2019, , .		0
105	Behavior Indicators for Sensemaking of Online Discussions. , 2019, , .		0
106	Extending Collective Intelligence Evolutionary Algorithms: A Facility Location Problem Application. , 2020, , .		0
107	Temporal and Causal Relations on Evidence Theory: an Application on Adverse Drug Reactions. Proceedings of the ... International Florida Artificial Intelligence Research Society Conference, 2021, 34, .	0.3	0
108	ESPAÑOL REUNI - UMA INICIATIVA DE E-GOV EM MUNDOS VIRTUAIS 3D. Revista Eletrônica De Sistemas De InformaçÃo, 2009, 8, .	0.0	0

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109	Augmenting Human Intelligence in Goal Oriented Tasks. Studies in Computational Intelligence, 2011, , 271-299.	0.7	0
110	The Bag of Stars: High-Speed Idea Filtering for Open Innovation. SSRN Electronic Journal, 0, , .	0.4	0
111	Development of Open Source Software, a Qualitative View in a Knowledge Management Approach. , 2014, , .		0
112	Big Data Visualization for Occupational Health and Security Problem in Oil and Gas Industry. Lecture Notes in Computer Science, 2015, , 46-54.	1.0	0
113	Prediç�o do resultado das eleiç�es presidenciais do Brasil baseado em tues. , 0, , .		0
114	Gamification and Information Fusion for Rehabilitation: An Ambient Assisted Living Case Study. Lecture Notes in Computer Science, 2016, , 16-25.	1.0	0
115	Reconhecimento de Imagens usando Redes Neurais ou Reflexes sobre a Importncia da Filtragem de dados para Reconhecimento de Imagens. , 0, , .		0
116	Por onde anda a comunidade de Sistemas Colaborativos?. , 0, , .		0
117	When Less is More: Mining Infrequent Events from Medium Sized Datasets. , 2018, , .		0
118	Pontos de Verificaç�o para o Desenvolvimento de Redes Sociais Online: Um Estudo de Caso com Idosos Brasileiros no Facebook. , 0, , .		0
119	Indicadores de comportamento para auxiliar o entendimento de discusses online. , 0, , .		0
120	Utilizaç�o de influenciadores digitais para a mobilizaç�o de seguidores em favor de causas sociais. , 0, , .		0