Ana Cristina Bicharra Garcia

List of Publications by Year
in descending order

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	The cost structure of influencersâ€™ posts: the risk of losing followers. Personal and Ubiquitous Computing, 2021, 25, 259-280.	1.9	2
2	Feature selection methods for text classification: a systematic literature review. Artificial Intelligence Review, 2021, 54, 6149-6200.	9.7	49
3	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
4	Where is our data? A Blockchain-based Information Chain of Custody Model for Privacy Improvement. , 2021, , .		5
5	FenceBot: An Elderly Tracking App for Mitigating Health Risk Contacts. , 2021, , .		2
6	Discovering Adverse Drug Reactions from Twitter: A Sentiment Analysis Perspective. , 2021, , .		5
7	Conversational Agents for Elderly Interaction. , 2021, , .		2
8	Posthumous data at stake: An Overview of Digital Immortality Issues. , 2021, , .		5
9	Extending Collective Intelligence Evolutionary Algorithms: A Facility Location Problem Application. , 2020, , .		0
10	Collective intelligence approaches in interactive evolutionary multi-objective optimization. Logic Journal of the IGPL, 2020, 28, 95-108.	1.3	5
11	Health Information, Human Factors and Privacy Issues in Mobile Health Applications. , 2020, , .		4
12	Creating chatbots to talk with humans. , 2019, , .		1
13	Events that Affect Urban Mobility Patterns: an Analysis of Beijing GPS Data. , 2019, , .		0
14	Behavior Indicators for Sensemaking of Online Discussions. , 2019, , .		0
15	Grounding knowledge acquisition with ontology explanation:A case study. Web Semantics, 2019, 57, 100487.	2.2	3
16	Explanations and sensemaking with AI and HCI. , 2019, , .		1
17	Can Machines Learn to Detect Fake News? A Survey Focused on Social Media. , 2019, , .		38
18	Automated Evaluation of Open Government Data Portals. International Journal of Electronic Government Research, 2018, 14, 57-72.	0.5	5

#	Article	IF	Citations
19	Personal Neighborhood Networks for Senior Citizen Support. , 2018, , .		0
20	What Does a Crowd Routing Behavior Change Reveal?. , 2018, , .		0
21	Maturity in decision-making: a method to measure e-participation systems in virtual communities. International Journal of Web Based Communities, 2018, 14, 395.	0.2	1
22	The PredNews forecasting model. , 2018, , .		2
23	Detecting Influence in Wisdom of the Crowds. , 2018, , .		1
24	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
25	When Less is More: Mining Infrequent Events from Medium Sized Datasets. , 2018, , .		0
26	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
27	Crowd-based Feature Selection for Document Retrieval in Highly Demanding Decision-making Scenarios. Procedia Computer Science, 2017, 112, 822-832.	1.2	2
28	Crowd-Based Ambient Assisted Living to Monitor the Elderly's Health Outdoors. IEEE Software, 2017, 34, 53-57.	2.1	36
29	Life beyond the physical body: The possibilities of digital immortality. , 2017, , .		6
30	Activity Recognition Model Based on GPS Data, Points of Interest and User Profile. Lecture Notes in Computer Science, 2017, , 358-367.	1.0	4
31	Technologies for popular participation. , 2016, , .		6
32	Improving ontology-based text classification: An occupational health and security application. Journal of Applied Logic, 2016, 17, 48-58.	1.1	32
33	Collaboration and Decision Making in Crisis Situations. , 2016, , .		6
34	Information Fusion for Improving Decision-Making in Big Data Applications. Computer Communications and Networks, 2016, , 171-188.	0.8	2
35	Gamification and Information Fusion for Rehabilitation: An Ambient Assisted Living Case Study. Lecture Notes in Computer Science, 2016, , 16-25.	1.0	0
36	Bio-Inspired Algorithms and Preferences for Multi-objective Problems. Lecture Notes in Computer Science, 2016, , 238-249.	1.0	1

#	ARTICLE	IF	CITATIONS
37	Integrating collective intelligence into evolutionary multi-objective algorithms: Interactive preferences. , 2015, , .		2
38	Modeling social interactions for multi-sensory tracking of elders in outdoor environments on ambient assisted living. , 2015, , .		1
39	Making Sense of Large-Group Discussion Using Automatically Generated RST-Based Explanations. SSRN Electronic Journal, 2015, , .	0.4	6
40	Using Collective Intelligence to Support Multi-objective Decisions: Collaborative and Online Preferences. , 2015, , .		1
41	Anomaly Detection Based on Sensor Data in Petroleum Industry Applications. Sensors, 2015, 15, 2774-2797.	2.1	111
42	Intelligent agents for alarm management in petroleum ambient. Journal of Intelligent and Fuzzy Systems, 2015, 28, 43-53.	0.8	2
43	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
44	Ontology definition and cognitive analysis in ocupational health and security (OHS) environments. , 2015, , .		3
45	Collective preferences in evolutionary multi-objective optimization. , 2015, , .		12
46	High-speed idea filtering with the bag of lemons. Decision Support Systems, 2015, 78, 39-50.	3.5	51
47	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
48	High-Speed Idea Filtering with the Bag of Lemons. SSRN Electronic Journal, 2014, , .	0.4	1
49	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
50	Text Classification Techniques in Oil Industry Applications. Advances in Intelligent Systems and Computing, 2014, , 211-220.	0.5	18
51	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
52	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
53	Development of Open Source Software, a Qualitative View in a Knowledge Management Approach. , 2014, , .		0
54	Turbo Machinery Failure Prognostics. Lecture Notes in Computer Science, 2014, , 349-358.	1.0	1

#	Article	IF	Citations
55	Ontology in association rules. SpringerPlus, 2013, 2, 452.	1.2	5
56	A collaborative working environment for small group meetings in Second Life. SpringerPlus, 2013, 2, 281.	1.2	6
57	Association Rule Visualization and Pruning through Response-Style Data Organization and Clustering. Lecture Notes in Computer Science, 2012, , 71-80.	1.0	10
58	Exploiting eParticipation Using an Ontological Approach. Lecture Notes in Computer Science, 2012, , 144-155.	1.0	1
59	MAS for Alarm Management System in Emergencies. Lecture Notes in Computer Science, 2012, , 712-721.	1.0	2
60	An Intelligent Design Model for Offshore Petroleum Production Elements Layout. Lecture Notes in Computer Science, 2012, , 702-711.	1.0	1
61	The Cassiopeia Model: Using summarization and clusterization for semantic knowledge management. , 2011, , .		0
62	Towards an Ontology to Support the Deployment of eParticipation Environments. Lecture Notes in Computer Science, 2011, , 146-160.	1.0	4
63	Sensor data analysis for equipment monitoring. Knowledge and Information Systems, 2011, 28, 333-364.	2.1	15
64	BOO: Behavior-oriented ontology to describe participant dynamics in collocated design meetings. Expert Systems With Applications, 2011, 38, 1139-1147.	4.4	17
65	SLMeetingRoom: A model of environment to remote support meetings, oriented tasks with small groups for Second Life. , 2011, , .		2
66	Semiotic Traces of Computational Thinking Acquisition. Lecture Notes in Computer Science, 2011, , 155-170.	1.0	11
67	Augmenting Human Intelligence in Goal Oriented Tasks. Studies in Computational Intelligence, 2011, , 271-299.	0.7	0
68	Sucker-Rod Pumping Failures Diagnostic System. , 2010, , .		10
69	Simulated architecture and programming model for Social Proxy in Second Life. , 2010, , .		0
70	The Experience of Film Production in Collaborative Virtual Environments. , 2010, , .		0
71	Interaction and communication resources in collaborative e-democratic environments: The democratic citizenship community. Information Polity, 2010, 15, 73-88.	0.5	30
72	AGUIA: Agents Guidance for Intelligence Amplification in Goal Oriented Tasks. , 2010, , .		1

#	Article	IF	Citations
73	A Multi-agent System for Dynamic Path Planning. , 2010, , .		2
74	Development of a Social Proxy for Support the Meetings in Second Life. , 2010, , .		0
75	Designing mobile interaction to elicit alternative solutions for participatory decision-making. , 2010, , .		2
76	Identifying discourse mistakes in web debates. , 2009, , .		1
77	From data to knowledge mining. Artificial Intelligence for Engineering Design, Analysis and Manufacturing: AIEDAM, 2009, 23, 427-441.	0.7	11
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	Applying the Discourse Theory to the Moderator's Interferences in Web Debates. Lecture Notes in Business Information Processing, 2009, , 882-893.	0.8	2
81	Segmentation and Classification of Time-Series: Real Case Studies. Lecture Notes in Computer Science, 2009, , 743-750.	1.0	6
82	An Expert System Based on Parametric Net to Support Motor Pump Multi-Failure Diagnostic. IFIP Advances in Information and Communication Technology, 2009, , 13-20.	0.5	1
83	ESPAÇO REUNI - UMA INICIATIVA DE E-GOV EM MUNDOS VIRTUAIS 3D. Revista Eletrônica De Sistemas De Informação, 2009, 8, .	0.0	0
84	Artificial Neural Networks Ensemble Used for Pipeline Leak Detection Systems. , 2008, , .		6
85	Todas as palavras da sentença como métrica para um sumarizador automático. , 2008, , .		1
86	An Analysis of Constructed Categories for Textual Classification Using Fuzzy Similarity and Agglomerative Hierarchical Methods. , 2007, , .		4
87	Using Distributed-Shared Memory Mechanisms for Agents Communication in a Distributed System. , 2007, , .		1
88	Using Distributed-Shared Memory Mechanisms for Agents Communication in a Distributed System. , 2007, , .		2
89	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
90	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

#	Article	IF	Citations
91	DemIL. , 2006, , .		6
92	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
93	Rewarding honest ratings through personalised recommendations in electronic commerce. International Journal of Electronic Business, 2005, 3, 392.	0.2	10
94	Voting on the agenda: the key to social efficient meetings. International Journal of Project Management, 2005, 23, 17-24.	2.7	7
95	A Quality Inspection Method to Evaluate E-Government Sites. Lecture Notes in Computer Science, 2005, , 198-209.	1.0	64
96	An X-Ray of the Brazilian e-Gov Web Sites. Lecture Notes in Computer Science, 2005, , 1138-1141.	1.0	4
97	STEMBR: A Stemming Algorithm for the Brazilian Portuguese Language. Lecture Notes in Computer Science, 2005, , 693-701.	1.0	12
98	HYRIWYG. , 2004, , .		6
99	Cutting to the chase. , 2004, , .		6
100	Building a project ontology with extreme collaboration and virtual design and construction. Advanced Engineering Informatics, 2004, 18, 71-83.	4.0	50
101	Sharing design perspectives through storytelling. Artificial Intelligence for Engineering Design, Analysis and Manufacturing: AIEDAM, 2002, 16, 229-241.	0.7	4
102	ADDGEO: An Intelligent Agent to Assist Geologist Finding Petroleum in Offshore Lands. Lecture Notes in Computer Science, 2000, , 316-321.	1.0	1
103	ADD+: Including rhetorical structures in active documents. Artificial Intelligence for Engineering Design, Analysis and Manufacturing: AIEDAM, 1997, 11, 109-124.	0.7	14
104	A semiotic framework for multi-user interfaces. ACM SIGCHI Bulletin, 1997, 29, 28-39.	0.2	10
105	A method for analyzing team design activity. , 1995, , .		0
106	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
107	Acquiring design knowledge through design decision justification. Artificial Intelligence for Engineering Design, Analysis and Manufacturing: AIEDAM, 1992, 6, 59-71.	0.7	52
108	Applying the HYRIWYG Incentive Mechanism in a Recommender System. , 0, , .		0

#	Article	IF	Citations
109	Should I stay or should I go? Managing Brazilian WhatsApp groups. First Monday, 0, , .	0.6	2
110	Efficient out-of-home activity recognition by complementing GPS data with semantic information. First Monday, 0, , .	0.6	2
111	The Bag of Stars: High-Speed Idea Filtering for Open Innovation. SSRN Electronic Journal, 0, , .	0.4	0
112	The Bag of Stars: High-Speed Idea Filtering for Open Innovation. SSRN Electronic Journal, 0, , .	0.4	2
113	PrediÃ§Ã£o do resultado das eleiÃ§Ãµes presidenciais do Brasil baseado em tuÃ‡es. , 0, , .		0
114	Reconhecimento de Imagens usando Redes Neurais ou Reflexï¿½es sobre a Importï¿½ncia da Filtragem de dados para Reconhecimento de Imagens. , 0, , .		0
115	Por onde anda a comunidade de Sistemas Colaborativos?. , 0, , .		0
116	Accessibility and communicability on Facebook: A case study with Brazilian elderly. First Monday, 0, , .	0.6	2
117	Pontos de VerificaÃ§Ã£o para o Desenvolvimento de Redes Sociais Online: Um Estudo de Caso com Idosos Brasileiros no Facebook. , 0, , .		0
118	Fake News and Sarcasm, what is the limit of a critic and what is intentionally fake?. , 0, , .		2
119	Indicadores de comportamento para auxiliar o entendimento de discussÃµes online. , 0, , .		0
120	UtilizaÃ§Ã£o de influenciadores digitais para a mobilizaÃ§Ã£o de seguidores em favor de causas sociais. , 0, , .		0