

Eugênio Da Costa Oliveira

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2046254/publications.pdf>

Version: 2024-02-01

177
papers

1,703
citations

566801

15
h-index

580395

25
g-index

196
all docs

196
docs citations

196
times ranked

1195
citing authors

#	ARTICLE	IF	CITATIONS
1	Agent-Based Distributed Data Analysis in Industrial Cyber-Physical Systems. IEEE Journal of Emerging and Selected Topics in Industrial Electronics, 2022, 3, 5-12.	3.0	7
2	The Quest for Beneficial AI. , 2019, , .		1
3	Using Virtual Reality Environments to Predict Pedestrian Behaviour. , 2019, , .		1
4	Distributing Intelligence among Cloud, Fog and Edge in Industrial Cyber-physical Systems. , 2019, , .		13
5	Agent Process Modelling. Lecture Notes in Computer Science, 2019, , 277-280.	1.0	1
6	Agent-Based Approach for Decentralized Data Analysis in Industrial Cyber-Physical Systems. Lecture Notes in Computer Science, 2019, , 130-144.	1.0	3
7	Regulating Blockchain Smart Contracts with Agent-Based Markets. Lecture Notes in Computer Science, 2019, , 399-411.	1.0	2
8	Applying Deep Neural Networks to Named Entity Recognition in Portuguese Texts. , 2018, , .		2
9	Decentralized and on-the-fly agent-based service reconfiguration in manufacturing systems. Computers in Industry, 2018, 101, 81-90.	5.7	31
10	Automatic generation of disassembly sequences and exploded views from solidworks symbolic geometric relationships. , 2018, , .		9
11	Beneficial AI: the next battlefield. Journal of Innovation Management, 2018, 5, 6-17.	0.9	2
12	Adding the Third Dimension to Urban Networks for Electric Mobility Simulation: An Example for the City of Porto. Studies in Computational Intelligence, 2018, , 199-214.	0.7	1
13	Multi-agent Based Uncoordinated Channel Hopping in the IEEE 802.15.4e. Advances in Intelligent Systems and Computing, 2018, , 287-296.	0.5	1
14	Optimizing Meta-heuristics for the Time-Dependent TSP Applied to Air Travels. Lecture Notes in Computer Science, 2018, , 730-739.	1.0	1
15	FEUP at SemEval-2018 Task 5: An Experimental Study of a Question Answering System. , 2018, , .		1
16	Development of flexible languages for scenario and team description in multirobot missions. Artificial Intelligence for Engineering Design, Analysis and Manufacturing: AIEDAM, 2017, 31, 69-86.	0.7	1
17	Computational Models for Social and Technical Interactions. New Generation Computing, 2017, 35, 307-310.	2.5	0
18	Learning Word Embeddings from the Portuguese Twitter Stream: A Study of Some Practical Aspects. Lecture Notes in Computer Science, 2017, , 880-891.	1.0	1

#	ARTICLE	IF	CITATIONS
19	TexRep: A Text Mining Framework for Online Reputation Monitoring. <i>New Generation Computing</i> , 2017, 35, 365-389.	2.5	10
20	Development of a smart electric motor testbed for Internet of Things and big data technologies. , 2017, , .		5
21	Industrial Cyber Physical Systems Supported by Distributed Advanced Data Analytics. <i>Studies in Computational Intelligence</i> , 2017, , 47-59.	0.7	7
22	FEUP at SemEval-2017 Task 5: Predicting Sentiment Polarity and Intensity with Financial Word Embeddings. , 2017, , .		8
23	An Agent-Based Approach for the Dynamic and Decentralized Service Reconfiguration in Collaborative Production Scenarios. <i>Lecture Notes in Computer Science</i> , 2017, , 140-154.	1.0	2
24	ResMAS - A Conceptual MAS Model for Resource-Based Integrated Markets. <i>Communications in Computer and Information Science</i> , 2017, , 117-129.	0.4	4
25	A Facility Layout Planner tool based on Genetic Algorithms. , 2016, , .		4
26	Three dimensional modelling of Porto's network for electric mobility simulation. , 2016, , .		3
27	A comparative study of meta-heuristics for the aircraft landing scheduling problem. , 2016, , .		4
28	An exploratory study of taxi sharing schemas. , 2016, , .		6
29	Adaptive Multi-agent System for Smart Grid Regulation with Norms and Incentives. <i>IFIP Advances in Information and Communication Technology</i> , 2016, , 315-322.	0.5	1
30	Triggering strategies for automatic and online service reconfiguration. , 2016, , .		2
31	Vanishing scares: biofeedback modulation of affective player experiences in a procedural horror game. <i>Journal on Multimodal User Interfaces</i> , 2016, 10, 31-62.	2.0	35
32	TimeMachine: Entity-Centric Search and Visualization of News Archives. <i>Lecture Notes in Computer Science</i> , 2016, , 845-848.	1.0	10
33	TugaTAC Broker: A Fuzzy Logic Adaptive Reasoning Agent for Energy Trading. <i>Lecture Notes in Computer Science</i> , 2016, , 188-202.	1.0	8
34	ANTE: A Framework Integrating Negotiation, Norms and Trust. <i>Law, Governance and Technology Series</i> , 2016, , 27-45.	0.3	2
35	MAESTROS: Multi-Agent Simulation of Rework in Open Source Software. <i>Studies in Computational Intelligence</i> , 2016, , 61-73.	0.7	3
36	A Weighted Constraint Optimization Approach to the Nurse Scheduling Problem. , 2015, , .		11

#	ARTICLE	IF	CITATIONS
37	Modelling human emotion in interactive environments: Physiological ensemble and grounded approaches for synthetic agents. <i>Web Intelligence</i> , 2015, 13, 195-214.	0.1	21
38	Demand-Side Management in Power Grids: An Ant Colony Optimization Approach. , 2015, , .		4
39	Studying the Impact of the Organizational Structure on Airline Operations Control. , 2015, , 103-124.		2
40	Crowd Simulation Applied to Emergency and Evacuation Scenarios. , 2015, , 149-161.		2
41	Distributed flight simulation environment using flight simulator X. , 2015, , .		2
42	An annotation tool for automatically triangulating individuals' psychophysiological emotional reactions to digital media stimuli. <i>Entertainment Computing</i> , 2015, 9-10, 19-27.	1.8	4
43	Adaptive Services Reconfiguration in Manufacturing Environments Using a Multi-agent System Approach. <i>Lecture Notes in Computer Science</i> , 2015, , 280-284.	1.0	1
44	Self-interested Service-Oriented Agents Based on Trust and QoS for Dynamic Reconfiguration. <i>Studies in Computational Intelligence</i> , 2015, , 209-218.	0.7	5
45	An approach to computational social trust. <i>AI Communications</i> , 2014, 27, 113-131.	0.8	3
46	Trustworthy agents for B2B operations under Normative environment. , 2014, , .		1
47	Dynamic Composition of Service Oriented Multi-agent System in Self-organized Environments. , 2014, , .		10
48	Computational Models of Players' Physiological-Based Emotional Reactions: A Digital Games Case Study. , 2014, , .		8
49	Ranking MEDLINE documents. <i>Journal of the Brazilian Computer Society</i> , 2014, 20, .	0.8	0
50	On the integration of trust with negotiation, argumentation and semantics. <i>Knowledge Engineering Review</i> , 2014, 29, 31-50.	2.1	6
51	Development of a flexible language for mission description for multi-robot missions. <i>Information Sciences</i> , 2014, 288, 27-44.	4.0	10
52	Designing players' emotional reaction models: A generic method towards adaptive affective gaming. , 2014, , .		3
53	A New Approach for Disruption Management in Airline Operations Control. <i>Studies in Computational Intelligence</i> , 2014, , .	0.7	14
54	Learning in Heterogeneous Environments. , 2014, , .		0

#	ARTICLE	IF	CITATIONS
55	What We Can Learn from Looking at Profanity. Lecture Notes in Computer Science, 2014, , 108-113.	1.0	6
56	Self-organization Combining Incentives and Risk Management for a Dynamic Service-Oriented Multi-agent System. IFIP Advances in Information and Communication Technology, 2014, , 101-108.	0.5	0
57	Normative Monitoring of Agents to Build Trust in an Environment for B2B. Lecture Notes in Computer Science, 2014, , 172-181.	1.0	1
58	Forward collision warning systems using heads-up displays: Testing usability of two new metaphors. , 2013, , .		1
59	A Hybrid Approach at Emotional State Detection: Merging Theoretical Models of Emotion with Data-Driven Statistical Classifiers. , 2013, , .		20
60	Determining language variant in microblog messages. , 2013, , .		8
61	Forward collision warning systems using heads-up displays: Testing usability of two new metaphors. , 2013, , .		7
62	Real-Time Psychophysiological Emotional State Estimation in Digital Gameplay Scenarios. Communications in Computer and Information Science, 2013, , 243-252.	0.4	14
63	Norms and Trust. Law, Governance and Technology Series, 2013, , 221-231.	0.3	6
64	Modelling Agent Institutions. , 2013, , 277-307.		11
65	A Socio-cognitive Perspective of Trust. Law, Governance and Technology Series, 2013, , 419-429.	0.3	11
66	TwitterEcho. , 2012, , .		51
67	A Multi-Agent Recommender System. Advances in Intelligent and Soft Computing, 2012, , 281-288.	0.2	18
68	Software agents: Can we trust them?. , 2012, , .		3
69	Towards an autonomous and intelligent Airline Operations Control. , 2012, , .		3
70	Modeling the Trustworthiness of a Supplier Agent in a B2B Relationship. International Federation for Information Processing, 2012, , 675-686.	0.4	4
71	Using TraSMAPI for the assessment of multi-agent traffic management solutions. Progress in Artificial Intelligence, 2012, 1, 157-164.	1.5	6
72	A Software Framework for Building Biomedical Machine Learning Classifiers through Grid Computing Resources. Journal of Medical Systems, 2012, 36, 2245-2257.	2.2	15

#	ARTICLE	IF	CITATIONS
73	Designing a meta-model for a generic robotic agent system using Gaia methodology. Information Sciences, 2012, 195, 190-210.	4.0	11
74	Trust Evaluation for Reliable Electronic Transactions between Business Partners. Lecture Notes in Business Information Processing, 2012, , 219-237.	0.8	2
75	Trust and Normative Control in Multi-agent Systems: An Empirical Study. Advances in Intelligent and Soft Computing, 2012, , 207-214.	0.2	6
76	From Sequences to Papers: An Information Retrieval Exercise. , 2011, , .		1
77	Social control in a normative framework: An adaptive deterrence approach. Web Intelligence and Agent Systems, 2011, 9, 363-375.	0.4	15
78	A New Concept for Disruption Management in Airline Operations Control. Proceedings of the Institution of Mechanical Engineers, Part G: Journal of Aerospace Engineering, 2011, 225, 269-290.	0.7	12
79	Being Happy, Healthy and Whole Watching Movies That Affect Our Emotions. Lecture Notes in Computer Science, 2011, , 35-45.	1.0	9
80	Extracting Trustworthiness Tendencies Using the Frequency Increase Metric. Lecture Notes in Business Information Processing, 2011, , 208-221.	0.8	2
81			

#	ARTICLE	IF	CITATIONS
91	TraSMAP: An API oriented towards Multi-Agent Systems real-time interaction with multiple Traffic Simulators. , 2010, , .		18
92	Engaging the Dynamics of Trust in Computational Trust and Reputation Systems. Lecture Notes in Computer Science, 2010, , 22-31.	1.0	13
93	A generic model for a robotic agent system using GAIA methodology: Two distinct implementations. , 2010, , .		2
94	Comparing Verb Synonym Resources for Portuguese. Lecture Notes in Computer Science, 2010, , 100-109.	1.0	3
95	Trust Estimation Using Contextual Fitness. Lecture Notes in Computer Science, 2010, , 42-51.	1.0	7
96	Directed Deadline Obligations in Agent-Based Business Contracts. Lecture Notes in Computer Science, 2010, , 225-240.	1.0	13
97	An Approach for Virtual Organisations™ Dissolution. Lecture Notes in Computer Science, 2010, , 70-85.	1.0	3
98	Introducing ROC Curves as Error Measure Functions: A New Approach to Train ANN-Based Biomedical Data Classifiers. Lecture Notes in Computer Science, 2010, , 517-524.	1.0	4
99	Making Electronic Contracting Operational and Trustworthy. Lecture Notes in Computer Science, 2010, , 264-273.	1.0	7
100	Comparing Sentence-Level Features for Authorship Analysis in Portuguese. Lecture Notes in Computer Science, 2010, , 51-54.	1.0	4
101	Propagating Fine-Grained Topic Labels in News Snippets. , 2009, , .		1
102	Adaptive Deterrence Sanctions in a Normative Framework. , 2009, , .		10
103	Automatic creation of a reference corpus for political opinion mining in user-generated content. , 2009, , .		26
104	Conceptualization and implementation of a microscopic pedestrian simulation platform. , 2009, , .		2
105	Emotional access and interaction with videos. , 2009, , .		2
106	Clues for detecting irony in user-generated contents. , 2009, , .		151
107	Biometric Emotion Assessment and Feedback in an Immersive Digital Environment. International Journal of Social Robotics, 2009, 1, 307-317.	3.1	16
108	Inferring local synonyms for improving keyword suggestion in an on-line advertisement system. , 2009, , .		2

#	ARTICLE	IF	CITATIONS
109	A Context-Based Institutional Normative Environment. Lecture Notes in Computer Science, 2009, , 140-155.	1.0	16
110	An Approach to Web-Scale Named-Entity Disambiguation. Lecture Notes in Computer Science, 2009, , 689-703.	1.0	10
111	Assessing the Impact of Thesaurus-Based Expansion Techniques in QA-Centric IR. Lecture Notes in Computer Science, 2009, , 325-332.	1.0	1
112	Computing Confidence Values: Does Trust Dynamics Matter?. Lecture Notes in Computer Science, 2009, , 520-531.	1.0	18
113	USING QUALITY COSTS IN A MULTI-AGENT SYSTEM FOR AN AIRLINE OPERATIONS CONTROL. , 2009, , .		2
114	Agent-Based Aircraft Control Strategies in a Simulated Environment. Lecture Notes in Computer Science, 2009, , 190-205.	1.0	1
115	Simulating Communication in a Service-Oriented Architecture for V2V Networks. Lecture Notes in Computer Science, 2009, , 15-26.	1.0	2
116	Efficient Clustering of Web-Derived Data Sets. Lecture Notes in Computer Science, 2009, , 398-412.	1.0	2
117	Towards a Cooperative Traffic Network Editor. Lecture Notes in Computer Science, 2009, , 236-239.	1.0	2
118	MONITORING COOPERATIVE BUSINESS CONTRACTS IN AN INSTITUTIONAL ENVIRONMENT. , 2009, , .		0
119	Enhancing Interoperability: Ontology-Mapping in an Electronic Institution. Lecture Notes in Business Information Processing, 2009, , 47-62.	0.8	1
120	DYNAMIC MULTIMEDIA ENVIRONMENT BASED ON REALTIME USER EMOTION ASSESSMENT - Biometric User Data towards Affective Immersive Environments. , 2009, , .		2
121	Risk Tolerance and Social Awareness: Adapting Deterrence Sanctions to Agent Populations. Lecture Notes in Computer Science, 2009, , 560-571.	1.0	1
122	Electronic institutions for B2B: dynamic normative environments. Artificial Intelligence and Law, 2008, 16, 107-128.	3.0	29
123	A New Approach to Emotion Assessment Based on Biometric Data. , 2008, , .		6
124	Towards an Artificial Traffic Control System. , 2008, , .		15
125	The rationale behind the development of an airline operations control centre using Gaia-based methodology. International Journal of Agent Oriented Software Engineering, 2008, 2, 350.	0.1	16
126	Communication during learning in heterogeneous teams of learning agents. Intelligent Decision Technologies, 2008, 2, 153-166.	0.6	4

#	ARTICLE	IF	CITATIONS
127	Towards an Ontology Mapping Process for Business Process Composition. , 2008, , 169-176.		2
128	General-Purpose Emotion Assessment Testbed Based on Biometric Information. Studies in Computational Intelligence, 2008, , 533-543.	0.7	3
129	Realtime Dynamic Multimedia Storyline Based on Online Audience Biometric Information. Studies in Computational Intelligence, 2008, , 545-554.	0.7	5
130	Formal Modelling of Emotions in BDI Agents. Lecture Notes in Computer Science, 2008, , 62-81.	1.0	17
131	Solving Airline Operations Problems Using Specialized Agents in a Distributed Multi-Agent System. Lecture Notes in Business Information Processing, 2008, , 173-184.	0.8	0
132	Ontology Development in Home Automation Used in Automatic VE Formation. , 2008, , 161-168.		0
133	INSTITUTIONAL REALITY AND NORMS: SPECIFYING AND MONITORING AGENT ORGANIZATIONS. International Journal of Cooperative Information Systems, 2007, 16, 67-95.	0.6	20
134	"More like these". , 2007, , .		39
135	Using Specialized Agents in a Distributed MAS to Solve Airline Operations Problems: A Case Study. , 2007, , .		4
136	Improving brokering adaptation in dynamic heterogeneous environments. International Journal of Product Lifecycle Management, 2007, 2, 113.	0.1	0
137	A Contract Model for Electronic Institutions. , 2007, , 27-40.		12
138	AN APPROACH TO INTER-ORGANIZATIONAL WORKFLOW MANAGEMENT IN AN ELECTRONIC INSTITUTION. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2006, 39, 429-434.	0.4	3
139	Ontology-based Services to help solving the heterogeneity problem in e-commerce negotiations. Electronic Commerce Research and Applications, 2006, 5, 29-43.	2.5	48
140	Enriching a MAS Environment with Institutional Services. Lecture Notes in Computer Science, 2006, , 105-120.	1.0	4
141	Virtual Enterprise Normative Framework Within Electronic Institutions. Lecture Notes in Computer Science, 2005, , 14-32.	1.0	35
142	Combining ontologies and agents to help in solving the heterogeneity problem in e-commerce negotiations. , 2005, , .		10
143	Towards an Institutional Environment Using Norms for Contract Performance. Lecture Notes in Computer Science, 2005, , 256-265.	1.0	6
144	Ontology-Services Agent to Help in the Structural and Semantic Heterogeneity. , 2004, , 175-182.		6

#	ARTICLE	IF	CITATIONS
145	Improving Numerical Reasoning Capabilities of Inductive Logic Programming Systems. Lecture Notes in Computer Science, 2004, , 195-204.	1.0	2
146	Identifying Classes of Users to Facilitate Negotiation. , 2004, , 527-534.		0
147	Emotional advantage for adaptability and autonomy. , 2003, , .		19
148	Advice-exchange in heterogeneous groups of learning agents. , 2003, , .		5
149	A Multi-agent System for E-insurance Brokering. Lecture Notes in Computer Science, 2003, , 263-282.	1.0	4
150	Cooperative Learning Using Advice Exchange. Lecture Notes in Computer Science, 2003, , 33-48.	1.0	14
151	Ontology-Services to Facilitate Agents'™ Interoperability. Lecture Notes in Computer Science, 2003, , 170-181.	1.0	11
152	Brokering in Electronic Insurance Markets. , 2003, , 574-583.		0
153	Emotional Valence-Based Mechanisms and Agent Personality. Lecture Notes in Computer Science, 2002, , 152-162.	1.0	10
154	A Language for Specifying Complete Timetabling Problems. Lecture Notes in Computer Science, 2001, , 322-341.	1.0	16
155	Agents Advanced Features for Negotiation in Electronic Commerce and Virtual Organisations Formation Process. Lecture Notes in Computer Science, 2001, , 78-97.	1.0	39
156	Argumentation as Distributed Belief Revision: Conflict Resolution in Decentralised Co-operative Multi-agent Systems. Lecture Notes in Computer Science, 2001, , 205-218.	1.0	2
157	Agents'€² Advanced Features for Negotiation and Coordination. Lecture Notes in Computer Science, 2001, , 173-186.	1.0	6
158	Using and Evaluating Adaptive Agents for Electronic Commerce Negotiation. Lecture Notes in Computer Science, 2000, , 96-105.	1.0	13
159	Solving Conflicting Beliefs with a Distributed Belief Revision Approach. Lecture Notes in Computer Science, 2000, , 146-155.	1.0	1
160	Multi-agent systems: which research for which applications. Robotics and Autonomous Systems, 1999, 27, 91-106.	3.0	100
161	Environmental decision support. , 1997, , .		4
162	Consistency and context management in a multi-agent belief revision testbed. Lecture Notes in Computer Science, 1996, , 361-375.	1.0	4

#	ARTICLE	IF	CITATIONS
163	Intelligent Distributed Environmental Decision Support System. Lecture Notes in Computer Science, 1996, , 171-180.	1.0	0
164	A cooperative multi-agent system for an assembly robotic cell. Advanced Robotics, 1995, 10, 15-50.	1.1	1
165	Detecting the opportunities of learning from the interactions in a society of organizations. Lecture Notes in Computer Science, 1995, , 242-252.	1.0	1
166	An Intelligent Distributed System for Environmental Management. Euro Courses Computer and Information Science, 1995, , 355-370.	0.3	1
167	Cooperative multi-agent system for an assembly robotics cell. Robotics and Computer-Integrated Manufacturing, 1994, 11, 311-317.	6.1	10
168	Meeting Task Deadlines in a Community of Cooperative Intelligent Systems. , 1993, , .		0
169	Towards Intelligent Robotic Assemblies. , 1992, , 361-370.		0
170	A multi-agent environment in robotics. Robotica, 1991, 9, 431-440.	1.3	7
171	Intelligent Task Planning and Execution on Assembly Robotics. , 1991, , 99-106.		0
172	Developing expert systems builders in logic programming. New Generation Computing, 1984, 2, 187-194.	2.5	8
173	Discovery of Functional Relationships in Multi-Relational Data using Inductive Logic Programming. , 0, , .		2
174	Using Similarity Measures for an Efficient Business Information-Exchange. , 0, , .		2
175	Contributions to an Electronic Institution Supporting Virtual Enterprises' Life Cycle. , 0, , 229-246.		18
176	1ª Conferência em Metodologias de Investiga�o Cient�fica (CoMIC'06) : Actas. , 0, , .		0
177	2ª Confer�ncia em Metodologias de Investiga�o Cient�fica (CoMIC'07) : Actas. , 0, , .		1