

# Cleotilde Gonzalez

## List of Publications by Year in Descending Order

**Source:** <https://exaly.com/author-pdf/5384229/cleotilde-gonzalez-publications-by-year.pdf>

**Version:** 2024-04-23

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

114  
papers

2,922  
citations

26  
h-index

50  
g-index

125  
ext. papers

3,533  
ext. citations

2.9  
avg, IF

5.69  
L-index

#	Paper	IF	Citations
114	Patterns of choice adaptation in dynamic risky environments.. <i>Memory and Cognition</i> , <b>2022</b> , 50, 864	2.2	0
113	Designing effective masking strategies for cyberdefense through human experimentation and cognitive models. <i>Computers and Security</i> , <b>2022</b> , 117, 102671	4.9	2
112	Rock-Paper-Scissors Play: Beyond the Win-Stay/Lose-Change Strategy. <i>Games</i> , <b>2021</b> , 12, 52	0.9	1
111	Theory of Mind From Observation in Cognitive Models and Humans. <i>Topics in Cognitive Science</i> , <b>2021</b> ,	2.5	1
110	Towards a Cognitive Theory of Cyber Deception. <i>Cognitive Science</i> , <b>2021</b> , 45, e13013	2.2	5
109	How to use a multicriteria comparison procedure to improve modeling competitions: A comment on Erev et al. (2017). <i>Psychological Review</i> , <b>2021</b> , 128, 995-1005	6.3	1
108	A Social Interpolation Model of Group Problem-Solving. <i>Cognitive Science</i> , <b>2021</b> , 45, e13066	2.2	2
107	Update now or later? Effects of experience, cost, and risk preference on update decisions. <i>Translational Research in Oral Oncology</i> , <b>2020</b> , 6,	3.8	4
106	An Exploratory Study of a Masking Strategy of Cyberdeception Using CyberVAN. <i>Proceedings of the Human Factors and Ergonomics Society</i> , <b>2020</b> , 64, 446-450	0.4	4
105	Design of Dynamic and Personalized Deception: A Research Framework and New Insights <b>2020</b> ,		9
104	Adaptive Cyber Deception: Cognitively Informed Signaling for Cyber Defense <b>2020</b> ,		12
103	What Attackers Know and What They Have to Lose: Framing Effects on Cyber-attacker Decision Making. <i>Proceedings of the Human Factors and Ergonomics Society</i> , <b>2020</b> , 64, 456-460	0.4	4
102	Learning to Signal in the Goldilocks Zone: Improving Adversary Compliance in Security Games. <i>Lecture Notes in Computer Science</i> , <b>2020</b> , 725-740	0.9	6
101	Learning About the Effects of Alert Uncertainty in Attack and Defend Decisions via Cognitive Modeling. <i>Human Factors</i> , <b>2020</b> , 18720820945425	3.8	
100	Selfish algorithm and emergence of collective intelligence. <i>Journal of Complex Networks</i> , <b>2020</b> , 8,	1.7	2
99	Toward Personalized Deceptive Signaling for Cyber Defense Using Cognitive Models. <i>Topics in Cognitive Science</i> , <b>2020</b> , 12, 992-1011	2.5	8
98	The impact of variability and prechoice experience on taking safety measures: The case of security updates. <i>Journal of Behavioral Decision Making</i> , <b>2020</b> , 33, 3-14	2.4	3

97	Math matters: mathematical knowledge plays an essential role in Chinese undergraduates' stock-and-flow task performance. <i>System Dynamics Review</i> , <b>2019</b> , 35, 208-231	1.6	5
96	Training to Detect Phishing Emails: Effects of the Frequency of Experienced Phishing Emails. <i>Proceedings of the Human Factors and Ergonomics Society</i> , <b>2019</b> , 63, 453-457	0.4	8
95	A study of dynamic information display and decision-making in abstract trust games. <i>International Journal of Human Computer Studies</i> , <b>2018</b> , 113, 1-14	4.6	5
94	Maximizing Scales Do Not Reliably Predict Maximizing Behavior in Decisions from Experience. <i>Journal of Behavioral Decision Making</i> , <b>2018</b> , 31, 402-414	2.4	4
93	Creative Persuasion: A Study on Adversarial Behaviors and Strategies in Phishing Attacks. <i>Frontiers in Psychology</i> , <b>2018</b> , 9, 135	3.4	24
92	Phishing attempts among the dark triad: Patterns of attack and vulnerability. <i>Computers in Human Behavior</i> , <b>2018</b> , 87, 174-182	7.7	27
91	Human Factors in Cyber Security Defense <b>2018</b> , 85-104		2
90	Sociometrics and observational assessment of teaming and leadership in a cyber security defense competition. <i>Computers and Security</i> , <b>2018</b> , 73, 114-136	4.9	13
89	Graphical features of flow behavior and the stock and flow failure. <i>System Dynamics Review</i> , <b>2017</b> , 33, 59-70	1.6	6
88	Dynamic Decision Making: Learning Processes and New Research Directions. <i>Human Factors</i> , <b>2017</b> , 59, 713-721	3.8	26
87	Dynamics of Decision Making in Cyber Defense: Using Multi-agent Cognitive Modeling to Understand CyberWar. <i>Lecture Notes in Computer Science</i> , <b>2017</b> , 113-127	0.9	5
86	Modeling the effects of amount and timing of deception in simulated network scenarios <b>2017</b> ,		5
85	Security under Uncertainty: Adaptive Attackers Are More Challenging to Human Defenders than Random Attackers. <i>Frontiers in Psychology</i> , <b>2017</b> , 8, 982	3.4	7
84	Managing the Budget: Stock-Flow Reasoning and the CO2 Accumulation Problem. <i>Topics in Cognitive Science</i> , <b>2016</b> , 8, 138-59	2.5	16
83	Making Sense of Dynamic Systems: How Our Understanding of Stocks and Flows Depends on a Global Perspective. <i>Cognitive Science</i> , <b>2016</b> , 40, 496-512	2.2	15
82	Integrating Trends in Decision-Making Research. <i>Journal of Cognitive Engineering and Decision Making</i> , <b>2016</b> , 10, 120-122	2.5	4
81	Effects of Information Availability on Command-and-Control Decision Making: Performance, Trust, and Situation Awareness. <i>Human Factors</i> , <b>2016</b> , 58, 301-21	3.8	35
80	Categorization of Events in Security Scenarios: The Role of Context and Heuristics. <i>Proceedings of the Human Factors and Ergonomics Society</i> , <b>2016</b> , 60, 274-278	0.4	1

79	Mission Command in the Age of Network-Enabled Operations: Social Network Analysis of Information Sharing and Situation Awareness. <i>Frontiers in Psychology</i> , <b>2016</b> , 7, 937	3.4	13
78	Framing From Experience: Cognitive Processes and Predictions of Risky Choice. <i>Cognitive Science</i> , <b>2016</b> , 40, 1163-91	2.2	8
77	Looking from the hacker's perspective: Role of deceptive strategies in cyber security <b>2016</b> ,		5
76	Cyber-Security: Role of Deception in Cyber-Attack Detection. <i>Advances in Intelligent Systems and Computing</i> , <b>2016</b> , 85-96	0.4	10
75	Role of Intrusion-Detection Systems in Cyber-Attack Detection. <i>Advances in Intelligent Systems and Computing</i> , <b>2016</b> , 97-109	0.4	4
74	How analytic reasoning style and global thinking relate to understanding stocks and flows. <i>Journal of Operations Management</i> , <b>2015</b> , 39-40, 23-30	5.2	19
73	A cognitive model of dynamic cooperation with varied interdependency information. <i>Cognitive Science</i> , <b>2015</b> , 39, 457-95	2.2	25
72	Unpacking the exploration-exploitation tradeoff: A synthesis of human and animal literatures.. <i>Decision</i> , <b>2015</b> , 2, 191-215	1.9	120
71	Training for the Unknown: The Role of Feedback and Similarity in Detecting Zero-day Attacks. <i>Procedia Manufacturing</i> , <b>2015</b> , 3, 1088-1095	1.5	1
70	Mathematical knowledge is related to understanding stocks and flows: results from two nations. <i>System Dynamics Review</i> , <b>2015</b> , 31, 97-114	1.6	13
69	Allais from Experience: Choice Consistency, Rare Events, and Common Consequences in Repeated Decisions. <i>Journal of Behavioral Decision Making</i> , <b>2015</b> , 28, 369-381	2.4	19
68	Modeling trust dynamics in strategic interaction. <i>Journal of Applied Research in Memory and Cognition</i> , <b>2015</b> , 4, 197-211	2.3	14
67	Effects of cyber security knowledge on attack detection. <i>Computers in Human Behavior</i> , <b>2015</b> , 48, 51-61	7.7	122
66	How people do relational reasoning? Role of problem complexity and domain familiarity. <i>Computers in Human Behavior</i> , <b>2014</b> , 41, 319-326	7.7	
65	Developing trust: First impressions and experience. <i>Journal of Economic Psychology</i> , <b>2014</b> , 43, 16-29	2.5	27
64	Decisions from experience: how groups and individuals adapt to change. <i>Memory and Cognition</i> , <b>2014</b> , 42, 1384-97	2.2	16
63	Cognition and Technology. <i>Advances in Information Security</i> , <b>2014</b> , 93-117	0.7	20
62	Reducing the Linear Perception of Nonlinearity: Use of a Physical Representation. <i>Journal of Behavioral Decision Making</i> , <b>2013</b> , 26, 51-67	2.4	8

61	Practice makes improvement: how adults with autism out-perform others in a naturalistic visual search task. <i>Journal of Autism and Developmental Disorders</i> , <b>2013</b> , 43, 2259-68	4.6	23
60	Observed Variability and Values Matter: Toward a Better Understanding of Information Search and Decisions from Experience. <i>Journal of Behavioral Decision Making</i> , <b>2013</b> , 27, n/a-n/a	2.4	3
59	Reciprocal trust mediates deep transfer of learning between games of strategic interaction. <i>Organizational Behavior and Human Decision Processes</i> , <b>2013</b> , 120, 206-215	4	23
58	Validating instance-based learning mechanisms outside of ACT-R. <i>Journal of Computational Science</i> , <b>2013</b> , 4, 262-268	3.4	3
57	The effects of time delay in reciprocity games. <i>Journal of Economic Psychology</i> , <b>2013</b> , 34, 20-35	2.5	35
56	The boundaries of instance-based learning theory for explaining decisions from experience. <i>Progress in Brain Research</i> , <b>2013</b> , 202, 73-98	2.9	20
55	Dissociation of S-R compatibility and Simon effects with mixed tasks and mappings. <i>Journal of Experimental Psychology: Human Perception and Performance</i> , <b>2013</b> , 39, 593-609	2.6	21
54	Learning to Stand in the Other's Shoes: A Computer Video Game Experience of the Israeli-Palestinian Conflict. <i>Social Science Computer Review</i> , <b>2013</b> , 31, 236-243	3.1	16
53	Cognitive architectures combine formal and heuristic approaches. <i>Behavioral and Brain Sciences</i> , <b>2013</b> , 36, 285-6	0.9	3
52	Cyber situation awareness: modeling detection of cyber attacks with instance-based learning theory. <i>Human Factors</i> , <b>2013</b> , 55, 605-18	3.8	60
51	The Description-Experience Gap in Risky and Ambiguous Gambles. <i>Journal of Behavioral Decision Making</i> , <b>2013</b> , 27, n/a-n/a	2.4	7
50	The Impact of Target Base Rate on Training and Transfer of Learning in Airline Luggage Screening: An Examination of Three Base Rate Scenarios. <i>Applied Cognitive Psychology</i> , <b>2013</b> , 27, 263-273	2.1	
49	A Description-Experience Gap in Social Interactions: Information about Interdependence and Its Effects on Cooperation. <i>Journal of Behavioral Decision Making</i> , <b>2013</b> , 27, n/a-n/a	2.4	10
48	Enabling Eco-Friendly Choices by Relying on the Proportional-Thinking Heuristic. <i>Sustainability</i> , <b>2013</b> , 5, 357-371	3.6	1
47	Cognitive Science: An Introduction <b>2013</b> , 61-67		3
46	From Individual Decisions from Experience to Behavioral Game Theory: Lessons for Cybersecurity. <i>Advances in Information Security</i> , <b>2013</b> , 73-86	0.7	6
45	Decisions from experience reduce misconceptions about climate change. <i>Journal of Environmental Psychology</i> , <b>2012</b> , 32, 19-29	6.7	28
44	Human control of climate change. <i>Climatic Change</i> , <b>2012</b> , 111, 497-518	4.5	23

43	The role of inertia in modeling decisions from experience with instance-based learning. <i>Frontiers in Psychology</i> , <b>2012</b> , 3, 177	3.4	21
42	Understanding stocks and flows through analogy. <i>System Dynamics Review</i> , <b>2012</b> , 28, 3-27	1.6	28
41	Why Do We Want to Delay Actions on Climate Change? Effects of Probability and Timing of Climate Consequences. <i>Journal of Behavioral Decision Making</i> , <b>2012</b> , 25, 154-164	2.4	17
40	Instance-based Learning: A General Model of Repeated Binary Choice. <i>Journal of Behavioral Decision Making</i> , <b>2012</b> , 25, 143-153	2.4	52
39	Action diversity in a simulation of the Israeli-Palestinian conflict. <i>Computers in Human Behavior</i> , <b>2012</b> , 28, 233-240	7.7	4
38	Making Instance-based Learning Theory usable and understandable: The Instance-based Learning Tool. <i>Computers in Human Behavior</i> , <b>2012</b> , 28, 1227-1240	7.7	16
37	How choice ecology influences search in decisions from experience. <i>Cognition</i> , <b>2012</b> , 124, 334-42	3.5	54
36	Refuting data aggregation arguments and how the instance-based learning model stands criticism: A reply to Hills and Hertwig (2012).. <i>Psychological Review</i> , <b>2012</b> , 119, 893-898	6.3	20
35	Perspectives on the Role of Cognition in Cyber Security. <i>Proceedings of the Human Factors and Ergonomics Society</i> , <b>2012</b> , 56, 268-271	0.4	22
34	Cyber Situation Awareness through Instance-Based Learning <b>2012</b> , 125-140		2
33	Instance-based learning: integrating sampling and repeated decisions from experience. <i>Psychological Review</i> , <b>2011</b> , 118, 523-51	6.3	170
32	Cyber Situation Awareness: Modeling the Security Analyst in a Cyber-Attack Scenario through Instance-Based Learning. <i>Lecture Notes in Computer Science</i> , <b>2011</b> , 280-292	0.9	15
31	Scaling up Instance-Based Learning Theory to Account for Social Interactions. <i>Negotiation and Conflict Management Research</i> , <b>2011</b> , 4, 110-128	0.9	5
30	Effects of feedback and complexity on repeated decisions from description. <i>Organizational Behavior and Human Decision Processes</i> , <b>2011</b> , 116, 286-295	4	57
29	A generic dynamic control task for behavioral research and education. <i>Computers in Human Behavior</i> , <b>2011</b> , 27, 1904-1914	7.7	20
28	Effects of training with added difficulties on RADAR detection. <i>Applied Cognitive Psychology</i> , <b>2011</b> , 25, 395-407	2.1	9
27	Preparing for novelty with diverse training. <i>Applied Cognitive Psychology</i> , <b>2011</b> , 25, 682-691	2.1	7
26	A cognitive modeling account of simultaneous learning and fatigue effects. <i>Cognitive Systems Research</i> , <b>2011</b> , 12, 19-32	4.8	40

25	A Loser Can Be a Winner: Comparison of Two Instance-based Learning Models in a Market Entry Competition. <i>Games</i> , <b>2011</b> , 2, 136-162	0.9	14
24	Intergroup Prisoner's Dilemma with Intragroup Power Dynamics. <i>Games</i> , <b>2011</b> , 2, 21-51	0.9	9
23	Diversity during training enhances detection of novel stimuli. <i>Journal of Cognitive Psychology</i> , <b>2011</b> , 23, 342-350	0.9	16
22	Effects of domain experience in the stockflow failure. <i>System Dynamics Review</i> , <b>2010</b> , 26, 347-354	1.6	25
21	Measuring and Predicting Shared Situation Awareness in Teams. <i>Journal of Cognitive Engineering and Decision Making</i> , <b>2009</b> , 3, 280-308	2.5	44
20	Convergence and Constraints Revealed in a Qualitative Model Comparison. <i>Journal of Cognitive Engineering and Decision Making</i> , <b>2009</b> , 3, 131-155	2.5	9
19	Why don't well-educated adults understand accumulation? A challenge to researchers, educators, and citizens. <i>Organizational Behavior and Human Decision Processes</i> , <b>2009</b> , 108, 116-130	4	205
18	Effects of Automatic Detection on Dynamic Decision Making. <i>Journal of Cognitive Engineering and Decision Making</i> , <b>2008</b> , 2, 328-348	2.5	2
17	Understanding the building blocks of dynamic systems. <i>System Dynamics Review</i> , <b>2007</b> , 23, 1-17	1.6	74
16	Situation Awareness in Dynamic Decision Making: Effects of Practice and Working Memory. <i>Journal of Cognitive Engineering and Decision Making</i> , <b>2007</b> , 1, 56-74	2.5	29
15	A cognitive approach to game usability and design: mental model development in novice real-time strategy gamers. <i>Cyberpsychology, Behavior and Social Networking</i> , <b>2006</b> , 9, 361-6		10
14	The relationships between cognitive ability and dynamic decision making. <i>Intelligence</i> , <b>2005</b> , 33, 169-186		55
13	Task workload and cognitive abilities in dynamic decision making. <i>Human Factors</i> , <b>2005</b> , 47, 92-101	3.8	51
12	The framing effect and risky decisions: Examining cognitive functions with fMRI. <i>Journal of Economic Psychology</i> , <b>2005</b> , 26, 1-20	2.5	140
11	The use of microworlds to study dynamic decision making. <i>Computers in Human Behavior</i> , <b>2005</b> , 21, 273-286		132
10	Decision support for real-time, dynamic decision-making tasks. <i>Organizational Behavior and Human Decision Processes</i> , <b>2005</b> , 96, 142-154	4	89
9	Learning to make decisions in dynamic environments: effects of time constraints and cognitive abilities. <i>Human Factors</i> , <b>2004</b> , 46, 449-60	3.8	67
8	Learning in Dynamic Decision Making: The Recognition Process. <i>Computational and Mathematical Organization Theory</i> , <b>2003</b> , 9, 287-304	2.1	13

7	Instance-based learning in dynamic decision making. <i>Cognitive Science</i> , <b>2003</b> , 27, 591-635	2.2	259
6	Verbal Protocols in Real-Time Dynamic Decision-Making. <i>Proceedings of the Human Factors and Ergonomics Society</i> , <b>2003</b> , 47, 293-296	0.4	2
5	Instance-based learning in dynamic decision making <b>2003</b> , 27, 591		18
4	Animation in User Interfaces Designed for Decision Support Systems: The Effects of Image Abstraction, Transition, and Interactivity on Decision Quality*. <i>Decision Sciences</i> , <b>1997</b> , 28, 793-823	3.7	20
3	Does animation in user interfaces improve decision making? <b>1996</b> ,		35
2	Training Decisions From Experience with Decision-Making Games 167-178		6
1	An instance-based-learning simulation model to predict knowledge assets evolution involved in potential digital transformation projects. <i>Knowledge Management Research and Practice</i> , 1-22	2.1	