

Rocio Garcia-Retamero

List of Publications by Citations

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Version: 2024-04-26

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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

3,612
citations

32
h-index

57
g-index

119
ext. papers

4,318
ext. citations

2.6
avg, IF

6.02
L-index

#	Paper	IF	Citations
114	Using icon arrays to communicate medical risks: overcoming low numeracy. <i>Health Psychology</i> , 2009 , 28, 210-6	5	242
113	Graph literacy: a cross-cultural comparison. <i>Medical Decision Making</i> , 2011 , 31, 444-57	2.5	189
112	Who profits from visual aids: overcoming challenges in people's understanding of risks [corrected]. <i>Social Science and Medicine</i> , 2010 , 70, 1019-25	5.1	189
111	Communicating Health Risks With Visual Aids. <i>Current Directions in Psychological Science</i> , 2013 , 22, 392-399		152
110	Statistical numeracy for health: a cross-cultural comparison with probabilistic national samples. <i>Archives of Internal Medicine</i> , 2010 , 170, 462-8		148
109	Prejudice against Women in Male-congenial Environments: Perceptions of Gender Role Congruity in Leadership. <i>Sex Roles</i> , 2006 , 55, 51-61	3.1	140
108	Do icon arrays help reduce denominator neglect?. <i>Medical Decision Making</i> , 2010 , 30, 672-84	2.5	134
107	Communicating treatment risk reduction to people with low numeracy skills: a cross-cultural comparison. <i>American Journal of Public Health</i> , 2009 , 99, 2196-202	5.1	125
106	Designing Visual Aids That Promote Risk Literacy: A Systematic Review of Health Research and Evidence-Based Design Heuristics. <i>Human Factors</i> , 2017 , 59, 582-627	3.8	122
105	Effective communication of risks to young adults: using message framing and visual aids to increase condom use and STD screening. <i>Journal of Experimental Psychology: Applied</i> , 2011 , 17, 270-87	1.8	119
104	Visual representation of statistical information improves diagnostic inferences in doctors and their patients. <i>Social Science and Medicine</i> , 2013 , 83, 27-33	5.1	109
103	Take-the-best in expert-novice decision strategies for residential burglary. <i>Psychonomic Bulletin and Review</i> , 2009 , 16, 163-9	4.1	101
102	How to reduce the effect of framing on messages about health. <i>Journal of General Internal Medicine</i> , 2010 , 25, 1323-9	4	98
101	Identity, Power, and Threat Perception: A Cross-National Experimental Study. <i>Journal of Conflict Resolution</i> , 2007 , 51, 744-771	2.2	85
100	Using visual aids to improve communication of risks about health: a review. <i>Scientific World Journal</i> , 2012 , 2012, 562637	2.2	72
99	Individual Differences in Graph Literacy: Overcoming Denominator Neglect in Risk Comprehension. <i>Journal of Behavioral Decision Making</i> , 2012 , 25, 390-401	2.4	72
98	Doc, what would you do if you were me? On self-other discrepancies in medical decision making. <i>Journal of Experimental Psychology: Applied</i> , 2012 , 18, 38-51	1.8	62

97	Cassandra's regret: The psychology of not wanting to know. <i>Psychological Review</i> , 2017 , 124, 179-196	6.3	61
96	Health literacy, numeracy, and graphical literacy among veterans in primary care and their effect on shared decision making and trust in physicians. <i>Journal of Health Communication</i> , 2013 , 18 Suppl 1, 273-89	2.5	56
95	Feeling the Numbers: On the Interplay Between Risk, Affect, and Numeracy. <i>Journal of Behavioral Decision Making</i> , 2014 , 27, 191-199	2.4	51
94	Do low-numeracy people avoid shared decision making?. <i>Health Psychology</i> , 2011 , 30, 336-41	5	50
93	Do gender stereotypes change? The dynamic of gender stereotypes in Spain. <i>Journal of Gender Studies</i> , 2012 , 21, 169-183	1.7	47
92	Do the media provide transparent health information? A cross-cultural comparison of public information about the HPV vaccine. <i>Vaccine</i> , 2012 , 30, 3747-56	4.1	46
91	Pictures speak louder than numbers: on communicating medical risks to immigrants with limited non-native language proficiency. <i>Health Expectations</i> , 2011 , 14 Suppl 1, 46-57	3.7	40
90	Understanding the Harms and Benefits of Cancer Screening: A Model of Factors That Shape Informed Decision Making. <i>Medical Decision Making</i> , 2015 , 35, 847-58	2.5	39
89	How People with Low and High Graph Literacy Process Health Graphs: Evidence from Eye-tracking. <i>Journal of Behavioral Decision Making</i> , 2016 , 29, 271-294	2.4	38
88	Is patients' numeracy related to physical and mental health?. <i>Medical Decision Making</i> , 2015 , 35, 501-11	2.5	38
87	The Relationship Between Transformational Leadership and Emotional Intelligence from a Gendered Approach. <i>Psychological Record</i> , 2012 , 62, 97-114	1.1	37
86	When one cue is not enough: combining fast and frugal heuristics with compound cue processing. <i>Quarterly Journal of Experimental Psychology</i> , 2007 , 60, 1197-215	1.8	36
85	Skilled Decision Theory: From Intelligence to Numeracy and Expertise	476-505	36
84	Communicating consequences of risky behaviors: Life expectancy versus risk of disease. <i>Patient Education and Counseling</i> , 2011 , 82, 30-5	3.1	34
83	Using plausible group sizes to communicate information about medical risks. <i>Patient Education and Counseling</i> , 2011 , 84, 245-50	3.1	34
82	Worry, Risk Perception, and Controllability Predict Intentions Toward COVID-19 Preventive Behaviors. <i>Frontiers in Psychology</i> , 2020 , 11, 582720	3.4	32
81	When Higher Bars Are Not Larger Quantities: On Individual Differences in the Use of Spatial Information in Graph Comprehension. <i>Spatial Cognition and Computation</i> , 2012 , 12, 195-218	1.3	31
80	Visual aids improve diagnostic inferences and metacognitive judgment calibration. <i>Frontiers in Psychology</i> , 2015 , 6, 932	3.4	29

79	Improving risk literacy in surgeons. <i>Patient Education and Counseling</i> , 2016 , 99, 1156-1161	3.1	28
78	Improving risk understanding across ability levels: Encouraging active processing with dynamic icon arrays. <i>Journal of Experimental Psychology: Applied</i> , 2015 , 21, 178-94	1.8	27
77	Factors predicting surgeons' preferred and actual roles in interactions with their patients. <i>Health Psychology</i> , 2014 , 33, 920-8	5	25
76	The Influence of Skills, Message Frame, and Visual Aids on Prevention of Sexually Transmitted Diseases. <i>Journal of Behavioral Decision Making</i> , 2014 , 27, 179-189	2.4	25
75	Do people treat missing information adaptively when making inferences?. <i>Quarterly Journal of Experimental Psychology</i> , 2009 , 62, 1991-2013	1.8	25
74	On defensive decision making: how doctors make decisions for their patients. <i>Health Expectations</i> , 2014 , 17, 664-9	3.7	24
73	Using Analogies to Communicate Information about Health Risks. <i>Applied Cognitive Psychology</i> , 2013 , 27, 33-42	2.1	22
72	The power of causal beliefs and conflicting evidence on causal judgments and decision making. <i>Learning and Motivation</i> , 2009 , 40, 284-297	1.3	21
71	Measuring Graph Literacy without a Test: A Brief Subjective Assessment. <i>Medical Decision Making</i> , 2016 , 36, 854-67	2.5	21
70	Neural mechanisms underlying urgent and evaluative behaviors: An fMRI study on the interaction of automatic and controlled processes. <i>Human Brain Mapping</i> , 2015 , 36, 2853-64	5.9	20
69	The malleability of gender stereotypes: influence of population size on perceptions of men and women in the past, present, and future. <i>Journal of Social Psychology</i> , 2011 , 151, 635-56	2.3	20
68	Numeracy and Risk Literacy: What Have We Learned so Far?. <i>Spanish Journal of Psychology</i> , 2019 , 22, E10	1	19
67	The Impact of Value Similarity and Power on the Perception of Threat. <i>Political Psychology</i> , 2012 , 33, 179-193	3.6	19
66	Dinámica de estereotipos de género y poder: un estudio transcultural. <i>Revista De Psicología Social</i> , 2008 , 23, 213-219	1.2	19
65	How causal knowledge simplifies decision-making. <i>Minds and Machines</i> , 2006 , 16, 365-380	4.9	19
64	Does imitation benefit cue order learning?. <i>Experimental Psychology</i> , 2009 , 56, 307-20	1.5	19
63	Strengths and Gaps in Physicians' Risk Communication: A Scenario Study of the Influence of Numeracy on Cancer Screening Communication. <i>Medical Decision Making</i> , 2018 , 38, 355-365	2.5	17
62	The impact of nontraditionalism on the malleability of gender stereotypes in Spain and Germany. <i>International Journal of Psychology</i> , 2011 , 46, 249-58	1.9	17

61	Simple but powerful health messages for increasing condom use in young adults. <i>Journal of Sex Research</i> , 2015 , 52, 30-42	4	16
60	To screen or not to screen: What factors influence complex screening decisions?. <i>Journal of Experimental Psychology: Applied</i> , 2016 , 22, 247-60	1.8	16
59	Does causal knowledge help us be faster and more frugal in our decisions?. <i>Memory and Cognition</i> , 2007 , 35, 1399-409	2.2	16
58	Communicating global cardiovascular risk: are icon arrays better than numerical estimates in improving understanding, recall and perception of risk?. <i>Patient Education and Counseling</i> , 2013 , 93, 394-402	2.1	15
57	Adaptive Mechanisms for Treating Missing Information: A Simulation Study. <i>Psychological Record</i> , 2008 , 58, 547-568	1.1	15
56	A multidisciplinary approach to designing and evaluating Electronic Medical Record portal messages that support patient self-care. <i>Journal of Biomedical Informatics</i> , 2017 , 69, 63-74	10.2	14
55	Congruencia de rol de género y aspiraciones de las mujeres a posiciones de liderazgo. <i>Revista De Psicología Social</i> , 2009 , 24, 99-108	1.2	14
54	El sol - die Sonne. <i>Psychologische Rundschau</i> , 2007 , 58, 171-182	0.6	12
53	Compound cue processing within the fast and frugal heuristics approach in nonlinearly separable environments. <i>Learning and Motivation</i> , 2007 , 38, 16-34	1.3	12
52	The Impact of Depression on Self-Other Discrepancies in Decision Making. <i>Journal of Behavioral Decision Making</i> , 2015 , 28, 89-100	2.4	11
51	Measuring numeracy11-38		11
50	Communicating and Distorting Risks with Graphs: An Eye-Tracking Study. <i>Proceedings of the Human Factors and Ergonomics Society</i> , 2012 , 56, 1723-1727	0.4	11
49	On avoiding framing effects in experienced decision makers. <i>Quarterly Journal of Experimental Psychology</i> , 2013 , 66, 829-42	1.8	10
48	Enhancing understanding and recall of quantitative information about medical risks: a cross-cultural comparison between Germany and Spain. <i>Spanish Journal of Psychology</i> , 2011 , 14, 218-26	1	10
47	Effectiveness of a psychological intervention focused on stress management for women prior to IVF. <i>Journal of Reproductive and Infant Psychology</i> , 2020 , 38, 113-126	2.9	10
46	The moderating role of objective and subjective numeracy in attribute framing. <i>International Journal of Psychology</i> , 2016 , 51, 109-16	1.9	9
45	What Factors Moderate Self-Other Discrepancies in Decision Making? Results from a Vaccination Scenario. <i>Spanish Journal of Psychology</i> , 2016 , 19, E52	1	8
44	Numeracy of multiple sclerosis patients: A comparison of patients from the PERCEPT study to a German probabilistic sample. <i>Patient Education and Counseling</i> , 2018 , 101, 74-78	3.1	7

43	Using visual aids to help people with low numeracy make better decisions153-174		7
42	Atribuciones causales sobre éxito y fracaso y percepción del liderazgo femenino. <i>Estudios De Psicología</i> , 2008 , 29, 273-287	1.1	7
41	Cancer screening risk literacy of physicians in training: An experimental study. <i>PLoS ONE</i> , 2019 , 14, e0218821	3.8	6
40	Do People Understand their Home HIV Test Results? Risk Literacy and Information Search. <i>Proceedings of the Human Factors and Ergonomics Society</i> , 2014 , 58, 1323-1327	0.4	6
39	Estimations of parental and self intelligence as a function of parents' status: A cross-cultural study in Germany and Spain. <i>Social Science Research</i> , 2011 , 40, 1067-1077	2.1	6
38	Simple mechanisms for gathering social information. <i>New Ideas in Psychology</i> , 2010 , 28, 49-63	2.5	5
37	The Influence of Knowledge About Causal Mechanisms on Compound Processing. <i>Psychological Record</i> , 2007 , 57, 295-306	1.1	5
36	The experience-based format of probability improves probability estimates: The moderating role of individual differences in numeracy. <i>International Journal of Psychology</i> , 2020 , 55, 273-281	1.9	5
35	Biasing and debiasing health decisions with bar graphs: Costs and benefits of graph literacy. <i>Quarterly Journal of Experimental Psychology</i> , 2018 , 71, 2506-2519	1.8	5
34	Does young adults' preferred role in decision making about health, money, and career depend on their advisors' leadership skills?. <i>International Journal of Psychology</i> , 2013 , 48, 492-501	1.9	4
33	Advances in efficient health communication: promoting prevention and detection of STDs. <i>Current HIV Research</i> , 2012 , 10, 262-70	1.3	4
32	Contextualizing numeric clinical test results for gist comprehension: Implications for EHR patient portals. <i>Journal of Experimental Psychology: Applied</i> , 2019 , 25, 41-61	1.8	4
31	The role of numeracy and information load in the tourist decision-making process. <i>Psychology and Marketing</i> , 2020 , 37, 27-40	3.9	4
30	Physical comorbidities as a marker for high risk of psychological distress in cancer patients. <i>Psycho-Oncology</i> , 2021 , 30, 1160-1166	3.9	4
29	Health Professionals Prefer to Communicate Risk-Related Numerical Information Using "1-in-X" Ratios. <i>Medical Decision Making</i> , 2018 , 38, 366-376	2.5	4
28	Physical Comorbidities and Depression in Recent and Long-Term Adult Cancer Survivors: NHANES 2007-2018. <i>Cancers</i> , 2021 , 13,	6.6	4
27	Habilidades numéricas y salud: una revisión crítica. <i>Revista Latinoamericana De Psicología</i> , 2015 , 47, 111-123	1.3	3
26	Brief Messages to Promote Prevention and Detection of Sexually Transmitted Infections. <i>Current HIV Research</i> , 2015 , 13, 408-20	1.3	3

25	The risks we dread: a social circle account. <i>PLoS ONE</i> , 2012 , 7, e32837	3.7	3
24	Causal beliefs and empirical evidence. <i>Experimental Psychology</i> , 2011 , 58, 324-32	1.5	3
23	Are gender stereotypes changing over time? A cross-temporal analysis of perceptions about gender stereotypes in Spain (¿Está cambiando los estereotipos de género con el tiempo? Un análisis transtemporal de las percepciones sobre los estereotipos de género en España). <i>Revista De Psicología Social</i> , 2021 , 36, 330-354	1.2	3
22	Compound Cue Processing in Linearly and Nonlinearly Separable Environments. <i>Psychological Record</i> , 2008 , 58, 301-314	1.1	2
21	Trust in Healthcare		2
20	The Influence of Causal Knowledge in Two-Alternative Forced-Choice Tasks~!2009-07-22~!2009-12-21~!2010-07-13~!. <i>Open Psychology Journal</i> , 2010 , 3, 136-144	0.5	2
19	Living in the past: The impact of victimization memory on threat perceptions. <i>Memory Studies</i> , 2018 , 11, 405-421	0.7	2
18	Cognitive Abilities and Financial Decision Making 2020 , 71-87		1
17	Statistical Numeracy for Health 2012 , 15-28		1
16	Improving Understanding of Health-Relevant Numerical Information 2018 , 279-298		1
15	How to Measure Risk Comprehension in Educated Samples 2012 , 29-52		1
14	Guidelines for Transparent Communication in a Globalized World 2012 , 229-238		0
13	How are risk ratios reported in orthopaedic surgery journals? A descriptive study of formats used to report absolute risks. <i>BMJ Open</i> , 2018 , 8, e025047	3	0
12	Relación entre pensamiento y lenguaje: cómo el género gramatical afecta a las representaciones semánticas de los objetos. <i>Boletín De Aelfa</i> , 2010 , 10, 52-55		
11	Detección de las dificultades lingüísticas expresivas en la edad escolar. <i>Universitas Psychologica</i> , 2019 , 18, 1-12	0.5	
10	Helping People Memorize Consequences of Risky Behaviors 2012 , 119-129		
9	Appendix: Numeracy and Graph Literacy Scales 2012 , 239-264		
8	On the Effect of Individual Differences on Shared Decision Making 2012 , 215-225		

7 Reducing the Effect of Framed Messages About Health **2012**, 165-191

6 Graph Literacy for Health **2012**, 53-65

5 Introduction: Transparent Communication in a Globalized World **2012**, 1-12

4 Reducing Denominator Neglect **2012**, 145-164

3 Improving the Understanding of Treatment Risk Reduction **2012**, 131-144

2 Communicating Information About Preventive Medical Treatments and Screenings **2012**, 99-118

1 Commentary: Risky decision-making is associated with residential choice in healthy older adults.
Frontiers in Psychology, **2016**, 7, 1304

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