

Wolfgang Gaissmaier

List of Publications by Year in descending order

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Version: 2024-02-01

62
papers

6,467
citations

218677

26
h-index

161849

54
g-index

66
all docs

66
docs citations

66
times ranked

6622
citing authors

#	ARTICLE	IF	CITATIONS
1	Heuristic Decision Making. Annual Review of Psychology, 2011, 62, 451-482.	17.7	2,502
2	Helping Doctors and Patients Make Sense of Health Statistics. Psychological Science in the Public Interest: A Journal of the American Psychological Society, 2007, 8, 53-96.	10.7	959
3	Presenting quantitative information about decision outcomes: a risk communication primer for patient decision aid developers. BMC Medical Informatics and Decision Making, 2013, 13, S7.	3.0	369
4	Opportunities and challenges of Web 2.0 for vaccination decisions. Vaccine, 2012, 30, 3727-3733.	3.8	304
5	Do Physicians Understand Cancer Screening Statistics? A National Survey of Primary Care Physicians in the United States. Annals of Internal Medicine, 2012, 156, 340.	3.9	230
6	The smart potential behind probability matching. Cognition, 2008, 109, 416-422.	2.2	155
7	Sequential processing of cues in memory-based multiattribute decisions. Psychonomic Bulletin and Review, 2007, 14, 895-900.	2.8	148
8	Good judgments do not require complex cognition. Cognitive Processing, 2010, 11, 103-121.	1.4	147
9	Numbers can be worth a thousand pictures: Individual differences in understanding graphical and numerical representations of health-related information.. Health Psychology, 2012, 31, 286-296.	1.6	147
10	The Etiology of Diagnostic Errors. Academic Medicine, 2014, 89, 277-284.	1.6	139
11	The Relationship Between Response Time and Diagnostic Accuracy. Academic Medicine, 2012, 87, 785-791.	1.6	122
12	Smart strategies for doctors and doctors-in-training: heuristics in medicine. Medical Education, 2009, 43, 721-728.	2.1	93
13	The amplification of risk in experimental diffusion chains. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 5631-5636.	7.1	88
14	From recognition to decisions: Extending and testing recognition-based models for multialternative inference. Psychonomic Bulletin and Review, 2010, 17, 287-309.	2.8	81
15	Current Best Practice for Presenting Probabilities in Patient Decision Aids: Fundamental Principles. Medical Decision Making, 2021, 41, 821-833.	2.4	80
16	Risk perception in natalizumab-treated multiple sclerosis patients and their neurologists. Multiple Sclerosis Journal, 2010, 16, 1507-1512.	3.0	76
17	Diagnostic Performance by Medical Students Working Individually or in Teams. JAMA - Journal of the American Medical Association, 2015, 313, 303.	7.4	62
18	Deceiving Numbers. Medical Decision Making, 2011, 31, 386-394.	2.4	54

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19	Disrupting Diagnostic Reasoning. <i>Academic Medicine</i> , 2015, 90, 511-517.	1.6	54
20	Statistical illiteracy undermines informed shared decision making. <i>Zeitschrift Fur Evidenz, Fortbildung Und Qualitat Im Gesundheitswesen</i> , 2008, 102, 411-413.	0.9	50
21	Psychological Research and the Prostate-Cancer Screening Controversy. <i>Psychological Science</i> , 2012, 23, 547-553.	3.3	50
22	Current Challenges When Using Numbers in Patient Decision Aids: Advanced Concepts. <i>Medical Decision Making</i> , 2021, 41, 834-847.	2.4	49
23	Simple predictions fueled by capacity limitations: When are they successful?. <i>Journal of Experimental Psychology: Learning Memory and Cognition</i> , 2006, 32, 966-982.	0.9	47
24	We favor formal models of heuristics rather than lists of loose dichotomies: a reply to Evans and Over. <i>Cognitive Processing</i> , 2010, 11, 177-179.	1.4	47
25	Cardiovascular risk factor distribution and subjective risk estimation in urban women – The BEFRI Study: a randomized cross-sectional study. <i>BMC Medicine</i> , 2015, 13, 52.	5.5	42
26	9/11, Act II. <i>Psychological Science</i> , 2012, 23, 1449-1454.	3.3	36
27	The Phenomenology of the Diagnostic Process. <i>Medical Decision Making</i> , 2017, 37, 27-34.	2.4	26
28	The echo in flu-vaccination echo chambers: Selective attention trumps social influence. <i>Vaccine</i> , 2020, 38, 2070-2076.	3.8	25
29	Illusory pattern detection in habitual gamblers. <i>Evolution and Human Behavior</i> , 2014, 35, 291-297.	2.2	23
30	Decision Making: Nonrational Theories. , 2015, , 911-916.		22
31	Patients' perceptions of mortality risk for localized prostate cancer vary markedly depending on their treatment strategy. <i>International Journal of Cancer</i> , 2016, 139, 749-753.	5.1	21
32	Benefit-risk perception of natalizumab therapy in neurologists and a large cohort of multiple sclerosis patients. <i>Journal of the Neurological Sciences</i> , 2017, 376, 181-190.	0.6	20
33	A Sampling Framework for Uncertainty in Individual Environmental Decisions. <i>Topics in Cognitive Science</i> , 2016, 8, 242-258.	1.9	17
34	Is the risk of progressive multifocal leukoencephalopathy the real reason for natalizumab discontinuation in patients with multiple sclerosis?. <i>PLoS ONE</i> , 2017, 12, e0174858.	2.5	16
35	How Do Physicians Provide Statistical Information about Antidepressants to Hypothetical Patients?. <i>Medical Decision Making</i> , 2014, 34, 206-215.	2.4	15
36	Prognostic Risk Estimates of Patients with Multiple Sclerosis and Their Physicians: Comparison to an Online Analytical Risk Counseling Tool. <i>PLoS ONE</i> , 2013, 8, e59042.	2.5	13

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37	Acute Stress Reduces the Social Amplification of Risk Perception. <i>Scientific Reports</i> , 2020, 10, 7845.	3.3	13
38	Risk Communication in Health. , 2012, , 621-660.		12
39	Betting on Illusory Patterns: Probability Matching in Habitual Gamblers. <i>Journal of Gambling Studies</i> , 2016, 32, 143-156.	1.6	12
40	The Adaptive Use of Recognition in Group Decision Making. <i>Cognitive Science</i> , 2014, 38, 911-942.	1.7	7
41	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.	2.2	7
42	Framing Climate Uncertainty: Frame Choices Reveal and Influence Climate Change Beliefs. <i>Weather, Climate, and Society</i> , 2019, 11, 199-215.	1.1	7
43	“œI was seen by a radiologist, but unfortunately I can’t remember the name and I still have questions. What should I do?” Radiologists should give thoughts to improve service professionalism and patient esteem. <i>Cancer Imaging</i> , 2020, 20, 18.	2.8	7
44	Knowing Your Chances. <i>Scientific American Mind</i> , 2009, 20, 44-51.	0.0	6
45	When Does the Incremental Risk Format Aid Informed Medical Decisions? The Role of Learning, Feedback, and Number of Treatment Options. <i>Medical Decision Making</i> , 2020, 40, 212-221.	2.4	6
46	Risk-Adjusted Cancer Screening and Prevention (RiskAP): Complementing Screening for Early Disease Detection by a Learning Screening Based on Risk Factors. <i>Breast Care</i> , 2022, 17, 208-223.	1.4	6
47	Determinants of information diffusion in online communication on vaccination: The benefits of visual displays. <i>Vaccine</i> , 2021, 39, 6407-6413.	3.8	6
48	How do we raise media bias awareness effectively? Effects of visualizations to communicate bias. <i>PLoS ONE</i> , 2022, 17, e0266204.	2.5	6
49	A Cognitive-Ecological Perspective on Risk Perception and Medical Decision Making. <i>Medical Decision Making</i> , 2019, 39, 723-726.	2.4	5
50	The gap between medical and monetary choices under risk persists in decisions for others. <i>Journal of Behavioral Decision Making</i> , 2019, 32, 388-402.	1.7	5
51	Maximizing as satisficing: On pattern matching and probability maximizing in groups and individuals. <i>Cognition</i> , 2020, 205, 104382.	2.2	5
52	Influence of stress on physiological synchrony in a stressful versus non-stressful group setting. <i>Journal of Neural Transmission</i> , 2021, 128, 1335-1345.	2.8	5
53	Conformist social learning leads to self-organised prevention against adverse bias in risky decision making. <i>ELife</i> , 2022, 11, .	6.0	5
54	Ecologically structured information: The power of pictures and other effective data presentations. <i>Behavioral and Brain Sciences</i> , 2007, 30, 263-264.	0.7	3

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55	Perspectives on the 2 × 2 Matrix: Solving Semantically Distinct Problems Based on a Shared Structure of Binary Contingencies. <i>Frontiers in Psychology</i> , 2020, 11, 567817.	2.1	3
56	How Will Health Care Professionals and Patients Work Together in 2020?. , 2011, , 317-338.		3
57	Intuition und Führung. , 2016, , 19-42.		3
58	Sequential Processing of Cues in Memory-Based Multiattribute Decisions. , 2011, , 429-435.		1
59	Collective statistical illiteracy in health. , 0, , 39-58.		0
60	Clinical Decision Making. <i>Academic Medicine</i> , 2013, 88, 150-151.	1.6	0
61	Contagious Health Risk and Precautionary Social Distancing. <i>Frontiers in Psychology</i> , 2021, 12, 685134.	2.1	0
62	Social sampling shapes preferences for redistribution: Evidence from a national survey experiment. <i>Journal of Experimental Social Psychology</i> , 2022, 101, 104341.	2.2	0