

Jean-François Bonnefon

List of Publications by Year in descending order

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Version: 2024-02-01

113
papers

5,368
citations

136950

32
h-index

91884

69
g-index

118
all docs

118
docs citations

118
times ranked

3767
citing authors

#	ARTICLE	IF	CITATIONS
1	The social dilemma of autonomous vehicles. <i>Science</i> , 2016, 352, 1573-1576.	12.6	963
2	The Moral Machine experiment. <i>Nature</i> , 2018, 563, 59-64.	27.8	891
3	Machine behaviour. <i>Nature</i> , 2019, 568, 477-486.	27.8	536
4	Psychological roadblocks to the adoption of self-driving vehicles. <i>Nature Human Behaviour</i> , 2017, 1, 694-696.	12.0	202
5	When some is actually all: Scalar inferences in face-threatening contexts. <i>Cognition</i> , 2009, 112, 249-258.	2.2	151
6	Tactful or Doubtful?. <i>Psychological Science</i> , 2006, 17, 747-751.	3.3	143
7	Cooperating with machines. <i>Nature Communications</i> , 2018, 9, 233.	12.8	124
8	The modular nature of trustworthiness detection.. <i>Journal of Experimental Psychology: General</i> , 2013, 142, 143-150.	2.1	112
9	The "whys"™ and "whens"™ of individual differences in thinking biases. <i>Trends in Cognitive Sciences</i> , 2013, 17, 172-178.	7.8	102
10	Mortality salience and morality: Thinking about death makes people less utilitarian. <i>Cognition</i> , 2012, 124, 379-384.	2.2	99
11	Behavioural evidence for a transparency"efficiency tradeoff in human"machine cooperation. <i>Nature Machine Intelligence</i> , 2019, 1, 517-521.	16.0	88
12	A theory of utility conditionals: Paralogical reasoning from decision-theoretic leakage.. <i>Psychological Review</i> , 2009, 116, 888-907.	3.8	86
13	The Risk of Polite Misunderstandings. <i>Current Directions in Psychological Science</i> , 2011, 20, 321-324.	5.3	81
14	Politeness and Honesty Contribute Additively to the Interpretation of Scalar Expressions. <i>Journal of Language and Social Psychology</i> , 2013, 32, 181-190.	2.3	79
15	Efficient Kill"Save Ratios Ease Up the Cognitive Demands on Counterintuitive Moral Utilitarianism. <i>Personality and Social Psychology Bulletin</i> , 2014, 40, 923-930.	3.0	79
16	Consequential Conditionals: Invited and Suppressed Inferences From Valued Outcomes.. <i>Journal of Experimental Psychology: Learning Memory and Cognition</i> , 2004, 30, 28-37.	0.9	67
17	Qualitative Heuristics For Balancing the Pros and Cons. <i>Theory and Decision</i> , 2008, 65, 71-95.	1.0	66
18	Facework and uncertain reasoning in health communication. <i>Patient Education and Counseling</i> , 2011, 85, 169-172.	2.2	60

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19	Causal understanding is not necessary for the improvement of culturally evolving technology. <i>Nature Human Behaviour</i> , 2019, 3, 446-452.	12.0	60
20	Drivers are blamed more than their automated cars when both make mistakes. <i>Nature Human Behaviour</i> , 2020, 4, 134-143.	12.0	60
21	Face-ism and kernels of truth in facial inferences. <i>Trends in Cognitive Sciences</i> , 2015, 19, 421-422.	7.8	59
22	The Trolley, The Bull Bar, and Why Engineers Should Care About The Ethics of Autonomous Cars [point of view]. <i>Proceedings of the IEEE</i> , 2019, 107, 502-504.	21.3	58
23	Overcoming number numbness in prenatal risk communication. <i>Prenatal Diagnosis</i> , 2011, 31, 809-813.	2.3	56
24	Bad machines corrupt good morals. <i>Nature Human Behaviour</i> , 2021, 5, 679-685.	12.0	52
25	Putting Ifs to Work: Goal-Based Relevance in Conditional Directives.. <i>Journal of Experimental Psychology: General</i> , 2005, 134, 388-405.	2.1	46
26	Behavioral Experiments for Assessing the Abstract Argumentation Semantics of Reinstatement. <i>Cognitive Science</i> , 2010, 34, 1483-1502.	1.7	45
27	An Argumentation-Based Approach to Multiple Criteria Decision. <i>Lecture Notes in Computer Science</i> , 2005, , 269-280.	1.3	43
28	Adolescents gradually improve at detecting trustworthiness from the facial features of unknown adults. <i>Journal of Economic Psychology</i> , 2015, 47, 17-22.	2.2	43
29	Can We Detect Cooperators by Looking at Their Face?. <i>Current Directions in Psychological Science</i> , 2017, 26, 276-281.	5.3	40
30	The suppression of Modus Ponens as a case of pragmatic preconditional reasoning. <i>Thinking and Reasoning</i> , 2002, 8, 21-40.	3.2	39
31	Crowdsourcing moral machines. <i>Communications of the ACM</i> , 2020, 63, 48-55.	4.5	38
32	The 1-in- <i>X</i> Effect on the Subjective Assessment of Medical Probabilities. <i>Medical Decision Making</i> , 2011, 31, 721-729.	2.4	37
33	Citizens from 13 countries share similar preferences for COVID-19 vaccine allocation priorities. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	7.1	34
34	Public opinion on global rollout of COVID-19 vaccines. <i>Nature Medicine</i> , 2021, 27, 935-936.	30.7	30
35	Split-Second Trustworthiness Detection From Faces in an Economic Game. <i>Experimental Psychology</i> , 2017, 64, 231-239.	0.7	28
36	An Empirical Test of Patterns for Nonmonotonic Inference. <i>Annals of Mathematics and Artificial Intelligence</i> , 2002, 34, 107-130.	1.3	27

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37	Non-Reflective Thinkers Are Predisposed to Attribute Supernatural Causation to Uncanny Experiences. <i>Personality and Social Psychology Bulletin</i> , 2015, 41, 955-961.	3.0	26
38	Politeness and conditional reasoning: Interpersonal cues to the indirect suppression of deductive inferences.. <i>Journal of Experimental Psychology: Learning Memory and Cognition</i> , 2009, 35, 260-266.	0.9	23
39	The grim reasoner: Analytical reasoning under mortality salience. <i>Thinking and Reasoning</i> , 2014, 20, 333-351.	3.2	22
40	The Imaginary Intrasexual Competition: Advertisements Featuring Provocative Female Models Trigger Women to Engage in Indirect Aggression. <i>Journal of Business Ethics</i> , 2019, 157, 45-63.	6.0	22
41	The advertising performance of non-ideal female models as a function of viewers' body mass index: a moderated mediation analysis of two competing affective pathways. <i>International Journal of Advertising</i> , 2017, 36, 457-476.	6.7	20
42	Short article: Active involvement, not illusory control, increases risk taking in a gambling game. <i>Quarterly Journal of Experimental Psychology</i> , 2009, 62, 1063-1071.	1.1	19
43	Low second-to-fourth digit ratio predicts indiscriminate social suspicion, not improved trustworthiness detection. <i>Biology Letters</i> , 2013, 9, 20130037.	2.3	18
44	Eye movements disrupt episodic future thinking. <i>Memory</i> , 2015, 23, 796-805.	1.7	18
45	Experimental Approaches to Linguistic (Im)politeness. , 2017, , 381-401.		18
46	Analytical reasoning task reveals limits of social learning in networks. <i>Journal of the Royal Society Interface</i> , 2014, 11, 20131211.	3.4	17
47	The Pros and Cons of Identifying Critical Thinking with System 2 Processing. <i>Topoi</i> , 2018, 37, 113-119.	1.3	17
48	Let us not put the probabilistic cart before the uncertainty bull. <i>Behavioral and Brain Sciences</i> , 2009, 32, 100-101.	0.7	16
49	Machine Thinking, Fast and Slow. <i>Trends in Cognitive Sciences</i> , 2020, 24, 1019-1027.	7.8	16
50	The intensity of recent and distant life regrets: an integrated model and a large scale survey. <i>Applied Cognitive Psychology</i> , 2008, 22, 653-662.	1.6	15
51	Eye movements disrupt spatial but not visual mental imagery. <i>Cognitive Processing</i> , 2014, 15, 543-549.	1.4	15
52	How Do Individuals Solve the Doctrinal Paradox in Collective Decisions?. <i>Psychological Science</i> , 2007, 18, 753-755.	3.3	14
53	Utility conditionals as consequential arguments: A random sampling experiment. <i>Thinking and Reasoning</i> , 2012, 18, 379-393.	3.2	14
54	Reinstatement, floating conclusions, and the credulity of Mental Model reasoning. <i>Cognitive Science</i> , 2004, 28, 621-631.	1.7	13

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55	Predicting causality ascriptions from background knowledge: model and experimental validation. <i>International Journal of Approximate Reasoning</i> , 2008, 48, 752-765.	3.3	13
56	The Causal Structure of Utility Conditionals. <i>Cognitive Science</i> , 2013, 37, 193-209.	1.7	13
57	Some but not all dispreferred turn markers help to interpret scalar terms in polite contexts. <i>Thinking and Reasoning</i> , 2015, 21, 230-249.	3.2	13
58	Peoples'™ Views About the Acceptability of Executive Bonuses and Compensation Policies. <i>Journal of Business Ethics</i> , 2015, 127, 661-671.	6.0	13
59	A Mixed Rasch Model of Dual-Process Conditional Reasoning. <i>Quarterly Journal of Experimental Psychology</i> , 2008, 61, 809-824.	1.1	12
60	Anxiety-induced miscalculations, more than differential inhibition of intuition, explain the gender gap in cognitive reflection. <i>Journal of Behavioral Decision Making</i> , 2020, 33, 427-443.	1.7	12
61	The psychology of reasoning about preferences and unsequential decisions. <i>Synthese</i> , 2012, 185, 27-41.	1.1	11
62	œ1-in-X bias: œ1-in-X format causes overestimation of health-related risks.. <i>Journal of Experimental Psychology: Applied</i> , 2018, 24, 431-439.	1.2	11
63	Modus Tollens, Modus Shmollens: Contrapositive reasoning and the pragmatics of negation. <i>Thinking and Reasoning</i> , 2007, 13, 207-222.	3.2	10
64	Modeling individual differences in contrapositive reasoning with continuous latent state and trait variables. <i>Personality and Individual Differences</i> , 2007, 42, 1403-1413.	2.9	10
65	Utilitarian relevance and face management in the interpretation of ambiguous question/request statements. <i>Memory and Cognition</i> , 2008, 36, 873-881.	1.6	10
66	Utility templates for the interpretation of conditional statements. <i>Journal of Memory and Language</i> , 2013, 68, 350-361.	2.1	10
67	New ambitions for a new paradigm: Putting the psychology of reasoning at the service of humanity. <i>Thinking and Reasoning</i> , 2013, 19, 381-398.	3.2	10
68	Reply to: Life and death decisions of autonomous vehicles. <i>Nature</i> , 2020, 579, E3-E5.	27.8	10
69	Between-subject or within-subject measures of regret: Dilemma and solution. <i>Journal of Experimental Social Psychology</i> , 2005, 41, 559-566.	2.2	9
70	Is the Above-Average Effect Measurable at All? The Validity of the Self-Reported Happiness Minus Others' Perceived Happiness Construct. <i>Applied Psychological Measurement</i> , 2008, 32, 575-584.	1.0	9
71	Behavioral evidence for framing effects in the resolution of the doctrinal paradox. <i>Social Choice and Welfare</i> , 2010, 34, 631-641.	0.8	9
72	Two routes for bipolar information processing, and a blind spot in between. <i>International Journal of Intelligent Systems</i> , 2008, 23, 923-929.	5.7	8

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73	Qualitative and quantitative conditions for the transitivity of perceived causation:. Annals of Mathematics and Artificial Intelligence, 2012, 64, 311-333.	1.3	8
74	Intelligent machines as social catalysts. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 7555-7557.	7.1	8
75	Computer-mediated trust in self-interested expert recommendations. AI and Society, 2010, 25, 413-422.	4.6	7
76	Pragmatics, Mental Models and One Paradox of the Material Conditional. Mind and Language, 2011, 26, 141-155.	2.3	7
77	An overview of bipolar qualitative decision rules. CISM International Centre for Mechanical Sciences, Courses and Lectures, 2008, , 47-73.	0.6	6
78	Value similarity and overall performance: trust in responsible investment. Society and Business Review, 2017, 12, 200-215.	2.6	6
79	Defective truth tables and falsifying cards: Two measurement models yield no evidence of an underlying fleshing-out propensity. Thinking and Reasoning, 2008, 14, 231-243.	3.2	5
80	Eye Movements Reveal How Readers Infer Intentions From the Beliefs and Desires of Others. Experimental Psychology, 2015, 62, 206-213.	0.7	5
81	Do learners declining to seek help conform to rational principles?. Thinking and Reasoning, 2020, 26, 87-117.	3.2	5
82	How to do things with logical expressions. Interaction Studies, 2005, 6, 103-117.	0.6	4
83	Deduction from if-then personality signatures. Thinking and Reasoning, 2010, 16, 157-171.	3.2	4
84	People believe each other to be selfish hedonic maximizers. Psychonomic Bulletin and Review, 2014, 21, 1331-1338.	2.8	4
85	Conditional sentences create a blind spot in theory of mind during narrative comprehension. Acta Psychologica, 2015, 160, 194-201.	1.5	4
86	The Logical Handling of Threats, Rewards, Tips, and Warnings. Lecture Notes in Computer Science, 2007, , 235-246.	1.3	4
87	Reasons to act and the mental representation of consequentialist aberrations. Behavioral and Brain Sciences, 2007, 30, 453-454.	0.7	3
88	The Experimental Approach to Trust in Socially Responsible Investment Funds. Critical Studies on Corporate Responsibility, Governance and Sustainability, 2011, , 169-183.	0.0	3
89	Norms for reasoning about decisions. Behavioral and Brain Sciences, 2011, 34, 249-250.	0.7	3
90	Intrasexual Competition Shapes Men's Anti-Utilitarian Moral Decisions. Evolutionary Psychological Science, 2015, 1, 18-22.	1.3	3

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91	The Thorny Challenge of Making Moral Machines: Ethical Dilemmas with Self-Driving Cars. NIM Marketing Intelligence Review, 2019, 11, 42-47.	0.6	3
92	The polite wiggle-room effect in charity donation decisions. Journal of Behavioral Decision Making, 2019, 32, 179-193.	1.7	3
93	Getting the Point of Conditionals: An Argumentative Approach to the Psychological Interpretation of Conditional Premises. Lecture Notes in Computer Science, 2005, , 59-64.	1.3	2
94	Formal Models of Reasoning in Cognitive Psychology. Argument and Computation, 2013, 4, 1-3.	1.1	2
95	Experimental Assessment of Aggregation Principles in Argumentation-Enabled Collective Intelligence. ACM Transactions on Internet Technology, 2017, 17, 1-21.	4.4	2
96	Trustworthiness perception at zero acquaintance: Consensus, accuracy, and prejudice. Behavioral and Brain Sciences, 2017, 40, e4.	0.7	2
97	Reasoning Unbound. , 2017, , .		2
98	Computer-Mediated Trust in Self-interested Expert Recommendations. , 2013, , 53-70.		2
99	Pragmatic conditionals, conditional pragmatics, and the pragmatic component of conditional reasoning. , 2010, , 233-250.		2
100	Relation of Trust and Social Emotions: A Logical Approach. , 2009, , .		1
101	People are more likely to be insincere when they are more likely to accidentally tell the truth. Quarterly Journal of Experimental Psychology, 2013, 66, 1486-1492.	1.1	1
102	Decision Makers Use Norms, Not Cost-Benefit Analysis, When Choosing to Conceal or Reveal Unfair Rewards. PLoS ONE, 2013, 8, e73223.	2.5	1
103	Formalizing Human Uncertain Reasoning with Default Rules: A Psychological Conundrum and a Pragmatic Suggestion. Lecture Notes in Computer Science, 2001, , 628-634.	1.3	1
104	Politeness and Reasoning. , 2014, , .		1
105	Computer-Mediated Trust in Self-interested Expert Recommendations. , 2017, , 233-250.		1
106	Can mutualistic morality predict how individuals deal with benefits they did not deserve?. Behavioral and Brain Sciences, 2013, 36, 83-83.	0.7	0
107	Introducing a fund for open-access fees. Cognition, 2016, 154, iii-iv.	2.2	0
108	Is Reasoning Useful?. , 2017, , 7-43.		0

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109	What Is Special About Human Reasoning?. , 2017, , 45-75.		0
110	Reply to Claessens et al.: Maybe the Footbridge sacrifice is indeed the only one that sends a negative social signal. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 13205-13206.	7.1	0
111	Transitive Observation-Based Causation, Saliency, and the Markov Condition. Lecture Notes in Computer Science, 2008, , 78-91.	1.3	0
112	Two aspects of reasoning competence: A challenge for current accounts and a call for new conceptual tools. , 2010, , 371-386.		0
113	Chapitre 7. Le raisonnement. , 2012, , 225-249.		0