

Emmanuel M Pothos

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8100038/publications.pdf>

Version: 2024-02-01

92
papers

3,621
citations

236925

25
h-index

138484

58
g-index

93
all docs

93
docs citations

93
times ranked

2188
citing authors

#	ARTICLE	IF	CITATIONS
1	The Addiction-Stroop test: Theoretical considerations and procedural recommendations.. Psychological Bulletin, 2006, 132, 443-476.	6.1	448
2	A quantum probability explanation for violations of "rational" decision theory. Proceedings of the Royal Society B: Biological Sciences, 2009, 276, 2171-2178.	2.6	374
3	A quantum theoretical explanation for probability judgment errors.. Psychological Review, 2011, 118, 193-218.	3.8	366
4	Can quantum probability provide a new direction for cognitive modeling?. Behavioral and Brain Sciences, 2013, 36, 255-274.	0.7	303
5	Theories of artificial grammar learning.. Psychological Bulletin, 2007, 133, 227-244.	6.1	278
6	A simplicity principle in unsupervised human categorization. Cognitive Science, 2002, 26, 303-343.	1.7	146
7	The rules versus similarity distinction. Behavioral and Brain Sciences, 2005, 28, 1-14.	0.7	141
8	The Potential of Using Quantum Theory to Build Models of Cognition. Topics in Cognitive Science, 2013, 5, 672-688.	1.9	116
9	Cognitive Biases to Healthy and Unhealthy Food Words Predict Change in BMI. Obesity, 2010, 18, 2282-2287.	3.0	92
10	Cognitive-motivational predictors of excessive drinkers' success in changing. Psychopharmacology, 2007, 192, 499-510.	3.1	90
11	A quantum geometric model of similarity.. Psychological Review, 2013, 120, 679-696.	3.8	87
12	On the adequacy of current empirical evaluations of formal models of categorization.. Psychological Bulletin, 2012, 138, 102-125.	6.1	86
13	One or two dimensions in spontaneous classification: A simplicity approach. Cognition, 2008, 107, 581-602.	2.2	49
14	Investigating learning deficits associated with dyslexia. Dyslexia, 2004, 10, 61-76.	1.5	47
15	Sometimes it does hurt to ask: The constructive role of articulating impressions. Cognition, 2014, 133, 48-64.	2.2	44
16	Quantum probability in decision making from quantum information representation of neuronal states. Scientific Reports, 2018, 8, 16225.	3.3	43
17	Quantum Cognition. Annual Review of Psychology, 2022, 73, 749-778.	17.7	41
18	A Quantum Probability Perspective on Borderline Vagueness. Topics in Cognitive Science, 2013, 5, 711-736.	1.9	38

#	ARTICLE	IF	CITATIONS
19	Measuring category intuitiveness in unconstrained categorization tasks. <i>Cognition</i> , 2011, 121, 83-100.	2.2	37
20	Quantum probability updating from zero priors (by-passing Cromwell's rule). <i>Journal of Mathematical Psychology</i> , 2017, 77, 58-69.	1.8	34
21	Differential effects and temporal course of attentional and motivational training on excessive drinking.. <i>Experimental and Clinical Psychopharmacology</i> , 2015, 23, 445-454.	1.8	33
22	Quantum like modeling of decision making: Quantifying uncertainty with the aid of Heisenberg's Robertson inequality. <i>Journal of Mathematical Psychology</i> , 2018, 84, 49-56.	1.8	31
23	Unsupervised Categorization and Category Learning. <i>Quarterly Journal of Experimental Psychology Section A: Human Experimental Psychology</i> , 2005, 58, 733-752.	2.3	29
24	Cognitive bias for alcohol-related information in inferential processes. <i>Drug and Alcohol Dependence</i> , 2002, 66, 235-241.	3.2	27
25	Cognitive and behavioral correlates of BMI among male and female undergraduate students. <i>Appetite</i> , 2009, 52, 797-800.	3.7	27
26	Quantum-like model of subjective expected utility. <i>Journal of Mathematical Economics</i> , 2018, 78, 150-162.	0.8	27
27	Understanding developmental language disorder - the Helsinki longitudinal SLI study (HelSLI): a study protocol. <i>BMC Psychology</i> , 2018, 6, 24.	2.1	26
28	Predicting category intuitiveness with the rational model, the simplicity model, and the generalized context model.. <i>Journal of Experimental Psychology: Learning Memory and Cognition</i> , 2009, 35, 1062-1080.	0.9	25
29	Challenging the classical notion of time in cognition: a quantum perspective. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2014, 281, 20133056.	2.6	24
30	Zeno's paradox in decision-making. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2016, 283, 20160291.	2.6	24
31	The conjunction fallacy, confirmation, and quantum theory: Comment on Tentori, Crupi, and Russo (2013).. <i>Journal of Experimental Psychology: General</i> , 2015, 144, 236-243.	2.1	23
32	The rational status of quantum cognition.. <i>Journal of Experimental Psychology: General</i> , 2017, 146, 968-987.	2.1	23
33	Quantum-like dynamics applied to cognition: a consideration of available options. <i>Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences</i> , 2017, 375, 20160387.	3.4	22
34	Separate influences in learning: Evidence from artificial grammar learning with traumatic brain injury patients. <i>Brain Research</i> , 2009, 1275, 67-72.	2.2	19
35	A quantum probability framework for human probabilistic inference.. <i>Journal of Experimental Psychology: General</i> , 2017, 146, 1307-1341.	2.1	19
36	Comparing measures of cognitive bias relating to eating behaviour. <i>Applied Cognitive Psychology</i> , 2009, 23, 936-952.	1.6	18

#	ARTICLE	IF	CITATIONS
37	Expectations about stimulus structure in implicit learning. <i>Memory and Cognition</i> , 2005, 33, 171-181.	1.6	17
38	Violations of locality and free choice are equivalent resources in Bell experiments. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	7.1	17
39	Methodological issues attached to the alcohol Stroop paradigm: comments on a paper by Sharma, Albery & Cook (2001). <i>Addiction</i> , 2001, 96, 1261-1265.	3.3	16
40	Supervised versus Unsupervised Categorization: Two Sides of the Same Coin?. <i>Quarterly Journal of Experimental Psychology</i> , 2011, 64, 1692-1713.	1.1	16
41	Quantum probability theory as a common framework for reasoning and similarity. <i>Frontiers in Psychology</i> , 2014, 5, 322.	2.1	16
42	Structured representations in a quantum probability model of similarity. <i>Journal of Mathematical Psychology</i> , 2015, 64-65, 35-43.	1.8	15
43	Insights from quantum cognitive models for organizational decision making.. <i>Journal of Applied Research in Memory and Cognition</i> , 2015, 4, 229-238.	1.1	15
44	Information overload for (bounded) rational agents. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2021, 288, 20202957.	2.6	15
45	The cost of asking: How evaluations bias subsequent judgments.. <i>Decision</i> , 2020, 7, 259-286.	0.5	12
46	The notion of contextual locking: Previously learnt items are not accessible as such when appearing in a less common context. <i>Quarterly Journal of Experimental Psychology</i> , 2016, 69, 410-431.	1.1	11
47	The triangle inequality constraint in similarity judgments. <i>Progress in Biophysics and Molecular Biology</i> , 2017, 130, 26-32.	2.9	11
48	Top-down and bottom-up attentional biases for smoking-related stimuli: Comparing dependent and non-dependent smokers. <i>Addictive Behaviors</i> , 2021, 118, 106886.	3.0	11
49	A simplicity principle in unsupervised human categorization. <i>Cognitive Science</i> , 2002, 26, 303-343.	1.7	11
50	Multiple feature use in pigeons's category discrimination: The influence of stimulus set structure and the salience of stimulus differences.. <i>Journal of Experimental Psychology Animal Learning and Cognition</i> , 2018, 44, 114-127.	0.5	11
51	The Simplicity and Power model for inductive inference. <i>Artificial Intelligence Review</i> , 2006, 26, 211-225.	15.7	10
52	Quantum principles in psychology: The debate, the evidence, and the future. <i>Behavioral and Brain Sciences</i> , 2013, 36, 310-327.	0.7	10
53	Social Projection and a Quantum Approach for Behavior in Prisoner's Dilemma. <i>Psychological Inquiry</i> , 2012, 23, 28-34.	0.9	9
54	Progress and current challenges with the quantum similarity model. <i>Frontiers in Psychology</i> , 2015, 6, 205.	2.1	9

#	ARTICLE	IF	CITATIONS
55	Information about the logical structure of a category affects generalization. <i>British Journal of Psychology</i> , 2004, 95, 371-386.	2.3	8
56	A quantum probability account of individual differences in causal reasoning. <i>Journal of Mathematical Psychology</i> , 2018, 87, 76-97.	1.8	8
57	Substance usage intention does not affect attentional bias: implications from Ecstasy/MDMA users and alcohol drinkers. <i>Addictive Behaviors</i> , 2019, 88, 175-181.	3.0	8
58	An investigation of a quantum probability model for the constructive effect of affective evaluation. <i>Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences</i> , 2016, 374, 20150142.	3.4	7
59	Ambivalence in decision making: An eye tracking study. <i>Cognitive Psychology</i> , 2022, 134, 101464.	2.2	7
60	Characterizing linguistic structure with mutual information. <i>British Journal of Psychology</i> , 2007, 98, 291-304.	2.3	6
61	Occam and Bayes in predicting category intuitiveness. <i>Artificial Intelligence Review</i> , 2007, 28, 257-274.	15.7	6
62	State Entropy and Differentiation Phenomenon. <i>Entropy</i> , 2018, 20, 394.	2.2	6
63	Context effects in similarity judgments.. <i>Journal of Experimental Psychology: General</i> , 2022, 151, 711-717.	2.1	6
64	Towards a Quantum Probability Theory of Similarity Judgments. <i>Lecture Notes in Computer Science</i> , 2015, , 132-145.	1.3	6
65	What are the appropriate axioms of rationality for reasoning under uncertainty with resource-constrained systems?. <i>Behavioral and Brain Sciences</i> , 2020, 43, e2.	0.7	6
66	Formalizing Heuristics in Decision-Making: A Quantum Probability Perspective. <i>Frontiers in Psychology</i> , 2011, 2, 289.	2.1	5
67	In search for a standard of rationality. <i>Frontiers in Psychology</i> , 2014, 5, 49.	2.1	5
68	The fickle nature of similarity change as a result of categorization. <i>Quarterly Journal of Experimental Psychology</i> , 2014, 67, 2425-2438.	1.1	5
69	Dyslexia and Substance Use in a University Undergraduate Population. <i>Substance Use and Misuse</i> , 2016, 51, 15-22.	1.4	5
70	The self-relevance system?. <i>Cognitive Neuroscience</i> , 2016, 7, 20-21.	1.4	4
71	Is There a Conjunction Fallacy in Legal Probabilistic Decision Making?. <i>Frontiers in Psychology</i> , 2018, 9, 391.	2.1	4
72	Role of prior knowledge in implicit and explicit learning of artificial grammars. <i>Consciousness and Cognition</i> , 2014, 28, 1-16.	1.5	3

#	ARTICLE	IF	CITATIONS
73	Unitization of route knowledge. <i>Psychological Research</i> , 2017, 81, 1241-1254.	1.7	3
74	What Is Rational and Irrational in Human Decision Making. <i>Quantum Reports</i> , 2021, 3, 242-252.	1.3	3
75	Sensitivity to Context in Human Interactions. <i>Mathematics</i> , 2021, 9, 2784.	2.2	3
76	Rethinking Rationality. <i>Topics in Cognitive Science</i> , 2022, 14, 451-466.	1.9	3
77	Patterns and evolution of moral behaviour: moral dynamics in everyday life. <i>Thinking and Reasoning</i> , 2016, 22, 31-56.	3.2	2
78	Project DyAdd: Non-linguistic Theories of Dyslexia Predict Intelligence. <i>Frontiers in Human Neuroscience</i> , 2020, 14, 316.	2.0	2
79	Constructive Biases in Clinical Judgment. <i>Topics in Cognitive Science</i> , 2021, , .	1.9	2
80	How healthcare structures and communication delivery influence trust: a parallel-group randomized controlled trial. <i>Zeitschrift Fur Gesundheitswissenschaften</i> , 2021, , 1-6.	1.6	2
81	Preferring Rules to Similarity: Coherence, goals, and commitment. <i>Behavioral and Brain Sciences</i> , 2005, 28, 37-49.	0.7	1
82	Similarity chains in the transformational paradigm. <i>European Journal of Cognitive Psychology</i> , 2009, 21, 1100-1120.	1.3	1
83	A case for limited prescriptive normativism. <i>Behavioral and Brain Sciences</i> , 2011, 34, 264-265.	0.7	1
84	A Quantum Bayes Net Approach to Causal Reasoning. <i>Advanced Series on Mathematical Psychology</i> , 2016, , 449-464.	0.7	1
85	A Quantum Probability Model for the Constructive Influence of Affective Evaluation. , 2017, , 267-291.		1
86	Perspectives on Correctness in Probabilistic Inference from Psychology. <i>Spanish Journal of Psychology</i> , 2019, 22, E55.	2.1	1
87	Quantifying and Interpreting Connection Strength in Macro- and Microscopic Systems: Lessons from Bell's Approach. <i>Entropy</i> , 2022, 24, 364.	2.2	1
88	Context effects equally applicable in generalization and similarity. <i>Behavioral and Brain Sciences</i> , 2001, 24, 699-700.	0.7	0
89	Inducing a Stroop Effect. <i>Applied Cognitive Psychology</i> , 2010, 24, 1021-1033.	1.6	0
90	The automatic nature of habitual goal-state activation in substance use: implications from a dyslexic population. <i>Journal of Substance Use</i> , 2015, , 1-5.	0.7	0

#	ARTICLE	IF	CITATIONS
91	Similarity Judgments: From Classical to Complex Vector Psychological Spaces. Advanced Series on Mathematical Psychology, 2016, , 415-448.	0.7	0
92	Towards an Empirical Test of Realism in Cognition. Lecture Notes in Computer Science, 2015, , 271-282.	1.3	0