Emmanuel M Pothos

List of Publications by Year
in descending order

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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	Context effects in similarity judgments.. Journal of Experimental Psychology: General, 2022, 151, 711-717.	2.1	6
2	Quantum Cognition. Annual Review of Psychology, 2022, 73, 749-778.	17.7	41
3	Quantifying and Interpreting Connection Strength in Macro- and Microscopic Systems: Lessons from Bellâ€™s Approach. Entropy, 2022, 24, 364.	2.2	1
4	Rethinking Rationality. Topics in Cognitive Science, 2022, 14, 451-466.	1.9	3
5	Ambivalence in decision making: An eye tracking study. Cognitive Psychology, 2022, 134, 101464.	2.2	7
6	Information overload for (bounded) rational agents. Proceedings of the Royal Society B: Biological Sciences, 2021, 288, 20202957.	2.6	15
7	What Is Rational and Irrational in Human Decision Making. Quantum Reports, 2021, 3, 242-252.	1.3	3
8	Violations of locality and free choice are equivalent resources in Bell experiments. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	7.1	17
9	Constructive Biases in Clinical Judgment. Topics in Cognitive Science, 2021, , .	1.9	2
10	Top-down and bottom-up attentional biases for smoking-related stimuli: Comparing dependent and non-dependent smokers. Addictive Behaviors, 2021, 118, 106886.	3.0	11
11	How healthcare structures and communication delivery influence trust: a parallel-group randomized controlled trial. Zeitschrift Fur Gesundheitswissenschaften, 2021, , 1-6.	1.6	2
12	Sensitivity to Context in Human Interactions. Mathematics, 2021, 9, 2784.	2.2	3
13	Project DyAdd: Non-linguistic Theories of Dyslexia Predict Intelligence. Frontiers in Human Neuroscience, 2020, 14, 316.	2.0	2
14	What are the appropriate axioms of rationality for reasoning under uncertainty with resource-constrained systems?. Behavioral and Brain Sciences, 2020, 43, e2.	0.7	6
15	The cost of asking: How evaluations bias subsequent judgments.. Decision, 2020, 7, 259-286.	0.5	12
16	Perspectives on Correctness in Probabilistic Inference from Psychology. Spanish Journal of Psychology, 2019, 22, E55.	2.1	1
17	Substance usage intention does not affect attentional bias: implications from Ecstasy/MDMA users and alcohol drinkers. Addictive Behaviors, 2019, 88, 175-181.	3.0	8
18	Quantum like modeling of decision making: Quantifying uncertainty with the aid of Heisenbergâ€“Robertson inequality. Journal of Mathematical Psychology, 2018, 84, 49-56.	1.8	31

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19	Quantum-like model of subjective expected utility. Journal of Mathematical Economics, 2018, 78, 150-162.	0.8	27
20	A quantum probability account of individual differences in causal reasoning. Journal of Mathematical Psychology, 2018, 87, 76-97.	1.8	8
21	Quantum probability in decision making from quantum information representation of neuronal states. Scientific Reports, 2018, 8, 16225.	3.3	43
22	Is There a Conjunction Fallacy in Legal Probabilistic Decision Making?. Frontiers in Psychology, 2018, 9, 391.	2.1	4
23	State Entropy and Differentiation Phenomenon. Entropy, 2018, 20, 394.	2.2	6
24	Understanding developmental language disorder - the Helsinki longitudinal SLI study (HelSLI): a study protocol. BMC Psychology, 2018, 6, 24.	2.1	26
25	Multiple feature use in pigeonsâ€™ category discrimination: The influence of stimulus set structure and the salience of stimulus differences.. Journal of Experimental Psychology Animal Learning and Cognition, 2018, 44, 114-127.	0.5	11
26	Quantum probability updating from zero priors (by-passing Cromwellâ€™s rule). Journal of Mathematical Psychology, 2017, 77, 58-69.	1.8	34
27	The triangle inequality constraint in similarity judgments. Progress in Biophysics and Molecular Biology, 2017, 130, 26-32.	2.9	11
28	A Quantum Probability Model for the Constructive Influence of Affective Evaluation. , 2017, , 267-291.		1
29	Quantum-like dynamics applied to cognition: a consideration of available options. Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences, 2017, 375, 20160387.	3.4	22
30	Unitization of route knowledge. Psychological Research, 2017, 81, 1241-1254.	1.7	3
31	The rational status of quantum cognition.. Journal of Experimental Psychology: General, 2017, 146, 968-987.	2.1	23
32	A quantum probability framework for human probabilistic inference.. Journal of Experimental Psychology: General, 2017, 146, 1307-1341.	2.1	19
33	Zeno's paradox in decision-making. Proceedings of the Royal Society B: Biological Sciences, 2016, 283, 20160291.	2.6	24
34	Similarity Judgments: From Classical to Complex Vector Psychological Spaces. Advanced Series on Mathematical Psychology, 2016, , 415-448.	0.7	0
35	A Quantum Bayes Net Approach to Causal Reasoning. Advanced Series on Mathematical Psychology, 2016, , 449-464.	0.7	1
36	Dyslexia and Substance Use in a University Undergraduate Population. Substance Use and Misuse, 2016, 51, 15-22.	1.4	5

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37	Patterns and evolution of moral behaviour: moral dynamics in everyday life. Thinking and Reasoning, 2016, 22, 31-56.	3.2	2
38	An investigation of a quantum probability model for the constructive effect of affective evaluation. Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences, 2016, 374, 20150142.	3.4	7
39	The self-relevance system?. Cognitive Neuroscience, 2016, 7, 20-21.	1.4	4
40	The notion of contextual locking: Previously learnt items are not accessible as such when appearing in a less common context. Quarterly Journal of Experimental Psychology, 2016, 69, 410-431.	1.1	11
41	Differential effects and temporal course of attentional and motivational training on excessive drinking.. Experimental and Clinical Psychopharmacology, 2015, 23, 445-454.	1.8	33
42	The automatic nature of habitual goal-state activation in substance use: implications from a dyslexic population. Journal of Substance Use, 2015, , 1-5.	0.7	0
43	Progress and current challenges with the quantum similarity model. Frontiers in Psychology, 2015, 6, 205.	2.1	9
44	Structured representations in a quantum probability model of similarity. Journal of Mathematical Psychology, 2015, 64-65, 35-43.	1.8	15
45	The conjunction fallacy, confirmation, and quantum theory: Comment on Tentori, Crupi, and Russo (2013).. Journal of Experimental Psychology: General, 2015, 144, 236-243.	2.1	23
46	Insights from quantum cognitive models for organizational decision making.. Journal of Applied Research in Memory and Cognition, 2015, 4, 229-238.	1.1	15
47	Towards a Quantum Probability Theory of Similarity Judgments. Lecture Notes in Computer Science, 2015, , 132-145.	1.3	6
48	Towards an Empirical Test of Realism in Cognition. Lecture Notes in Computer Science, 2015, , 271-282.	1.3	0
49	In search for a standard of rationality. Frontiers in Psychology, 2014, 5, 49.	2.1	5
50	Quantum probability theory as a common framework for reasoning and similarity. Frontiers in Psychology, 2014, 5, 322.	2.1	16
51	The fickle nature of similarity change as a result of categorization. Quarterly Journal of Experimental Psychology, 2014, 67, 2425-2438.	1.1	5
52	Challenging the classical notion of time in cognition: a quantum perspective. Proceedings of the Royal Society B: Biological Sciences, 2014, 281, 20133056.	2.6	24
53	Role of prior knowledge in implicit and explicit learning of artificial grammars. Consciousness and Cognition, 2014, 28, 1-16.	1.5	3
54	Sometimes it does hurt to ask: The constructive role of articulating impressions. Cognition, 2014, 133, 48-64.	2.2	44

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55	A quantum geometric model of similarity.. Psychological Review, 2013, 120, 679-696.	3.8	87
56	The Potential of Using Quantum Theory to Build Models of Cognition. Topics in Cognitive Science, 2013, 5, 672-688.	1.9	116
57	Can quantum probability provide a new direction for cognitive modeling?. Behavioral and Brain Sciences, 2013, 36, 255-274.	0.7	303
58	Quantum principles in psychology: The debate, the evidence, and the future. Behavioral and Brain Sciences, 2013, 36, 310-327.	0.7	10
59	A Quantum Probability Perspective on Borderline Vagueness. Topics in Cognitive Science, 2013, 5, 711-736.	1.9	38
60	On the adequacy of current empirical evaluations of formal models of categorization.. Psychological Bulletin, 2012, 138, 102-125.	6.1	86
61	Social Projection and a Quantum Approach for Behavior in Prisoner's Dilemma. Psychological Inquiry, 2012, 23, 28-34.	0.9	9
62	A quantum theoretical explanation for probability judgment errors.. Psychological Review, 2011, 118, 193-218.	3.8	366
63	Formalizing Heuristics in Decision-Making: A Quantum Probability Perspective. Frontiers in Psychology, 2011, 2, 289.	2.1	5
64	Measuring category intuitiveness in unconstrained categorization tasks. Cognition, 2011, 121, 83-100.	2.2	37
65	A case for limited prescriptive normativism. Behavioral and Brain Sciences, 2011, 34, 264-265.	0.7	1
66	Supervised versus Unsupervised Categorization: Two Sides of the Same Coin?. Quarterly Journal of Experimental Psychology, 2011, 64, 1692-1713.	1.1	16
67	Inducing a Stroop Effect. Applied Cognitive Psychology, 2010, 24, 1021-1033.	1.6	0
68	Cognitive Biases to Healthy and Unhealthy Food Words Predict Change in BMI. Obesity, 2010, 18, 2282-2287.	3.0	92
69	A quantum probability explanation for violations of â€˜rationalâ€™ decision theory. Proceedings of the Royal Society B: Biological Sciences, 2009, 276, 2171-2178.	2.6	374
70	Similarity chains in the transformational paradigm. European Journal of Cognitive Psychology, 2009, 21, 1100-1120.	1.3	1
71	Separate influences in learning: Evidence from artificial grammar learning with traumatic brain injury patients. Brain Research, 2009, 1275, 67-72.	2.2	19
72	Comparing measures of cognitive bias relating to eating behaviour. Applied Cognitive Psychology, 2009, 23, 936-952.	1.6	18

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73	Cognitive and behavioral correlates of BMI among male and female undergraduate students. Appetite, 2009, 52, 797-800.	3.7	27
74	Predicting category intuitiveness with the rational model, the simplicity model, and the generalized context model.. Journal of Experimental Psychology: Learning Memory and Cognition, 2009, 35, 1062-1080.	0.9	25
75	One or two dimensions in spontaneous classification: A simplicity approach. Cognition, 2008, 107, 581-602.	2.2	49
76	Characterizing linguistic structure with mutual information. British Journal of Psychology, 2007, 98, 291-304.	2.3	6
77	Theories of artificial grammar learning.. Psychological Bulletin, 2007, 133, 227-244.	6.1	278
78	Cognitive-motivational predictors of excessive drinkersâ€™ success in changing. Psychopharmacology, 2007, 192, 499-510.	3.1	90
79	Occam and Bayes in predicting category intuitiveness. Artificial Intelligence Review, 2007, 28, 257-274.	15.7	6
80	The Addiction-Stroop test: Theoretical considerations and procedural recommendations.. Psychological Bulletin, 2006, 132, 443-476.	6.1	448
81	The Simplicity and Power model for inductive inference. Artificial Intelligence Review, 2006, 26, 211-225.	15.7	10
82	The rules versus similarity distinction. Behavioral and Brain Sciences, 2005, 28, 1-14.	0.7	141
83	Expectations about stimulus structure in implicit learning. Memory and Cognition, 2005, 33, 171-181.	1.6	17
84	Preferring Rules to Similarity: Coherence, goals, and commitment. Behavioral and Brain Sciences, 2005, 28, 37-49.	0.7	1
85	Unsupervised Categorization and Category Learning. Quarterly Journal of Experimental Psychology Section A: Human Experimental Psychology, 2005, 58, 733-752.	2.3	29
86	Information about the logical structure of a category affects generalization. British Journal of Psychology, 2004, 95, 371-386.	2.3	8
87	Investigating learning deficits associated with dyslexia. Dyslexia, 2004, 10, 61-76.	1.5	47
88	Cognitive bias for alcohol-related information in inferential processes. Drug and Alcohol Dependence, 2002, 66, 235-241.	3.2	27
89	A simplicity principle in unsupervised human categorization. Cognitive Science, 2002, 26, 303-343.	1.7	146
90	A simplicity principle in unsupervised human categorization. Cognitive Science, 2002, 26, 303-343.	1.7	11

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91	Context effects equally applicable in generalization and similarity. Behavioral and Brain Sciences, 2001, 24, 699-700.	0.7	0
92	Methodological issues attached to the alcohol Stroop paradigm: comments on a paper by Sharma, Albery & Cook (2001). Addiction, 2001, 96, 1261-1265.	3.3	16