

Patrick Shafto

List of Publications by Year in descending order

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Version: 2024-02-01

49
papers

2,054
citations

331670

21
h-index

289244

40
g-index

49
all docs

49
docs citations

49
times ranked

1356
citing authors

#	ARTICLE	IF	CITATIONS
1	The double-edged sword of pedagogy: Instruction limits spontaneous exploration and discovery. <i>Cognition</i> , 2011, 120, 322-330.	2.2	504
2	Children's imitation of causal action sequences is influenced by statistical and pedagogical evidence. <i>Cognition</i> , 2011, 120, 331-340.	2.2	216
3	A rational account of pedagogical reasoning: Teaching by, and learning from, examples. <i>Cognitive Psychology</i> , 2014, 71, 55-89.	2.2	154
4	Learning From Others. <i>Perspectives on Psychological Science</i> , 2012, 7, 341-351.	9.0	136
5	Development of categorization and reasoning in the natural world: Novices to experts, naive similarity to ecological knowledge.. <i>Journal of Experimental Psychology: Learning Memory and Cognition</i> , 2003, 29, 641-649.	0.9	120
6	Learning to trust and trusting to learn: a theoretical framework. <i>Trends in Cognitive Sciences</i> , 2015, 19, 109-111.	7.8	101
7	Epistemic trust: modeling children's reasoning about others' knowledge and intent. <i>Developmental Science</i> , 2012, 15, 436-447.	2.4	92
8	A probabilistic model of cross-categorization. <i>Cognition</i> , 2011, 120, 1-25.	2.2	65
9	Inductive reasoning about causally transmitted properties. <i>Cognition</i> , 2008, 109, 175-192.	2.2	60
10	Effects of time pressure on context-sensitive property induction. <i>Psychonomic Bulletin and Review</i> , 2007, 14, 890-894.	2.8	57
11	Evolution and impact of bias in human and machine learning algorithm interaction. <i>PLoS ONE</i> , 2020, 15, e0235502.	2.5	41
12	Infant-directed speech is consistent with teaching.. <i>Psychological Review</i> , 2016, 123, 758-771.	3.8	40
13	Pedagogical Questions in Parent-Child Conversations. <i>Child Development</i> , 2019, 90, 147-161.	3.0	37
14	Faster Teaching via POMDP Planning. <i>Cognitive Science</i> , 2016, 40, 1290-1332.	1.7	36
15	The Theoretical and Methodological Opportunities Afforded by Guided Play With Young Children. <i>Frontiers in Psychology</i> , 2018, 9, 1152.	2.1	33
16	Faster Teaching by POMDP Planning. <i>Lecture Notes in Computer Science</i> , 2011, , 280-287.	1.3	30
17	Questioning supports effective transmission of knowledge and increased exploratory learning in pre-kindergarten children. <i>Developmental Science</i> , 2018, 21, e12696.	2.4	29
18	An integrated account of generalization across objects and features. <i>Cognitive Psychology</i> , 2012, 64, 35-73.	2.2	26

#	ARTICLE	IF	CITATIONS
19	Mitigating belief projection in explainable artificial intelligence via Bayesian teaching. Scientific Reports, 2021, 11, 9863.	3.3	24
20	Unifying Pedagogical Reasoning and Epistemic Trust. Advances in Child Development and Behavior, 2012, 43, 295-319.	1.3	22
21	Who is susceptible to conjunction fallacies in category-based induction?. Psychonomic Bulletin and Review, 2007, 14, 884-889.	2.8	21
22	Controlling the message: preschoolers' use of information to teach and deceive others. Frontiers in Psychology, 2015, 6, 867.	2.1	21
23	Theory-Based Bayesian Models of Inductive Reasoning. , 2001, , 167-204.		19
24	Distribution of content in recently-viewed scenes whitens perception. Journal of Vision, 2017, 17, 8.	0.3	19
25	Computational models of development, social influences. Current Opinion in Behavioral Sciences, 2016, 7, 95-100.	3.9	14
26	Human-Recommender Systems. , 2016, , .		14
27	The relationship between non-symbolic multiplication and division in childhood. Quarterly Journal of Experimental Psychology, 2017, 70, 686-702.	1.1	12
28	Knowledge and Category-Based Induction.. , 0, , 69-85.		11
29	Pedagogical questions promote causal learning in preschoolers. Scientific Reports, 2020, 10, 20700.	3.3	10
30	Children Change Their Answers in Response to Neutral Follow-Up Questions by a Knowledgeable Asker. Cognitive Science, 2020, 44, e12811.	1.7	10
31	Epistemic Trust and Education: Effects of Informant Reliability on Student Learning of Decimal Concepts. Child Development, 2016, 87, 154-164.	3.0	9
32	Parameterizing developmental changes in epistemic trust. Psychonomic Bulletin and Review, 2017, 24, 277-306.	2.8	8
33	Iterated Algorithmic Bias in the Interactive Machine Learning Process of Information Filtering. , 2018, , .		8
34	Detecting polarization in ratings: An automated pipeline and a preliminary quantification on several benchmark data sets. , 2017, , .		7
35	PrCP: Pre-recommendation Counter-Polarization. , 2018, , .		7
36	Technological Workforce and Its Impact on Algorithmic Justice in Politics. Customer Needs and Solutions, 2019, 6, 84-91.	0.8	6

#	ARTICLE	IF	CITATIONS
37	A Unifying Computational Framework for Teaching and Active Learning. Topics in Cognitive Science, 2019, 11, 316-337.	1.9	6
38	Inconvenient Samples: Modeling Biases Related to Parental Consent by Coupling Observational and Experimental Results. Open Mind, 2020, 4, 13-24.	1.7	6
39	Choice from among Intentionally Selected Options. Psychology of Learning and Motivation - Advances in Research and Theory, 2015, 63, 115-139.	1.1	4
40	Spatial summation of broadband contrast. Journal of Vision, 2019, 19, 16.	0.3	4
41	Cooperative communication as belief transport. Trends in Cognitive Sciences, 2021, 25, 826-828.	7.8	4
42	Cooperative inference: Features, objects, and collections.. Psychological Review, 2016, 123, 510-533.	3.8	4
43	Abstraction, validation <scp>,</scp> and generalization for explainable artificial intelligence. Applied AI Letters, 2021, 2, e37.	2.2	3
44	The Intentional Selection Assumption. Frontiers in Psychology, 2021, 12, 569275.	2.1	2
45	Conditional Deep Gaussian Processes: Empirical Bayes Hyperdata Learning. Entropy, 2021, 23, 1387.	2.2	1
46	Conditional Deep Gaussian Processes: Multi-Fidelity Kernel Learning. Entropy, 2021, 23, 1545.	2.2	1
47	Characterizing Non-Linear Processes in Cross-Orientation Suppression (XOS) with Steady-State Visual Evoked Potentials (SSVEPs). Journal of Vision, 2018, 18, 247.	0.3	0
48	Adaptation to the Amplitude Spectrum Slope of Natural Scenes in Modified Reality. Journal of Vision, 2019, 19, 188c.	0.3	0
49	Sensitivity to the slope of the amplitude spectrum is dependent on the spectral slopes of recently viewed environments: A visual adaptation study in modified reality. Vision Research, 2022, 197, 108056.	1.4	0