Zoltan Dienes

List of Publications by Year
in descending order

159	11,622	53794 45	31849 101
papers	citations	h-index	g-index

190	190	190	10580
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	A review of applications of the Bayes factor in psychological research.. Psychological Methods, 2023, 28, 558-579.	3.5	13
2	Raising awareness about measurement error in research on unconscious mental processes. Psychonomic Bulletin and Review, 2022, 29, 21-43.	2.8	17
3	Phenomenological control as cold control.. Psychology of Consciousness: Theory Research, and Practice, 2022, 9, 101-116.	0.4	10
4	Reforms to improve reproducibility and quality must be coordinated across the research ecosystem: the view from the UKRN Local Network Leads. BMC Research Notes, 2022, 15, 58.	1.4	8
5	Expressing unconscious general knowledge using Chevreulâ€™s pendulum. American Journal of Clinical Hypnosis, 2022, , 1-10.	0.6	1
6	Strategies that reduce Stroop interference. Royal Society Open Science, 2022, 9, 202136.	2.4	1
7	Look into my eyes: Pupillometry reveals that a postâ€hypnotic suggestion for word blindness reduces Stroop interference by marshalling greater effortful control. European Journal of Neuroscience, 2021, 53, 2819-2834.	2.6	8
8	How to use and report Bayesian hypothesis tests.. Psychology of Consciousness: Theory Research, and Practice, 2021, 8, 9-26.	0.4	5
9	Correlation analysis to investigate unconscious mental processes: A critical appraisal and mini-tutorial. Cognition, 2021, 212, 104667.	2.2	15
10	Sensitivity to changes in rate of heartbeats as a measure of interoceptive ability. Journal of Neurophysiology, 2021, 126, 1799-1813.	1.8	14
11	Hypothesis awareness confounds asynchronous control conditions in indirect measures of the rubber hand illusion. Royal Society Open Science, 2021, 8, 210911.	2.4	13
12	Improving Inferences About Null Effects With Bayes Factors and Equivalence Tests. Journals of Gerontology - Series B Psychological Sciences and Social Sciences, 2020, 75, 45-57.	3.9	175
13	Distinguishing the role of conscious and unconscious knowledge in evaluative conditioning. Cognition, 2020, 205, 104460.	2.2	13
14	Why Bayesian â€œEvidence for H1â€•in One Condition and Bayesian â€œEvidence for H0â€•in Another Condition Does Not Mean Good-Enough Bayesian Evidence for a Difference Between the Conditions. Advances in Methods and Practices in Psychological Science, 2020, 3, 300-308.	9.4	4
15	Discussion points for Bayesian inference. Nature Human Behaviour, 2020, 4, 561-563.	12.0	31
16	Evaluative conditioning of artificial grammars: Evidence that subjectively-unconscious structures bias affective evaluations of novel stimuli.. Journal of Experimental Psychology: General, 2020, 149, 1800-1809.	2.1	15
17	Application of Implicit Knowledge: Deterministic or Probabilistic?. Psychologica Belgica, 2020, 37, 89.	1.9	11
18	Time perception and the experience of agency in meditation and hypnosis. PsyCh Journal, 2019, 8, 36-50.	1.1	11

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19	How Do I Know What My Theory Predicts?. Advances in Methods and Practices in Psychological Science, 2019, 2, 364-377.	9.4	71
20	Dataset of implicit sequence learning of chunking and abstract structures. Data in Brief, 2019, 22, 72-75.	1.0	1
21	Bayes to the rescue: Does the type of hypnotic induction matter?. Psychology of Consciousness: Theory Research, and Practice, 2019, 6, 359-370.	0.4	3
22	Intentional binding as Bayesian cue combination: Testing predictions with trait individual differences.. Journal of Experimental Psychology: Human Perception and Performance, 2019, 45, 1206-1217.	0.9	22
23	Prevailing theories of consciousness are challenged by novel cross-modal associations acquired between subliminal stimuli. Cognition, 2018, 175, 169-185.	2.2	32
24	Four reasons to prefer Bayesian analyses over significance testing. Psychonomic Bulletin and Review, 2018, 25, 207-218.	2.8	240
25	Attention or instruction: Do sustained attentional abilities really differ between high and low hypnotisable persons?. Psychological Research, 2018, 82, 700-707.	1.7	1
26	Redefine statistical significance. Nature Human Behaviour, 2018, 2, 6-10.	12.0	1,763
27	Using Bayes factors to evaluate evidence for no effect: examples from the SIPS project. Addiction, 2018, 113, 240-246.	3.3	39
28	Cross-cultural differences in implicit learning of chunks versus symmetries. Royal Society Open Science, 2018, 5, 180469.	2.4	8
29	Implicit sequence learning of chunking and abstract structures. Consciousness and Cognition, 2018, 62, 42-56.	1.5	14
30	Tonal Symmetry Induces Fluency and Sense of Well-Formedness. Frontiers in Psychology, 2018, 9, 165.	2.1	2
31	The Power of Suggestion: Posthypnotically Induced Changes in the Temporal Binding of Intentional Action Outcomes. Psychological Science, 2017, 28, 661-669.	3.3	21
32	Donâ€™t make me angry, you wouldnâ€™t like me when Iâ€™m angry: Volitional choices to act or inhibit are modulated by subliminal perception of emotional faces. Cognitive, Affective and Behavioral Neuroscience, 2017, 17, 252-268.	2.0	21
33	Neural Correlates of Subjective Awareness for Natural Scene Categorization of Color Photographs and Line-Drawings. Frontiers in Psychology, 2017, 08, 210.	2.1	8
34	Commentary: Oxytocin-gaze positive loop and the coevolution of humanâ€“dog bonds. Frontiers in Neuroscience, 2016, 10, 155.	2.8	25
35	Fluency Expresses Implicit Knowledge of Tonal Symmetry. Frontiers in Psychology, 2016, 7, 57.	2.1	10
36	Perceiving Time Differences When You Should Not: Applying the El Greco Fallacy to Hypnotic Time Distortions. Frontiers in Psychology, 2016, 7, 1309.	2.1	7

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37	The relationship between strategic control and conscious structural knowledge in artificial grammar learning. Consciousness and Cognition, 2016, 42, 229-236.	1.5	8
38	Using Bayes factors for testing hypotheses about intervention effectiveness in addictions research. Addiction, 2016, 111, 2230-2247.	3.3	111
39	Illusory Temporal Binding in Meditators. Mindfulness, 2016, 7, 1416-1422.	2.8	7
40	The role of edge-based and surface-based information in natural scene categorization: Evidence from behavior and event-related potentials. Consciousness and Cognition, 2016, 43, 152-166.	1.5	11
41	Metacognition of intentions in mindfulness and hypnosis. Neuroscience of Consciousness, 2016, 2016, niw007.	2.6	26
42	How Bayes factors change scientific practice. Journal of Mathematical Psychology, 2016, 72, 78-89.	1.8	279
43	The Sense of Agency as Tracking Control. PLoS ONE, 2016, 11, e0163892.	2.5	22
44	Facial beauty affects implicit and explicit learning of men and women differently. Frontiers in Psychology, 2015, 6, 1124.	2.1	7
45	Commentary: Unlearning implicit social biases during sleep. Frontiers in Psychology, 2015, 6, 1428.	2.1	3
46	How Bayesian statistics are needed to determine whether mental states are unconscious. , 2015, , 199-220.		54
47	The neural basis of implicit learning of task-irrelevant Chinese tonal sequence. Experimental Brain Research, 2015, 233, 1125-1136.	1.5	6
48	Incidental self-processing modulates the interaction of emotional valence and arousal. Experimental Brain Research, 2015, 233, 229-235.	1.5	2
49	Registered Reports: Realigning incentives in scientific publishing. Cortex, 2015, 66, A1-A2.	2.4	115
50	Whether others were treated equally affects neural responses to unfairness in the Ultimatum Game. Social Cognitive and Affective Neuroscience, 2015, 10, 461-466.	3.0	22
51	Can grapheme-color synesthesia be induced by hypnosis?. Frontiers in Human Neuroscience, 2014, 8, 220.	2.0	8
52	Using Bayes to get the most out of non-significant results. Frontiers in Psychology, 2014, 5, 781.	2.1	1,413
53	Are task irrelevant faces unintentionally processed? Implicit learning as a test case.. Journal of Experimental Psychology: Human Perception and Performance, 2014, 40, 1741-1747.	0.9	11
54	Oxytocin impedes the effect of the word blindness post-hypnotic suggestion on Stroop task performance. Social Cognitive and Affective Neuroscience, 2014, 9, 895-899.	3.0	13

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55	Blind Insight: Metacognitive Discrimination Despite Chance Task Performance. Psychological Science, 2014, 25, 2199-2208.	3.3	47
56	Effect of mindfulness meditation on brainâ€“computer interface performance. Consciousness and Cognition, 2014, 23, 12-21.	1.5	73
57	Role of prior knowledge in implicit and explicit learning of artificial grammars. Consciousness and Cognition, 2014, 28, 1-16.	1.5	3
58	Unconscious sources of familiarity can be strategically excluded in support of conscious task demands.. Psychology of Consciousness: Theory Research, and Practice, 2014, 1, 229-242.	0.4	1
59	Alcohol increases hypnotic susceptibility. Consciousness and Cognition, 2013, 22, 1082-1091.	1.5	19
60	Learning without consciously knowing: Evidence from event-related potentials in sequence learning. Consciousness and Cognition, 2013, 22, 22-34.	1.5	28
61	Implicit learning of mappings between forms and metaphorical meanings. Consciousness and Cognition, 2013, 22, 174-183.	1.5	17
62	Subliminal understanding of negation: Unconscious control by subliminal processing of word pairs. Consciousness and Cognition, 2013, 22, 1022-1040.	1.5	41
63	Hypnotic suggestibility predicts the magnitude of the imaginative word blindness suggestion effect in a non-hypnotic context. Consciousness and Cognition, 2013, 22, 868-874.	1.5	19
64	The nature of the memory buffer in implicit learning: Learning Chinese tonal symmetries. Consciousness and Cognition, 2013, 22, 920-930.	1.5	19
65	Increased neural responses to unfairness in a loss context. NeuroImage, 2013, 77, 246-253.	4.2	70
66	Understanding hypnosis metacognitively: rTMS applied to left DLPFC increases hypnotic suggestibility. Cortex, 2013, 49, 386-392.	2.4	75
67	The speed of metacognition: Taking time to get to know oneâ€™s structural knowledge. Consciousness and Cognition, 2013, 22, 123-136.	1.5	21
68	Unconsciously learning task-irrelevant perceptual sequences. Consciousness and Cognition, 2013, 22, 203-211.	1.5	16
69	How to Assess Metacognition in Infants and Animals?. Infant and Child Development, 2013, 22, 102-104.	1.5	1
70	Exposure to violence reduces empathetic responses to otherâ€™s pain. Brain and Cognition, 2013, 82, 187-191.	1.8	34
71	Explicit feedback maintains implicit knowledge. Consciousness and Cognition, 2013, 22, 822-832.	1.5	9
72	Measures of metacognition on signal-detection theoretic models.. Psychological Methods, 2013, 18, 535-552.	3.5	120

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73	Negative Affect Reduces Performance in Implicit Sequence Learning. PLoS ONE, 2013, 8, e54693.	2.5	25
74	Who Learns More? Cultural Differences in Implicit Sequence Learning. PLoS ONE, 2013, 8, e71625.	2.5	7
75	Application of the ex-Gaussian function to the effect of the word blindness suggestion on Stroop task performance suggests no word blindness. Frontiers in Psychology, 2013, 4, 647.	2.1	16
76	Bidirectional Transfer between Metaphorical Related Domains in Implicit Learning of Form-Meaning Connections. PLoS ONE, 2013, 8, e68100.	2.5	8
77	Temporal constraints of the word blindness posthypnotic suggestion on Stroop task performance.. Journal of Experimental Psychology: Human Perception and Performance, 2012, 38, 833-837.	0.9	23
78	Empathic neural responses to othersâ€™ pain depend on monetary reward. Social Cognitive and Affective Neuroscience, 2012, 7, 535-541.	3.0	41
79	No-loss gambling shows the speed of the unconscious. Consciousness and Cognition, 2012, 21, 228-237.	1.5	14
80	The time course of implicit and explicit concept learning. Consciousness and Cognition, 2012, 21, 204-216.	1.5	16
81	Unconscious structural knowledge of tonal symmetry: Tang poetry redefines limits of implicit learning. Consciousness and Cognition, 2012, 21, 476-486.	1.5	33
82	Conscious and unconscious thought in artificial grammar learning. Consciousness and Cognition, 2012, 21, 865-874.	1.5	25
83	Rapidly Measuring the Speed of Unconscious Learning: Amnesics Learn Quickly and Happy People Slowly. PLoS ONE, 2012, 7, e33400.	2.5	15
84	Cross cultural differences in unconscious knowledge. Cognition, 2012, 124, 16-24.	2.2	24
85	Is hypnotic responding the strategic relinquishment of metacognition?. , 2012, , 267-278.		14
86	Implicit Learning of Recursive Context-Free Grammars. PLoS ONE, 2012, 7, e45885.	2.5	33
87	Bayesian Versus Orthodox Statistics: Which Side Are You On?. Perspectives on Psychological Science, 2011, 6, 274-290.	9.0	748
88	Detecting conscious awareness from involuntary autonomic responses. Consciousness and Cognition, 2011, 20, 936-942.	1.5	8
89	Unconscious structural knowledge of formâ€“meaning connections. Consciousness and Cognition, 2011, 20, 1751-1760.	1.5	40
90	Strategic control in AGL is not attributable to simple letter frequencies alone. Consciousness and Cognition, 2011, 20, 1933-1934.	1.5	0

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91	Conscious versus unconscious learning of structure. , 2011, , 337-364.		14
92	Acquisition of conscious and unconscious knowledge of semantic prosody. Consciousness and Cognition, 2011, 20, 417-425.	1.5	26
93	Communicating structure, affect, and movement. , 2011, , 156-168.		4
94	Graded contribution of hippocampus to multifeature binding across temporal delay. NeuroReport, 2010, 21, 902-906.	1.2	5
95	Implicit knowledge and motor skill: What people who know how to catch donâ€™t know. Consciousness and Cognition, 2010, 19, 63-76.	1.5	51
96	Subjective measures of implicit knowledge that go beyond confidence: Reply to Overgaard et al.. Consciousness and Cognition, 2010, 19, 685-686.	1.5	12
97	Gambling on the unconscious: A comparison of wagering and confidence ratings as measures of awareness in an artificial grammar task. Consciousness and Cognition, 2010, 19, 674-681.	1.5	138
98	Can unconscious knowledge allow control in sequence learning?. Consciousness and Cognition, 2010, 19, 462-474.	1.5	53
99	Knowledge applied to new domains: The unconscious succeeds where the conscious fails. Consciousness and Cognition, 2010, 19, 391-398.	1.5	56
100	The distinction between intuition and guessing in the SRT task generation: A reply to Norman and Price. Consciousness and Cognition, 2010, 19, 478-480.	1.5	14
101	Prior familiarity with components enhances unconscious learning of relations. Consciousness and Cognition, 2010, 19, 413-418.	1.5	21
102	Measuring any conscious content versus measuring the relevant conscious content: Comment on Sandberg et al.. Consciousness and Cognition, 2010, 19, 1079-1080.	1.5	37
103	Grapheme-colour synaesthesia improves detection of embedded shapes, but without pre-attentive â€˜pop-outâ€™ of synaesthetic colour. Proceedings of the Royal Society B: Biological Sciences, 2010, 277, 1021-1026.	2.6	57
104	Fluency does not express implicit knowledge of artificial grammars. Cognition, 2010, 114, 372-388.	2.2	26
105	The Metacognitive Role of Familiarity in Artificial Grammar Learning: Transitions from Unconscious to Conscious Knowledge. , 2010, , 37-61.		9
106	Hypnotic suggestibility, cognitive inhibition, and dissociation. Consciousness and Cognition, 2009, 18, 837-847.	1.5	64
107	Developmental aspects of consciousness: How much theory of mind do you need to be consciously aware?*. , 2009, , 53-72.		0
108	Intentional control based on familiarity in artificial grammar learning. Consciousness and Cognition, 2008, 17, 1209-1218.	1.5	42

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109	Slipping into trance. Contemporary Hypnosis, 2008, 25, 202-209.	0.7	14
110	Implicit sequence learning and conscious awareness. Consciousness and Cognition, 2008, 17, 185-202.	1.5	76
111	Role of selective attention in artificial grammar learning. Psychonomic Bulletin and Review, 2008, 15, 1154-1159.	2.8	32
112	Learning non-local dependencies. Cognition, 2008, 106, 184-206.	2.2	23
113	Measuring consciousness: relating behavioural and neurophysiological approaches. Trends in Cognitive Sciences, 2008, 12, 314-321.	7.8	303
114	How does Prior Knowledge Affect Implicit and Explicit Concept Learning?. Quarterly Journal of Experimental Psychology, 2008, 61, 601-624.	1.1	37
115	The conscious, the unconscious, and familiarity.. Journal of Experimental Psychology: Learning Memory and Cognition, 2008, 34, 1264-1288.	0.9	88
116	How hypnosis happens: new cognitive theories of hypnotic responding. , 2008, , .		11
117	Subjective measures of unconscious knowledge. Progress in Brain Research, 2007, 168, 49-269.	1.4	128
118	Differences in the types of musical regularity learnt in incidental- and intentional-learning conditions. Quarterly Journal of Experimental Psychology, 2006, 59, 1725-1744.	1.1	22
119	Subjective measures of unconscious knowledge of concepts. Mind and Society, 2006, 5, 105-122.	1.3	26
120	The generalized optic acceleration cancellation theory of catching.. Journal of Experimental Psychology: Human Perception and Performance, 2006, 32, 139-148.	0.9	53
121	Measuring unconscious knowledge: distinguishing structural knowledge and judgment knowledge. Psychological Research, 2005, 69, 338-351.	1.7	275
122	Implicit Learning of Nonlocal Musical Rules: Implicitly Learning More Than Chunks.. Journal of Experimental Psychology: Learning Memory and Cognition, 2005, 31, 1417-1432.	0.9	76
123	Can musical transformations be implicitly learned?. Cognitive Science, 2004, 28, 531-558.	1.7	76
124	Can musical transformations be implicitly learned?. Cognitive Science, 2004, 28, 531-558.	1.7	4
125	8. Assumptions of a subjective measure of consciousness. Advances in Consciousness Research, 2004, , 173-199.	0.2	12
126	Developmental aspects of consciousness: How much theory of mind do you need to be consciously aware?. Consciousness and Cognition, 2003, 12, 63-82.	1.5	54

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127	How fielders arrive in time to catch the ball. Nature, 2003, 426, 244-245.	27.8	48
128	Two ways of learning associations. Cognitive Science, 2003, 27, 807-842.	1.7	40
129	Measuring Learning using an Untrained Control Group: Comment on R. Reber and Perruchet. Quarterly Journal of Experimental Psychology Section A: Human Experimental Psychology, 2003, 56, 117-123.	2.3	25
130	Two ways of learning associations. Cognitive Science, 2003, 27, 807-842.	1.7	13
131	Unifying consciousness with explicit knowledge. , 2003, , 214-232.		13
132	The optic trajectory is not a lot of use if you want to catch the ball.. Journal of Experimental Psychology: Human Perception and Performance, 2002, 28, 1499-1501.	0.9	31
133	What sort of representation is conscious?. Behavioral and Brain Sciences, 2002, 25, 336-337.	0.7	7
134	Implicit Versus Explicit Representation and Intra- Versus Inter-Modular Processing. Computational Intelligence, 2002, 18, 55-58.	3.2	3
135	Computational Models of Implicit Learning. , 2001, , 396-421.		47
136	Toward a unified fielder theory: What we do not yet know about how people run to catch a ball.. Journal of Experimental Psychology: Human Perception and Performance, 2001, 27, 1347-1355.	0.9	58
137	A theory of implicit and explicit knowledge. Behavioral and Brain Sciences, 1999, 22, 735-808.	0.7	637
138	Higher order thinking. Behavioral and Brain Sciences, 1999, 22, 164-165.	0.7	0
139	Deconstructing RTK: How to explicate a theory of implicit knowledge. Behavioral and Brain Sciences, 1999, 22, 790-801.	0.7	5
140	Mapping across Domains Without Feedback: A Neural Network Model of Transfer of Implicit Knowledge. Cognitive Science, 1999, 23, 53-82.	1.7	67
141	The Role of Implicit Memory in Controlling a Dynamic System. Quarterly Journal of Experimental Psychology Section A: Human Experimental Psychology, 1998, 51, 593-614.	2.3	39
142	Implicit learning: Below the subjective threshold. Psychonomic Bulletin and Review, 1997, 4, 3-23.	2.8	258
143	Implicit synthesis. Psychonomic Bulletin and Review, 1997, 4, 68-72.	2.8	12
144	Transfer of implicit knowledge across domains: How implicit and how abstract?. , 1997, , 107-123.		65

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145	Do fielders know where to go to catch the ball or only how to get there?. Journal of Experimental Psychology: Human Perception and Performance, 1996, 22, 531-543.	0.9	267
146	Role of specific instances in controlling a dynamic system.. Journal of Experimental Psychology: Learning Memory and Cognition, 1995, 21, 848-862.	0.9	84
147	Modality independence of implicitly learned grammatical knowledge.. Journal of Experimental Psychology: Learning Memory and Cognition, 1995, 21, 899-912.	0.9	187
148	Unconscious knowledge of artificial grammars is applied strategically.. Journal of Experimental Psychology: Learning Memory and Cognition, 1995, 21, 1322-1338.	0.9	248
149	Mapping across domains without feedback: A neural network model of transfer of implicit knowledge. Workshops in Computing, 1995, , 19-33.	0.4	2
150	Dissociable definitions of consciousness. Behavioral and Brain Sciences, 1994, 17, 403-404.	0.7	7
151	Running to catch the ball. Nature, 1993, 362, 23-23.	27.8	82
152	How to Catch a Cricket Ball. Perception, 1993, 22, 1427-1439.	1.2	70
153	Are direction and speed coded independently by the visual system? Evidence from visual search. Spatial Vision, 1992, 6, 133-147.	1.4	18
154	Connectionist and Memory-Array Models of Artificial Grammar Learning. Cognitive Science, 1992, 16, 41-79.	1.7	126
155	Levels of processing for visual stimuli in an â€œextinguishedâ€•field. Neuropsychologia, 1992, 30, 403-415.	1.6	103
156	Motion coherence and conjunction search: Implications for guided search theory. Perception & Psychophysics, 1992, 51, 79-85.	2.3	96
157	Implicit and explicit knowledge bases in artificial grammar learning.. Journal of Experimental Psychology: Learning Memory and Cognition, 1991, 17, 875-887.	0.9	294
158	The relationship between implicit memory and implicit learning. British Journal of Psychology, 1991, 82, 359-373.	2.3	76
159	Filtering by movement in visual search.. Journal of Experimental Psychology: Human Perception and Performance, 1991, 17, 55-64.	0.9	136