Edgar Erdfelder

List of Publications by Year in Descending Order

90 papers	41,860 citations	28 h-index	98 g-index
98 ext. papers	52,509 ext. citations	3 avg, IF	7.59 L-index

#	Paper	IF	Citations
90	On the efficiency of the independent segments procedure: A direct comparison with sequential probability ratio tests. *Psychological Methods*, **2021**, 26, 501-506	7.1	1
89	Realistic context doesn't amplify the survival processing effect: Lessons learned from Covid-19 scenarios.. *Acta Psychologica*, **2021**, 222, 103459	1.7	
88	How can I use it? The role of functional fixedness in the survival-processing paradigm. *Psychonomic Bulletin and Review*, **2021**, 28, 324-332	4.1	2
87	The sleep benefit in episodic memory: An integrative review and a meta-analysis.. *Psychological Bulletin*, **2021**, 147, 1309-1353	19.1	0
86	Power Analysis **2021**, 1-7		
85	Adaptive Memory: Independent Effects of Survival Processing and Reward Motivation on Memory. *Frontiers in Human Neuroscience*, **2020**, 14, 588100	3.3	1
84	Survival processing modulates the neurocognitive mechanisms of episodic encoding. *Cognitive, Affective and Behavioral Neuroscience*, **2020**, 20, 717-729	3.5	4
83	Benefits of response time-extended multinomial processing tree models: A reply to Starns (2018). *Psychonomic Bulletin and Review*, **2020**, 27, 571-580	4.1	1
82	Sequential hypothesis tests for multinomial processing tree models. *Journal of Mathematical Psychology*, **2020**, 95, 102326	1.2	1
81	Controlling decision errors with minimal costs: The sequential probability ratio t test. *Psychological Methods*, **2020**, 25, 206-226	7.1	3
80	On the role of retrieval processes in the survival processing effect: Evidence from ROC and ERP analyses. *Neurobiology of Learning and Memory*, **2019**, 166, 107083	3.1	6
79	More evidence against the Spinozan model: Cognitive load diminishes memory for "true" feedback. *Memory and Cognition*, **2019**, 47, 1386-1400	2.2	4
78	Testing Interactions in Multinomial Processing Tree Models. *Frontiers in Psychology*, **2019**, 10, 2364	3.4	4
77	Bald and Bad?. *Experimental Psychology*, **2019**, 66, 331-345	1.5	6
76	Detecting Evidential Value and p-Hacking With the p-Curve Tool. *Zeitschrift Fur Psychologie / Journal of Psychology*, **2019**, 227, 249-260	1.8	6
75	Do Smarter People Employ Better Decision Strategies? The Influence of Intelligence on Adaptive Use of the Recognition Heuristic. *Journal of Behavioral Decision Making*, **2018**, 31, 3-11	2.4	9
74	Positionspapier zur Rolle der Psychologischen Methodenlehre in Forschung und Lehre. *Psychologische Rundschau*, **2018**, 69, 325-331	0.6	3

73	Zur Methodologie von Replikationsstudien. *Psychologische Rundschau*, **2018**, 69, 3-21	0.6	15
72	Effect Size Estimation From t-Statistics in the Presence of Publication Bias. *Zeitschrift Fur Psychologie / Journal of Psychology*, **2018**, 226, 56-80	1.8	10
71	Hotspots in Psychology 2018 Edition. *Zeitschrift Fur Psychologie / Journal of Psychology*, **2018**, 226, 1-2	1.8	4
70	Generalized Processing Tree Models: Jointly Modeling Discrete and Continuous Variables. *Psychometrika*, **2018**, 83, 893-918	2.2	10
69	Use of the recognition heuristic depends on the domain's recognition validity, not on the recognition validity of selected sets of objects. *Memory and Cognition*, **2017**, 45, 776-791	2.2	7
68	Linking process and measurement models of recognition-based decisions. *Psychological Review*, **2017**, 124, 442-471	6.3	25
67	The memory state heuristic: A formal model based on repeated recognition judgments. *Journal of Experimental Psychology: Learning Memory and Cognition*, **2017**, 43, 205-225	2.2	2
66	A New Strategy for Testing Structural Equation Models. *Structural Equation Modeling*, **2016**, 23, 54-60	3.7	75
65	Inhibitory control underlies individual differences in older adults' hindsight bias. *Psychology and Aging*, **2016**, 31, 224-38	3.6	5
64	Extending multinomial processing tree models to measure the relative speed of cognitive processes. *Psychonomic Bulletin and Review*, **2016**, 23, 1440-1465	4.1	36
63	Individual differences in use of the recognition heuristic are stable across time, choice objects, domains, and presentation formats. *Memory and Cognition*, **2016**, 44, 454-68	2.2	15
62	The limited use of the fluency heuristic: Converging evidence across different procedures. *Memory and Cognition*, **2016**, 44, 1114-26	2.2	2
61	The ignored alternative: An application of Luce's low-threshold model to recognition memory. *Journal of Mathematical Psychology*, **2016**, 75, 86-95	1.2	11
60	What kind of processing is survival processing? : Effects of different types of dual-task load on the survival processing effect. *Memory and Cognition*, **2016**, 44, 1228-1243	2.2	13
59	The relatedness effect on judgments of learning: A closer look at the contribution of processing fluency. *Memory and Cognition*, **2015**, 43, 647-58	2.2	57
58	Explaining individual differences in cognitive processes underlying hindsight bias. *Psychonomic Bulletin and Review*, **2015**, 22, 328-48	4.1	19
57	Whatever the cost? Information integration in memory-based inferences depends on cognitive effort. *Memory and Cognition*, **2015**, 43, 659-71	2.2	11
56	The advantages of model fitting compared to model simulation in research on preference construction. *Frontiers in Psychology*, **2015**, 6, 140	3.4	3

55	The impact of subjective recognition experiences on recognition heuristic use: a multinomial processing tree approach. *Psychonomic Bulletin and Review*, **2014**, 21, 1131-8	4.1	12
54	Initial judgment task and delay of the final validity-rating task moderate the truth effect. *Consciousness and Cognition*, **2014**, 23, 74-84	2.6	16
53	Model selection by minimum description length: Lower-bound sample sizes for the Fisher information approximation. *Journal of Mathematical Psychology*, **2014**, 60, 29-34	1.2	14
52	Working memory load eliminates the survival processing effect. *Memory*, **2014**, 22, 92-102	1.8	29
51	The lag effect in secondary school classrooms: Enhancing students memory for vocabulary. *Instructional Science*, **2014**, 42, 373-388	2	39
50	Spinoza's error: memory for truth and falsity. *Memory and Cognition*, **2013**, 41, 176-86	2.2	33
49	Separation of encoding fluency and item difficulty effects on judgements of learning. *Quarterly Journal of Experimental Psychology*, **2013**, 66, 2060-72	1.8	25
48	The proximate memory mechanism underlying the survival-processing effect: richness of encoding or interactive imagery?. *Memory*, **2013**, 21, 494-502	1.8	36
47	Effort reduction after self-control depletion: The role of cognitive resources in use of simple heuristics. *Journal of Cognitive Psychology*, **2013**, 25, 267-276	0.9	41
46	Conjoint measurement of disorder prevalence, test sensitivity, and test specificity: notes on Botella, Huang, and Suero's multinomial model. *Frontiers in Psychology*, **2013**, 4, 876	3.4	2
45	Result-Blind Peer Reviews and Editorial Decisions. *European Psychologist*, **2013**, 18, 286-294	4.4	30
44	Proximate Cognitive Mechanisms Underlying the Survival Processing Effect **2013**, 172-198		6
43	How specific is source memory for faces of cheaters? Evidence for categorical emotional tagging. *Journal of Experimental Psychology: Learning Memory and Cognition*, **2012**, 38, 457-72	2.2	24
42	Extracting the truth from conflicting eyewitness reports: a formal modeling approach. *Journal of Experimental Psychology: Applied*, **2012**, 18, 390-403	1.8	10
41	Encoding, maintenance, and retrieval processes in the lag effect: a multinomial processing tree analysis. *Memory*, **2012**, 20, 37-47	1.8	28
40	A matter of time: antecedents of one-reason decision making based on recognition. *Acta Psychologica*, **2012**, 141, 9-16	1.7	21
39	CAML--maximum likelihood consensus analysis. *Behavior Research Methods*, **2012**, 44, 189-201	6.1	12
38	A stochastic lie detector. *Behavior Research Methods*, **2012**, 44, 222-31	6.1	24

37			
36	Hindsight bias from 3 to 95 years of age. *Journal of Experimental Psychology: Learning Memory and Cognition*, **2011**, 37, 378-91	2.2	62
35	Judgments of learning reflect encoding fluency: conclusive evidence for the ease-of-processing hypothesis. *Journal of Experimental Psychology: Learning Memory and Cognition*, **2011**, 37, 1264-9	2.2	46
34	Cognitive processes in implicit attitude tasks: An experimental validation of the Trip Model. *European Journal of Social Psychology*, **2011**, 41, 254-268	2.9	9
33	Fluent, fast, and frugal? A formal model evaluation of the interplay between memory, fluency, and comparative judgments. *Journal of Experimental Psychology: Learning Memory and Cognition*, **2011**, 37, 827-39	2.2	18
32	On the plasticity of the survival processing effect. *Journal of Experimental Psychology: Learning Memory and Cognition*, **2011**, 37, 1553-62	2.2	85
31	One-reason decision making unveiled: a measurement model of the recognition heuristic. *Journal of Experimental Psychology: Learning Memory and Cognition*, **2010**, 36, 123-134	2.2	32
30	Multinomial Processing Tree Models. *Zeitschrift Fuer Psychologie Mit Zeitschrift Fuer Angewandte Psychologie*, **2009**, 217, 108-124		161
29	Statistical power analyses using G*Power 3.1: tests for correlation and regression analyses. *Behavior Research Methods*, **2009**, 41, 1149-60	6.1	12079
28	The revelation effect for autobiographical memory: a mixture-model analysis. *Psychonomic Bulletin and Review*, **2009**, 16, 463-8	4.1	9
27	Matching bias in the selection task is not eliminated by explicit negations. *Thinking and Reasoning*, **2008**, 14, 281-303	2.6	8
26	The Four-States Model of Memory Retrieval Experiences. *Zeitschrift Fuer Psychologie Mit Zeitschrift Fuer Angewandte Psychologie*, **2007**, 215, 61-71		4
25	Neue Studiengänge. *Psychologische Rundschau*, **2007**, 58, 274-277	0.6	3
24	G*Power 3: a flexible statistical power analysis program for the social, behavioral, and biomedical sciences. *Behavior Research Methods*, **2007**, 39, 175-91	6.1	25136
23	Recollection Biases in Hindsight Judgments. *Social Cognition*, **2007**, 25, 114-131	1.2	24
22	The abstract selection task: new data and an almost comprehensive model. *Journal of Experimental Psychology: Learning Memory and Cognition*, **2007**, 33, 680-703	2.2	34
21	Hindsight Bias Across the Life Span. *Social Cognition*, **2007**, 25, 83-97	1.2	22
20	A short tutorial of GPower. *Tutorials in Quantitative Methods for Psychology*, **2007**, 3, 51-59		194

19	The interplay of memory and judgment processes in effects of aging on hindsight bias. *Journal of Experimental Psychology: Learning Memory and Cognition*, **2006**, 32, 1003-18	2.2	25
18	Power Analysis for Categorical Methods **2005**,		6
17	Word frequency of irrelevant speech distractors affects serial recall. *Memory and Cognition*, **2005**, 33, 86-97	2.2	39
16	Die Wortstammlänge beeinflusst kontrollierte, nicht aber automatische Gedächtnisprozesse im Wortstammergänzungsparadigma. *Zeitschrift Fuer Psychologie Mit Zeitschrift Fuer Angewandte Psychologie*, **2004**, 212, 167-176		2
15	Hindsight bias in political elections. *Memory*, **2003**, 11, 491-504	1.8	46
14	Prozessdissoziationsprozedur: Quo Vadis?. *Zeitschrift Fuer Psychologie Mit Zeitschrift Fuer Angewandte Psychologie*, **2003**, 211, 17-25		4
13	Further evidence on the similarity of memory processes in the process dissociation procedure and in source monitoring. *Memory and Cognition*, **2000**, 28, 1152-64	2.2	23
12	Recognition of script-typical versus script-atypical information: effects of cognitive elaboration. *Memory and Cognition*, **1998**, 26, 922-38	2.2	35
11	What kind of bias is hindsight bias?. *Psychological Research*, **1998**, 61, 135-146	2.5	27
10	Decomposing the hindsight bias: A multinomial processing tree model for separating recollection and reconstruction in hindsight.. *Journal of Experimental Psychology: Learning Memory and Cognition* , **1998**, 24, 387-414	2.2	79
9	Comment: Process-dissociation measurement models: Threshold theory or detection theory?. *Journal of Experimental Psychology: General*, **1998**, 127, 83-96	4.7	52
8	A Multinomial Model to Assess Fluency and Recollection in a Sequence Learning Task. *Quarterly Journal of Experimental Psychology Section A: Human Experimental Psychology*, **1997**, 50, 631-663		20
7	The nature of memory processes underlying recognition judgments in the process dissociation procedure. *Memory and Cognition*, **1997**, 25, 508-17	2.2	44
6	A Multinomial Model to Assess Fluency and Recollection in a Sequence Learning Task. *Quarterly Journal of Experimental Psychology Section A: Human Experimental Psychology*, **1997**, 50, 631-663		15
5	Source discrimination, item detection, and multinomial models of source monitoring.. *Journal of Experimental Psychology: Learning Memory and Cognition*, **1996**, 22, 197-215	2.2	183
4	GPOWER: A general power analysis program. *Behavior Research Methods*, **1996**, 28, 1-11		2281
3	On assumptions of, relations between, and evaluations of some process dissociation measurement models. *Consciousness and Cognition*, **1996**, 5, 581-94	2.6	49
2	Toward unbiased measurement of conscious and unconscious memory processes within the process dissociation framework.. *Journal of Experimental Psychology: General*, **1995**, 124, 137-160	4.7	181

1	Toward unbiased measurement of conscious and unconscious memory processes within the process dissociation framework. *Journal of Experimental Psychology: General*, **1995**, 124, 137-160	4.7	28