Thomas H Rammsayer

List of Publications by Year
in descending order

87	2,882	136950 32	189892 50
papers	citations	h-index	g-index

87	87	87	1851
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Duration discrimination of filled and empty auditory intervals: Cognitive and perceptual factors. Perception & Psychophysics, 1991, 50, 565-574.	2.3	224
2	Processing of temporal information and the basal ganglia: new evidence from fMRI. Experimental Brain Research, 2003, 148, 238-246.	1.5	181
3	Temporal Information Processing in Musicians and Nonmusicians. Music Perception, 2006, 24, 37-48.	1.1	160
4	On dopaminergic modulation of temporal information processing. Biological Psychology, 1993, 36, 209-222.	2.2	118
5	Impaired Temporal Discrimination in Parkinson's Disease: Temporal Processing of Brief Durations as an Indicator of Degeneration of Dopaminergic Neurons in the Basal Ganglia. International Journal of Neuroscience, 1997, 91, 45-55.	1.6	97
6	On estimating the difference limen in duration discrimination tasks: A comparison of the 2AFC and the reminder task. Perception & Psychophysics, 2008, 70, 291-305.	2.3	92
7	Temporal discrimination in schizophrenic and affective disorders: Evidence for a dopamine-dependent internal clock. International Journal of Neuroscience, 1990, 53, 111-120.	1.6	86
8	Performance on temporal information processing as an index of general intelligence. Intelligence, 2007, 35, 123-139.	3.0	84
9	Counting models of temporal discrimination. Psychonomic Bulletin and Review, 2001, 8, 270-277.	2.8	80
10	Crossmodal temporal discrimination: Assessing the predictions of a general pacemaker-counter model. Perception & Psychophysics, 2006, 68, 1140-1152.	2.3	65
11	Variable Foreperiods and Temporal Discrimination. Quarterly Journal of Experimental Psychology Section A: Human Experimental Psychology, 2003, 56, 1-35.	2.3	61
12	No evidence for qualitative differences in the processing of short and long temporal intervals. Acta Psychologica, 2005, 120, 141-171.	1.5	60
13	The effect of nontemporal stimulus size on perceived duration as assessed by the method of reproduction. Journal of Vision, 2014, 14, 17-17.	0.3	58
14	Pharmacologic Properties of the Internal Clock Underlying Time Perception in Humans. Neuropsychobiology, 1992, 26, 71-80.	1.9	54
15	Effects of practice and signal energy on duration discrimination of brief auditory intervals. Perception & Psychophysics, 1994, 55, 454-464.	2.3	54
16	Auditory and visual temporal sensitivity: evidence for a hierarchical structure of modality-specific and modality-independent levels of temporal information processing. Psychological Research, 2012, 76, 20-31.	1.7	52
17	A meta-analysis of the relationship between emotion recognition ability and intelligence. Cognition and Emotion, 2020, 34, 329-351.	2.0	50
18	Perceptual learning in auditory temporal discrimination: No evidence for a cross-modal transfer to the visual modality. Psychonomic Bulletin and Review, 2009, 16, 382-389.	2.8	49

#	Article	IF	Citations
19	Differences in personality characteristics between bodyâ€modified and nonâ€modified individuals: associations with individual personality traits and their possible evolutionary implications. European Journal of Personality, 2007, 21, 931-951.	3.1	48
20	Musicians Do Better than Nonmusicians in Both Auditory and Visual Timing Tasks. Music Perception, 2012, 30, 85-96.	1.1	45
21	Psychological refractory period in introverts and extraverts. Personality and Individual Differences, 2014, 63, 10-15.	2.9	44
22	The influence of temporal resolution power and working memory capacity on psychometric intelligence. Intelligence, 2009, 37, 479-486.	3.0	42
23	Larger visual stimuli are perceived to last longer from time to time: The internal clock is not affected by nontemporal visual stimulus size. Journal of Vision, 2015, 15, 5-5.	0.3	40
24	Visual-auditory differences in duration discrimination of intervals in the subsecond and second range. Frontiers in Psychology, 2015, 6, 1626.	2.1	40
25	Elaborative rehearsal of nontemporal information interferes with temporal processing of durations in the range of seconds but not milliseconds. Acta Psychologica, 2011, 137, 127-133.	1.5	39
26	Aspects of temporal information processing: A dimensional analysis. Psychological Research, 2004, 69, 115-123.	1.7	38
27	Effects of pharmacologically induced changes in NMDA receptor activity on human timing and sensorimotor performance. Brain Research, 2006, 1073-1074, 407-416.	2.2	37
28	A neurocomputational model for optimal temporal processing. Journal of Computational Neuroscience, 2008, 25, 449-464.	1.0	37
29	Mental ability, P300, and mismatch negativity: Analysis of frequency and duration discrimination. Intelligence, 2009, 37, 365-373.	3.0	36
30	Differences in duration discrimination of filled and empty auditory intervals as a function of base duration. Attention, Perception, and Psychophysics, 2010, 72, 1591-1600.	1.3	36
31	Extraversion and Dopamine. European Psychologist, 1998, 3, 37-50.	3.1	36
32	Temporal information processing and pitch discrimination as predictors of general intelligence.. Canadian Journal of Experimental Psychology, 2006, 60, 294-306.	0.8	36
33	On the relationship between general fluid intelligence and psychophysical indicators of temporal resolution in the brain. Journal of Research in Personality, 2002, 36, 507-530.	1.7	35
34	In search of the internal structure of the processes underlying interval timing in the sub-second and the second range: A confirmatory factor analysis approach. Acta Psychologica, 2014, 147, 68-74.	1.5	35
35	Sex Differences in Visual Motion Processing. Current Biology, 2018, 28, 2794-2799.e3.	3.9	35
36	Effects of benzodiazepine-induced sedation on temporal processing. Human Psychopharmacology, 1992, 7, 311-318.	1.5	34

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37	Temporal discrimination as a function of marker duration. Perception & Psychophysics, 1996, 58, 1213-1223.	2.3	32
38	Temporal and non-temporal sensory discrimination and their predictions of capacity- and speed-related aspects of psychometric intelligence. Personality and Individual Differences, 2009, 47, 52-57.	2.9	29
39	The effects of type of interval, sensory modality, base duration, and psychophysical task on the discrimination of brief time intervals. Attention, Perception, and Psychophysics, 2014, 76, 1185-1196.	1.3	29
40	A Cognitive-Neuroscience Approach for Elucidation of Mechanisms Underlying Temporal Information Processing. International Journal of Neuroscience, 1994, 77, 61-76.	1.6	28
41	Extraversion-related differences in response organization: evidence from lateralized readiness potentials. Biological Psychology, 2004, 66, 35-49.	2.2	26
42	Effects of Pharmacologically Induced Dopamine-Receptor Stimulation on Human Temporal Information Processing. NeuroQuantology, 2009, 7, .	0.2	24
43	Aging and temporal discrimination of brief auditory intervals. Psychological Research, 1993, 55, 15-19.	1.7	22
44	Differences in the transmission of sensory input into motor output between introverts and extraverts: Behavioral and psychophysiological analyses. Brain and Cognition, 2004, 56, 293-303.	1.8	21
45	On the relationship between spatial suppression, speed of information processing, and psychometric intelligence. Intelligence, 2018, 67, 11-18.	3.0	21
46	Timing Performance as a Predictor of Psychometric Intelligence as Measured by Speed and Power Tests. Journal of Individual Differences, 2006, 27, 20-37.	1.0	19
47	Time-order errors and standard-position effects in duration discrimination: An experimental study and an analysis by the sensation-weighting model. Attention, Perception, and Psychophysics, 2015, 77, 2409-2423.	1.3	18
48	Extroversion-Related Differences in Speed of Premotor and Motor Processing as Revealed by Lateralized Readiness Potentials. Journal of Motor Behavior, 2008, 40, 143-154.	0.9	16
49	The greater temporal acuity in the reminder task than in the 2AFC task is independent of standard duration and sensory modality.. Canadian Journal of Experimental Psychology, 2012, 66, 26-31.	0.8	15
50	On Sex-Related Differences in Auditory and Visual Sensory Functioning. Archives of Sexual Behavior, 2012, 41, 583-590.	1.9	15
51	The Effects of Sex and Gender-Role Characteristics on Facets of Sociosexuality in Heterosexual Young Adults. Journal of Sex Research, 2017, 54, 254-263.	2.5	15
52	The Relationship of Digit Ratio (2D:4D) and Gender-Role Orientation in Four National Samples. Journal of Individual Differences, 2007, 28, 78-87.	1.0	14
53	Individual differences in working memory capacity explain the relationship between general discrimination ability and psychometric intelligence. Intelligence, 2014, 44, 40-50.	3.0	13
54	On the Relationship between P3 Latency and Mental Ability as a Function of Increasing Demands in a Selective Attention Task. Brain Sciences, 2019, 9, 28.	2.3	13

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55	The Relationship Between Sociosexuality and Aspects of Body Image in Men and Women: A Structural Equation Modeling Approach. Archives of Sexual Behavior, 2013, 42, 1173-1179.	1.9	12
56	Performance on auditory and visual temporal information processing is related to psychometric intelligence. Personality and Individual Differences, 2012, 52, 9-14.	2.9	11
57	Visual-auditory differences in duration discrimination depend on modality-specific, sensory-automatic temporal processing: Converging evidence for the validity of the Sensory-Automatic Timing Hypothesis. Quarterly Journal of Experimental Psychology, 2018, 71, 2364-2377.	1.1	11
58	Title is missing!. European Psychologist, 1998, 3, 37-50.	3.1	11
59	Intelligence and Sensory Sensitivity as Predictors of Emotion Recognition Ability. Journal of Intelligence, 2017, 5, 35.	2.5	10
60	Comparisons of Two Variants of the Method of Constant Stimuli for Estimating Difference Thresholds. Swiss Journal of Psychology, 2009, 68, 189-192.	0.9	10
61	NMDA Receptor Activity and the Transmission of Sensory Input into Motor Output in Introverts and Extraverts. Quarterly Journal of Experimental Psychology Section B: Comparative and Physiological Psychology, 2003, 56, 207-221.	2.8	9
62	Personality and the psychological refractory period: No evidence for an extraversion- or intelligence-related effect.. Canadian Journal of Behavioural Science, 2011, 43, 214-221.	0.6	9
63	Elucidating the Functional Relationship Between Working Memory Capacity and Psychometric Intelligence: A Fixed-Links Modeling Approach for Experimental Repeated-Measures Designs. Advances in Cognitive Psychology, 2015, 11, 3-13.	0.5	9
64	Psychophysics of Human Timing. , 0, , 157-168.		9
65	Putting the temporal resolution power (TRP) hypothesis to a critical test: Is the TRP-g relationship still more fundamental than an optimized relationship between speed of information processing and g?. Intelligence, 2018, 70, 52-60.	3.0	8
66	Elucidating the Internal Structure of Psychophysical Timing Performance in the Sub-second and Second Range by Utilizing Confirmatory Factor Analysis. Advances in Experimental Medicine and Biology, 2014, 829, 33-47.	1.6	8
67	Processing Visual Temporal Information and Its Relationship to Psychometric Intelligence. Journal of Individual Differences, 2011, 32, 181-188.	1.0	8
68	Sensory Discrimination, Working Memory and Intelligence in 9â€Yearâ€Old and 11â€Yearâ€Old Children. Infant and Child Development, 2013, 22, 523-538.	1.5	6
69	Speed- and accuracy-related measures of an intelligence test are differentially predicted by the speed and accuracy measures of a cognitive task. Intelligence, 2018, 71, 1-7.	3.0	6
70	On the Functional Relationships Among Sexual Orientation, Masculine and Feminine Gender Role Orientation, and Sociosexual Orientation in Young Heterosexual and Lesbian Women. Journal of Sex Research, 2020, 57, 1048-1058.	2.5	6
71	The Interactions Among Sexual Orientation, Masculine and Feminine Gender Role Orientation, and Facets of Sociosexuality in Young Heterosexual and Homosexual Men. Journal of Homosexuality, 2021, 68, 2003-2023.	2.0	6
72	Developing a Psychophysical Measure to Assess Duration Discrimination in the Millisecond Range. European Journal of Psychological Assessment, 2012, 28, 172-180.	3.0	6

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73	Relations among fluid intelligence, sensory discrimination and working memory in middle to late childhood â€“ A latent variable approach. Cognitive Development, 2014, 32, 58-73.	1.3	5
74	On the relation between mental ability and speed of information processing in the Hick task: An analysis of behavioral and electrophysiological speed measures. Personality and Individual Differences, 2017, 118, 11-16.	2.9	5
75	Elucidating the Functional Relationship Between Speed of Information Processing and Speed-, Capacity-, and Memory-Related Aspects of Psychometric Intelligence. Advances in Cognitive Psychology, 2018, 14, 3-13.	0.5	5
76	A fixed-links modeling approach to assess individual differences in the attentional blink: Analysis of behavioral and psychophysiological data. Acta Psychologica, 2015, 159, 123-130.	1.5	4
77	Do Executive Attentional Processes Uniquely or Commonly Explain Psychometric g and Correlations in the Positive Manifold? A Structural Equation Modeling and Network-Analysis Approach to Investigate the Process Overlap Theory. Journal of Intelligence, 2021, 9, 37.	2.5	4
78	Dopamine and extraversion: Differential responsivity may be the key. Behavioral and Brain Sciences, 1999, 22, 535-536.	0.7	3
79	Extraversion and short-term memory for chromatic stimuli: An event-related potential analysis. International Journal of Psychophysiology, 2012, 86, 66-73.	1.0	3
80	The Validity of Functional Near-Infrared Spectroscopy Recordings of Visuospatial Working Memory Processes in Humans. Brain Sciences, 2018, 8, 62.	2.3	3
81	Functional Near-Infrared Spectroscopy Recordings of Visuospatial Working Memory Processes. Part II: A Replication Study in Children on Sensitivity and Mental-Ability-Induced Differences in Functional Activation. Brain Sciences, 2018, 8, 152.	2.3	2
82	The Structural Validity of the Culture Fair Test Under Consideration of the Item-Position Effect. European Journal of Psychological Assessment, 2019, 35, 182-189.	3.0	2
83	The Role of Context and Attention on the Effect of Numerical Digit Value on Time Estimation. Timing and Time Perception, 2019, 7, 148-167.	0.6	1
84	Interval Timing in Pediatric Multiple Sclerosis: Impaired in the Subsecond Range but Unimpaired in the One-Second Range. Frontiers in Neurology, 2020, 11, 575780.	2.4	1
85	AMPT partially reverses euphoric but not psychomotor effects of alcohol in humans. Cognitive, Affective and Behavioral Neuroscience, 1995, 23, 248-255.	1.3	1
86	Progress and decay â€“ An information-theoretical view on the Janus face of time. BMC Neuroscience, 2009, 10, .	1.9	0
87	The perceived duration of numerical and verbal digits: The independent effects of digit value and covered area. Quarterly Journal of Experimental Psychology, 2020, 73, 1278-1289.	1.1	0