

Michael Hautus

List of Publications by Year in descending order

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Version: 2024-02-01

91
papers

2,174
citations

304743

22
h-index

254184

43
g-index

92
all docs

92
docs citations

92
times ranked

1837
citing authors

#	ARTICLE	IF	CITATIONS
1	“The most relaxing song in the world”? A comparative study. <i>Psychology of Music</i> , 2023, 51, 3-15.	1.6	3
2	Unravelling the basis of perceived textural complexity: Effect of manipulating multi-component model foods on the perception of textural complexity. , 2022, 1, 100004.		0
3	The potential for retronasally delivered olfactory stimuli to assess psychiatric conditions. <i>Current Psychology</i> , 2021, 40, 2970-2979.	2.8	0
4	Effect of basic structural variation, aimed at increasing perceivable textures in model foods, on the perception of textural complexity. <i>Food Quality and Preference</i> , 2021, 91, 104196.	4.6	8
5	Can binaural beats facilitate autonomic recovery following exposure to an acute stressor?. <i>Complementary Therapies in Clinical Practice</i> , 2021, 45, 101485.	1.7	4
6	Exploration of a new consumer test method based on metacognitive certainty. <i>Food Quality and Preference</i> , 2020, 81, 103857.	4.6	3
7	The use of freeze-dried retronasal stimuli to assess olfactory function. <i>Clinical Otolaryngology</i> , 2019, 44, 770-777.	1.2	4
8	Electrophysiological indices of amplitude modulated sounds and sensitivity to noise. <i>International Journal of Psychophysiology</i> , 2019, 139, 59-67.	1.0	5
9	The natural mathematics of behavior analysis. <i>Journal of the Experimental Analysis of Behavior</i> , 2018, 109, 451-474.	1.1	6
10	Atypical brain responses to auditory spatial cues in adults with autism spectrum disorder. <i>European Journal of Neuroscience</i> , 2018, 47, 682-689.	2.6	14
11	Variation of d^2/i estimates in two versions of the A-Not A task. <i>Journal of Sensory Studies</i> , 2018, 33, e12470.	1.6	3
12	Performance on the rapidly changing procedure, according to an associative learner. <i>Behavioural Processes</i> , 2018, 157, 372-395.	1.1	1
13	A multivariate assessment of the rapidly changing procedure with McDowell's Evolutionary Theory of Behavior Dynamics. <i>Journal of the Experimental Analysis of Behavior</i> , 2018, 110, 336-365.	1.1	6
14	Evaluating persistence of shape information using a matching protocol. <i>AIMS Neuroscience</i> , 2018, 5, 81-96.	2.3	4
15	Visual encoding of partial unknown shape boundaries. <i>AIMS Neuroscience</i> , 2018, 5, 132-147.	2.3	6
16	Personality and Perceptions of Common Odors. <i>Chemosensory Perception</i> , 2017, 10, 23-30.	1.2	7
17	Cognitive decision strategies adopted by consumers in reminder difference tests: Influence of the authenticity test. <i>Food Research International</i> , 2017, 97, 265-271.	6.2	6
18	Pre-asymptotic response rates as a function of the delay-of-reinforcement gradient summation for Catania's Operant Reserve: A reply to Berg & McDowell (2011). <i>Behavioural Processes</i> , 2017, 136, 11-19.	1.1	1

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19	See food diet? Cultural differences in estimating fullness and intake as a function of plate size. <i>Appetite</i> , 2017, 117, 197-202.	3.7	15
20	Demonstrating Invariant Encoding of Shapes Using A Matching Judgment Protocol. <i>AIMS Neuroscience</i> , 2017, 4, 120-146.	2.3	9
21	Is there a generalized sweetness sensitivity for an individual? A psychophysical investigation of inter-individual differences in detectability and discriminability for sucrose and fructose. <i>Physiology and Behavior</i> , 2016, 165, 239-248.	2.1	11
22	Paired Preference Tests: A signal detection based analysis with separate d' values for segmentation. <i>Journal of Sensory Studies</i> , 2016, 31, 481-491.	1.6	5
23	Methods for Fitting Olfactory Psychometric Functions: A Case Study Comparing Psychometric Functions for Individuals with a "Sensitive" or "Insensitive" Genotype for β -Ionone. <i>Chemical Senses</i> , 2016, 41, 771-782.	2.0	5
24	Unspecified duo-trio tests can be as powerful as the specified 2-AFC: Effects of instructions and familiarization procedures on cognitive decision strategies. <i>Food Research International</i> , 2016, 79, 114-125.	6.2	15
25	Electrophysiological approaches to noise sensitivity. <i>Journal of Clinical and Experimental Neuropsychology</i> , 2016, 38, 900-912.	1.3	29
26	Sensory discrimination by consumers of multiple stimuli from a reference: Stimulus configuration in A-Not AR and constant-ref. duo-trio superior to triangle and unspecified tetrad?. <i>Food Quality and Preference</i> , 2016, 47, 10-22.	4.6	33
27	Lognormal Lorenz and normal receiver operating characteristic curves as mirror images. <i>Royal Society Open Science</i> , 2015, 2, 140280.	2.4	5
28	The Feasibility of Gelatin-Based Retronasal Stimuli to Assess Olfactory Perception. <i>SAGE Open</i> , 2015, 5, 215824401561017.	1.7	3
29	Signal Detection Theory. , 2015, , 946-951.		2
30	The Negative Affect Hypothesis of Noise Sensitivity. <i>International Journal of Environmental Research and Public Health</i> , 2015, 12, 5284-5303.	2.6	21
31	Exploring the autonomic correlates of personality. <i>Autonomic Neuroscience: Basic and Clinical</i> , 2015, 193, 127-131.	2.8	8
32	Elucidating the relationship between noise sensitivity and personality. <i>Noise and Health</i> , 2015, 17, 165.	0.5	67
33	The restorative potential of soundscapes: A physiological investigation. <i>Applied Acoustics</i> , 2015, 96, 20-26.	3.3	143
34	Fitting Psychometric Functions Using a Fixed-Slope Parameter: An Advanced Alternative for Estimating Odor Thresholds With Data Generated by ASTM E679. <i>Chemical Senses</i> , 2014, 39, 229-241.	2.0	5
35	Recognition memory zROC slopes for items with correct versus incorrect source decisions discriminate the dual process and unequal variance signal detection models.. <i>Journal of Experimental Psychology: Learning Memory and Cognition</i> , 2014, 40, 1205-1225.	0.9	11
36	Cognitive decision strategies adopted by trained judges in reminder difference tests when tasting yoghurt, mayonnaise, and ice tea. <i>Food Quality and Preference</i> , 2014, 34, 14-23.	4.6	16

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37	Reduced object related negativity response indicates impaired auditory scene analysis in adults with autistic spectrum disorder. PeerJ, 2014, 2, e261.	2.0	18
38	Lateralized auditory brain function in children with normal reading ability and in children with dyslexia. Neuropsychologia, 2013, 51, 633-641.	1.6	38
39	Brief Report: Atypical Neuromagnetic Responses to Illusory Auditory Pitch in Children with Autism Spectrum Disorders. Journal of Autism and Developmental Disorders, 2013, 43, 2726-2731.	2.7	10
40	Masking functions and fixed-signal functions for low-level 1000-Hz tones. Journal of the Acoustical Society of America, 2013, 133, 4168-4176.	1.1	2
41	Unequal-strength source zROC slopes reflect criteria placement and not (necessarily) memory processes.. Journal of Experimental Psychology: Learning Memory and Cognition, 2013, 39, 1377-1392.	0.9	16
42	Defending the God Beyond: The Development of the A God-Scale™ a New Instrument for the Assessment of People's Perceptions, Experiences, and Activities in Relationship to God™ and Its Initial Use in a Forgiveness Study. Journal of Spirituality in Mental Health, 2013, 15, 160-185.	1.1	0
43	Cognitive Decision Strategies Adopted in Reminder Tasks by Trained Judges When Discriminating Aqueous Solutions Differing in the Concentration of Citric Acid. Journal of Sensory Studies, 2013, 28, 217-229.	1.6	15
44	Determining odour detection thresholds: Incorporating a method-independent definition into the implementation of ASTM E679. Food Quality and Preference, 2012, 25, 95-104.	4.6	28
45	ROC curve analysis to determine effects of repetition on the criteria for same™ different and A Not-A tests. Food Quality and Preference, 2011, 22, 66-77.	4.6	11
46	Decision strategies for the A Not-A, 2AFC and 2AFC-reminder tasks: Empirical tests. Food Quality and Preference, 2011, 22, 433-442.	4.6	31
47	INVESTIGATION OF TEST PERFORMANCE OVER REPEATED SESSIONS USING SIGNAL DETECTION THEORY: COMPARISON OF THREE NONATTRIBUTE™ SPECIFIED DIFFERENCE TESTS 2™ AFCR, A™ NOT A AND 2™ AFC. Journal of Sensory Studies, 2011, 26, 311-321.	4.6	53
48	Decision strategies for the two-alternative forced choice reminder paradigm. Attention, Perception, and Psychophysics, 2011, 73, 729-737.	1.3	15
49	The single interval adjustment matrix (SIAM) yes™ no task: an empirical assessment using auditory and gustatory stimuli. Attention, Perception, and Psychophysics, 2011, 73, 1934-1947.	1.3	12
50	How to avoid the ™invisible gorilla™ in aluminum smelting process control: Visual guidelines. Jom, 2011, 63, 120-126.	1.9	0
51	Operational and Control Decision Making in Aluminium Smelters. Advanced Materials Research, 2011, 201-203, 1632-1641.	0.3	2
52	Human Factors in Operational and Control Decision Making in Aluminium Smelters. , 2011, , 605-609.		4
53	Analysis of human work decisions in an aluminium smelter. International Journal of Decision Sciences, Risk and Management, 2010, 2, 46.	0.1	3
54	Processing of binaural spatial information in human auditory cortex: Neuromagnetic responses to interaural timing and level differences. Neuropsychologia, 2010, 48, 2610-2619.	1.6	47

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55	THE SINGLE INTERVAL ADJUSTMENT MATRIX (SIAM) YES-NO TASK APPLIED TO THE MEASUREMENT OF SUCROSE THRESHOLDS. <i>Journal of Sensory Studies</i> , 2010, 25, 940-955.	1.6	7
56	Evidence of stochastic resonance in an auditory discrimination task may reflect response bias. <i>Attention, Perception, and Psychophysics</i> , 2009, 71, 1931-1940.	1.3	5
57	Negative masking and the units problem in audition. <i>Hearing Research</i> , 2009, 247, 60-70.	2.0	5
58	Event-related potentials for interaural time differences and spectral cues. <i>NeuroReport</i> , 2009, 20, 951-956.	1.2	7
59	Toward a complete decision model of item and source recognition. <i>Psychonomic Bulletin and Review</i> , 2008, 15, 889-905.	2.8	50
60	THE SIGNAL DETECTION THEORY ROC CURVE: SOME APPLICATIONS IN FOOD SENSORY SCIENCE. <i>Journal of Sensory Studies</i> , 2008, 23, 186-204.	1.6	28
61	DECISION STRATEGIES DETERMINED FROM THE SHAPE OF THE SAMEâ€“DIFFERENT ROC CURVE: WHAT ARE THE EFFECTS OF INCORRECT ASSUMPTIONS?. <i>Journal of Sensory Studies</i> , 2008, 23, 743-764.	1.6	22
62	Psychometric functions for hybrid difference discrimination/increment detection tasks. <i>Journal of the Acoustical Society of America</i> , 2008, 124, EL302-EL307.	1.1	1
63	The measurement problem in level discrimination. <i>Journal of the Acoustical Society of America</i> , 2007, 121, 2158-2167.	1.1	6
64	Graded cue information in dichotic pitch: effects on event-related potentials. <i>NeuroReport</i> , 2007, 18, 365-368.	1.2	7
65	Sequential processing of interaural timing differences for sound source segregation and spatial localization: Evidence from event-related cortical potentials. <i>Psychophysiology</i> , 2007, 44, 541-551.	2.4	18
66	Differential cortical processing of location and pitch changes in dichotic pitch. <i>NeuroReport</i> , 2006, 17, 389-393.	1.2	6
67	Interpreting the effects of response bias on remember-know judgments using signal detection and threshold models. <i>Memory and Cognition</i> , 2006, 34, 1598-1614.	1.6	56
68	Estimating sensitivity and bias in a yes/no task. <i>British Journal of Mathematical and Statistical Psychology</i> , 2006, 59, 257-273.	1.4	20
69	Object-related brain potentials associated with the perceptual segregation of a dichotically embedded pitch. <i>Journal of the Acoustical Society of America</i> , 2005, 117, 275-280.	1.1	52
70	Detection-theoretic analysis of sameâ€“different judgments for the amplitude discrimination of acoustic sinusoids. <i>Journal of the Acoustical Society of America</i> , 2005, 117, 1305-1313.	1.1	5
71	Neuromagnetic responses associated with perceptual segregation of pitch. <i>Neurology, Neurophysiology and Neuroscience</i> , 2004, 2004, 33.	0.0	1
72	An assessment of response bias for the same-different task: Implications for the single-interval task. <i>Perception & Psychophysics</i> , 2003, 65, 844-860.	2.3	5

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73	Age-related improvements in auditory temporal resolution in reading-impaired children. <i>Dyslexia</i> , 2003, 9, 37-45.	1.5	93
74	Neural activity associated with binaural processes for the perceptual segregation of pitch. <i>Clinical Neurophysiology</i> , 2003, 114, 2245-2250.	1.5	48
75	Decision strategies in the ABX (matching-to-sample) psychophysical task. <i>Perception & Psychophysics</i> , 2002, 64, 89-106.	2.3	14
76	Indices of response bias in the same-different experiment. <i>Perception & Psychophysics</i> , 2001, 63, 1091-1100.	2.3	14
77	An area theorem for the same-different experiment. <i>Perception & Psychophysics</i> , 1999, 61, 766-769.	2.3	20
78	The dispersions of estimates of sensitivity obtained from four psychophysical procedures: Implications for experimental design. <i>Perception & Psychophysics</i> , 1998, 60, 638-649.	2.3	19
79	Discriminability in length of lines in the Müller-Lyer figure. <i>Perception & Psychophysics</i> , 1998, 60, 511-517.	2.3	6
80	Calculating estimates of sensitivity from group data: Pooled versus averaged estimators. <i>Behavior Research Methods</i> , 1997, 29, 556-562.	1.3	29
81	Likelihood-ratio decision strategy for independent observations in the same-different task: An approximation to the detection-theoretic model. <i>Perception & Psychophysics</i> , 1997, 59, 313-316.	2.3	19
82	Recognition of aspect-dependent three-dimensional objects by an echolocating Atlantic bottlenose dolphin. <i>Journal of Experimental Psychology</i> , 1996, 22, 19-31.	1.7	11
83	TWO MODELS FOR ESTIMATING THE DISCRIMINABILITY OF FOODS AND BEVERAGES. <i>Journal of Sensory Studies</i> , 1995, 10, 203-215.	1.6	38
84	Corrections for extreme proportions and their biasing effects on estimated values of d' . <i>Behavior Research Methods</i> , 1995, 27, 46-51.	1.3	603
85	Relativity of Judgements about Sound Amplitude and the Asymmetry of the Same-Different ROC. <i>Quarterly Journal of Experimental Psychology Section A: Human Experimental Psychology</i> , 1994, 47, 1035-1045.	2.3	32
86	Expressions for the area under the χ^2 receiver operating characteristic. <i>Journal of the Acoustical Society of America</i> , 1994, 95, 1674-1676.	1.1	2
87	Discriminability of electrocutaneous stimuli after topical anesthesia: Detection-theory measurement of sensitivity to painful stimuli. <i>Perception & Psychophysics</i> , 1994, 55, 125-132.	2.3	54
88	THE MEASUREMENT OF TASTE DISCRIMINATION WITH THE SAME-DIFFERENT TASK: A DETECTION-THEORY ANALYSIS. <i>Journal of Sensory Studies</i> , 1993, 8, 229-239.	1.6	42
89	USE OF THE RECEIVER OPERATING CHARACTERISTIC IN THE STUDY OF TASTE PERCEPTION. <i>Journal of Sensory Studies</i> , 1992, 7, 291-314.	1.6	31
90	Amplitude discrimination of sinusoids and narrow-band noise with Rayleigh properties. <i>Perception & Psychophysics</i> , 1992, 52, 53-62.	2.3	6

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91	Converting scanned images for display in human experimental research on IBM or IBM-compatible computers. Behavior Research Methods, 1990, 22, 451-452.	1.3	2