

# Oliver Wilhelm

## List of Publications by Year in descending order

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Version: 2024-02-01

146  
papers

10,219  
citations

71102

41  
h-index

38395

95  
g-index

172  
all docs

172  
docs citations

172  
times ranked

7644  
citing authors

#	ARTICLE	IF	CITATIONS
1	Science Self-Concept â€œ More than the Sum of Its Parts?. Journal of Experimental Education, 2022, 90, 435-451.	2.6	8
2	Age and gender differences in socially aversive (â€œdarkâ€) personality traits. European Journal of Personality, 2022, 36, 3-23.	3.1	20
3	Sty in the Mindâ€™s Eye: A Meta-Analytic Investigation of the Nomological Network and Internal Consistency of the â€œReading the Mind in the Eyesâ€-Test. Assessment, 2022, 29, 872-895.	3.1	33
4	Detecting Careless Responding in Survey Data Using Stochastic Gradient Boosting. Educational and Psychological Measurement, 2022, 82, 29-56.	2.4	25
5	Measuring the 7Cs of Vaccination Readiness. European Journal of Psychological Assessment, 2022, 38, 261-269.	3.0	66
6	The Structure of the Toronto Alexithymia Scale (TAS-20): A Meta-Analytic Confirmatory Factor Analysis. Assessment, 2022, 29, 1806-1823.	3.1	19
7	Psychological models of development of idiopathic environmental intolerances: Evidence from longitudinal population-based data. Environmental Research, 2022, 204, 111774.	7.5	4
8	Training working memory for two yearsâ€™No evidence of transfer to intelligence.. Journal of Experimental Psychology: Learning Memory and Cognition, 2022, 48, 717-733.	0.9	3
9	Examining moderators of vocabulary acquisition from kindergarten through elementary school using local structural equation modeling. Learning and Individual Differences, 2022, 95, 102136.	2.7	3
10	Structural invariance of declarative knowledge across the adult lifespan.. Psychology and Aging, 2022, 37, 283-297.	1.6	6
11	Measuring parentsâ€™ readiness to vaccinate themselves and their children against COVID-19. Vaccine, 2022, 40, 3825-3834.	3.8	10
12	Examining the Factor Structure and Validity of the Multidimensional Assessment of Interoceptive Awareness. Journal of Personality Assessment, 2021, 103, 675-684.	2.1	37
13	Caught in the Act: Predicting Cheating in Unproctored Knowledge Assessment. Assessment, 2021, 28, 1004-1017.	3.1	20
14	Coffee or tea? Examining cross-cultural differences in personality nuances across former colonies of the British Empire. European Journal of Personality, 2021, 35, 383-397.	3.1	8
15	Emotion expression abilities and psychopathy.. Personality Disorders: Theory, Research, and Treatment, 2021, 12, 546-559.	1.3	8
16	Age-related nuances in knowledge assessment. Intelligence, 2021, 85, 101526.	3.0	8
17	The Good, the Bad, and the Clever: Faking Ability as a Socio-Emotional Ability?. Journal of Intelligence, 2021, 9, 13.	2.5	5
18	Binding Costs in Processing Efficiency as Determinants of Cognitive Ability. Journal of Intelligence, 2021, 9, 18.	2.5	6

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19	Structural differences in life satisfaction in a U.S. adult sample across age. <i>Journal of Personality</i> , 2021, 89, 1232-1251.	3.2	15
20	Themes of the dark core of personality.. <i>Psychological Assessment</i> , 2021, 33, 511-525.	1.5	30
21	Psychopathy checklist: Screening version: A bifactor structure for forensic and community samples.. <i>Psychological Assessment</i> , 2021, 33, 1050-1064.	1.5	3
22	Associations of the MAOA uVNTR genotype and 5-HTTLPR/rs25531 haplotype with psychopathic traits. <i>Psychoneuroendocrinology</i> , 2021, 131, 105275.	2.7	5
23	Reliability generalization of tasks and recommendations for assessing the ability to perceive facial expressions of emotion.. <i>Psychological Assessment</i> , 2021, 33, 911-926.	1.5	7
24	To predict the future, consider the past: Revisiting Carroll (1993) as a guide to the future of intelligence research. <i>Intelligence</i> , 2021, 89, 101585.	3.0	15
25	Psychometrics of the Iowa and Berlin Gambling Tasks: Unresolved Issues With Reliability and Validity for Risk Taking. <i>Assessment</i> , 2020, 27, 232-245.	3.1	15
26	Cognitive Abilities Explain Wording Effects in the Rosenberg Self-Esteem Scale. <i>Assessment</i> , 2020, 27, 404-418.	3.1	54
27	Overarching Principles for the Organization of Socioemotional Constructs. <i>Current Directions in Psychological Science</i> , 2020, 29, 63-70.	5.3	18
28	A Reappraisal of the Threshold Hypothesis of Creativity and Intelligence. <i>Journal of Intelligence</i> , 2020, 8, 38.	2.5	30
29	A Meta-Analysis of Test Scores in Proctored and Unproctored Ability Assessments. <i>European Journal of Psychological Assessment</i> , 2020, 36, 174-184.	3.0	28
30	Pädagogisch-psychologische Diagnostik. , 2020, , 311-334.		0
31	Mene Mene Tekel Upharsin: Clerical Speed and Elementary Cognitive Speed are Different by Virtue of Test Mode Only. <i>Journal of Intelligence</i> , 2019, 7, 16.	2.5	4
32	â€œGrandpa, Do you like Roller Coasters?â€™: Identifying Ageâ€œAppropriate Personality Indicators. <i>European Journal of Personality</i> , 2019, 33, 264-278.	3.1	14
33	Cognitive Performance in Young APOE Î¼4 Carriers: A Latent Variable Approach for Assessing the Genotypeâ€œPhenotype Relationship. <i>Behavior Genetics</i> , 2019, 49, 455-468.	2.1	6
34	Multi-Modal Signals for Analyzing Pain Responses to Thermal and Electrical Stimuli. <i>Journal of Visualized Experiments</i> , 2019, , .	0.3	35
35	Environment-Specific vs. General Knowledge and Their Role in Pro-environmental Behavior. <i>Frontiers in Psychology</i> , 2019, 10, 718.	2.1	74
36	Ant Colony Optimization and Local Weighted Structural Equation Modeling. A Tutorial on Novel Item and Person Sampling Procedures for Personality Research. <i>European Journal of Personality</i> , 2019, 33, 400-419.	3.1	52

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37	Modern health worries: Deriving two measurement invariant short scales for cross-cultural research with Ant Colony Optimization. PLoS ONE, 2019, 14, e0211819.	2.5	8
38	Situational Judgment Tests as a method for measuring personality: Development and validity evidence for a test of Dependability. PLoS ONE, 2019, 14, e0211884.	2.5	11
39	On the dimensionality of crystallized intelligence: A smartphone-based assessment. Intelligence, 2019, 72, 76-85.	3.0	22
40	Sex differences in facial emotion perception ability across the lifespan. Cognition and Emotion, 2019, 33, 579-588.	2.0	74
41	A call for revamping socio-emotional ability research in autism. Behavioral and Brain Sciences, 2019, 42, .	0.7	5
42	Forced-Choice Versus Likert Responses on an Occupational Big Five Questionnaire. Journal of Individual Differences, 2019, 40, 134-148.	1.0	23
43	Perceiving faces: Too much, too fast?â€”face specificity in response caution.. Journal of Experimental Psychology: Human Perception and Performance, 2019, 45, 16-38.	0.9	9
44	The Effect of Stimulus-Response Compatibility on the Association of Fluid Intelligence and Working Memory with Choice Reaction Times. Journal of Cognition, 2019, 2, .	1.4	2
45	Computerized Facial Emotion Expression Recognition. Studies in Neuroscience, Psychology and Behavioral Economics, 2019, , 31-44.	0.3	0
46	A confirmatory examination of ageâ€”associated personality differences: Deriving ageâ€”related measurementâ€”invariant solutions using ant colony optimization. Journal of Personality, 2018, 86, 1037-1049.	3.2	20
47	Exploration of experimental design and statistical methods using the <i>stickâ€”onâ€”theâ€”wall spaghetti</i> rule. Teaching Statistics, 2018, 40, 40-45.	0.9	1
48	The development of emotional and behavioral self-regulation and their effects on academic achievement in childhood. International Journal of Behavioral Development, 2018, 42, 192-202.	2.4	63
49	Change in Fluid and Crystallized Intelligence and Student Achievement: The Role of Intellectual Engagement. Child Development, 2018, 89, 1074-1087.	3.0	12
50	Will the Real Factors of Prosociality Please Stand Up? A Comment on BÃ¼ckler, Tusche, and Singer (2016). Social Psychological and Personality Science, 2018, 9, 493-499.	3.9	47
51	The â€œegâ€”in Faking: Doublethink the Validity of Personality Self-Report Measures for Applicant Selection. Frontiers in Psychology, 2018, 9, 2153.	2.1	20
52	Scoring Alternatives for Mental Speed Tests: Measurement Issues and Validity for Working Memory Capacity and the Attentional Blink Effect. Journal of Intelligence, 2018, 6, 47.	2.5	9
53	Development of sex differences in math achievement, self-concept, and interest from grade 5 to 7. Contemporary Educational Psychology, 2018, 54, 55-65.	2.9	22
54	Knowledge Is Power for Medical Assistants: Crystallized and Fluid Intelligence As Predictors of Vocational Knowledge. Frontiers in Psychology, 2018, 9, 28.	2.1	8

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55	Dedifferentiation and differentiation of intelligence in adults across age and years of education. <i>Intelligence</i> , 2018, 69, 37-49.	3.0	22
56	Facial responsiveness of psychopaths to the emotional expressions of others. <i>PLoS ONE</i> , 2018, 13, e0190714.	2.5	15
57	The Structure of the Rosenberg Self-Esteem Scale. <i>Zeitschrift Fur Psychologie / Journal of Psychology</i> , 2018, 226, 14-29.	1.0	49
58	Psychopathic men: Deficits in general mental ability, not emotion perception.. <i>Journal of Abnormal Psychology</i> , 2018, 127, 294-304.	1.9	61
59	All categories are equal, but some categories are more equal than others: The psychometric structure of object and face cognition.. <i>Journal of Experimental Psychology: Learning Memory and Cognition</i> , 2018, 44, 1254-1268.	0.9	19
60	Emotion Recognition in Nonverbal Face-to-Face Communication. <i>Journal of Nonverbal Behavior</i> , 2017, 41, 221-238.	1.0	23
61	Emotion perception and empathy: An individual differences test of relations.. <i>Emotion</i> , 2017, 17, 1092-1106.	1.8	41
62	Incremental Validity of Multidimensional Proficiency Scores from Diagnostic Classification Models: An Illustration for Elementary School Mathematics. <i>International Journal of Testing</i> , 2017, 17, 277-301.	0.3	2
63	Equivalence of Screen Versus Print Reading Comprehension Depends on Task Complexity and Proficiency. <i>Discourse Processes</i> , 2017, 54, 427-445.	1.8	43
64	An Intensive Longitudinal Study of the Development of Student Achievement over Two Years (LUISE). <i>Methodology of Educational Measurement and Assessment</i> , 2017, , 333-354.	0.4	0
65	Are event-related potentials to dynamic facial expressions of emotion related to individual differences in the accuracy of processing facial expressions and identity?. <i>Cognitive, Affective and Behavioral Neuroscience</i> , 2017, 17, 364-380.	2.0	10
66	Associations of the COMT Val158Met polymorphism with working memory and intelligence – A review and meta-analysis. <i>Intelligence</i> , 2017, 65, 75-92.	3.0	18
67	Structural encoding processes contribute to individual differences in face and object cognition: Inferences from psychometric test performance and event-related brain potentials. <i>Cortex</i> , 2017, 95, 192-210.	2.4	18
68	On the relationship of emotional abilities and prosocial behavior. <i>Evolution and Human Behavior</i> , 2017, 38, 298-308.	2.2	32
69	Individual Differences in the Speed of Facial Emotion Recognition Show Little Specificity but Are Strongly Related with General Mental Speed: Psychometric, Neural and Genetic Evidence. <i>Frontiers in Behavioral Neuroscience</i> , 2017, 11, 149.	2.0	9
70	Preventing Response Elimination Strategies Improves the Convergent Validity of Figural Matrices. <i>Journal of Intelligence</i> , 2016, 4, 2.	2.5	26
71	Modeling Mental Speed: Decomposing Response Time Distributions in Elementary Cognitive Tasks and Correlations with Working Memory Capacity and Fluid Intelligence. <i>Journal of Intelligence</i> , 2016, 4, 13.	2.5	38
72	Meta-Heuristics in Short Scale Construction: Ant Colony Optimization and Genetic Algorithm. <i>PLoS ONE</i> , 2016, 11, e0167110.	2.5	60

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73	The influence of item sampling on sex differences in knowledge tests. <i>Intelligence</i> , 2016, 58, 22-32.	3.0	22
74	Exploring Factor Model Parameters across Continuous Variables with Local Structural Equation Models. <i>Multivariate Behavioral Research</i> , 2016, 51, 257-258.	3.1	74
75	Do the smart get smarter? Development of fluid and crystallized intelligence in 3rd grade. <i>Intelligence</i> , 2016, 59, 84-95.	3.0	28
76	Ecological momentary assessment of digital literacy: Influence of fluid and crystallized intelligence, domain-specific knowledge, and computer usage. <i>Intelligence</i> , 2016, 59, 170-180.	3.0	10
77	25. Sprachliche Fähigkeiten und Intelligenz. , 2016, , 523-543.		1
78	Behavioral and neuronal determinants of negative reciprocity in the ultimatum game. <i>Social Cognitive and Affective Neuroscience</i> , 2016, 11, 1608-1617.	3.0	27
79	Socio-economic, cultural, social, and cognitive aspects of family background and the biology competency of ninth-graders in Germany. <i>Learning and Individual Differences</i> , 2016, 45, 185-192.	2.7	4
80	The Multiple Faces of Risk-Taking. <i>European Journal of Psychological Assessment</i> , 2016, 32, 17-38.	3.0	27
81	Item-Level Time Limits Are Not a Panacea. <i>Measurement</i> , 2015, 13, 182-185.	0.2	1
82	A psychometric analysis of the reading the mind in the eyes test: toward a brief form for research and applied settings. <i>Frontiers in Psychology</i> , 2015, 6, 1503.	2.1	149
83	Examining age-related shared variance between face cognition, vision, and self-reported physical health: a test of the common cause hypothesis for social cognition. <i>Frontiers in Psychology</i> , 2015, 6, 1189.	2.1	4
84	Perceiving and remembering emotional facial expressions – A basic facet of emotional intelligence. <i>Intelligence</i> , 2015, 50, 52-67.	3.0	55
85	Facial Emotion Expression, <i>Individual Differences in</i> , 2015, , 667-675.		49
86	Typical intellectual engagement and achievement in math and the sciences in secondary education. <i>Learning and Individual Differences</i> , 2015, 43, 31-38.	2.7	7
87	Methods matter: Testing competing models for designing short-scale Big-Five assessments. <i>Journal of Research in Personality</i> , 2015, 59, 56-68.	1.7	80
88	Age-related changes in the mean and covariance structure of fluid and crystallized intelligence in childhood and adolescence. <i>Intelligence</i> , 2015, 48, 15-29.	3.0	22
89	Pädagogisch-psychologische Diagnostik. <i>Springer-Lehrbuch</i> , 2015, , 305-328.	0.0	5
90	Facial Perception. , 2015, , 676-682.		2

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91	Can Training Enhance Face Cognition Abilities in Middle-Aged Adults?. PLoS ONE, 2014, 9, e90249.	2.5	15
92	An emotion-differentiated perspective on empathy with the emotion specific empathy questionnaire. Frontiers in Psychology, 2014, 5, 653.	2.1	32
93	Dynamical systems analysis applied to working memory data. Frontiers in Psychology, 2014, 5, 687.	2.1	13
94	Test battery for measuring the perception and recognition of facial expressions of emotion. Frontiers in Psychology, 2014, 5, 404.	2.1	60
95	Psychometric challenges and proposed solutions when scoring facial emotion expression codes. Behavior Research Methods, 2014, 46, 992-1006.	4.0	32
96	On the nature of crystallized intelligence: the relationship between verbal ability and factual knowledge. Intelligence, 2014, 46, 156-168.	3.0	80
97	Neurocognitive mechanisms of individual differences in face cognition: A replication and extension. Cognitive, Affective and Behavioral Neuroscience, 2014, 14, 861-878.	2.0	41
98	Pitfalls and Challenges in Constructing Short Forms of Cognitive Ability Measures. Journal of Individual Differences, 2014, 35, 190-200.	1.0	23
99	A Hierarchical Bayesian Model With Correlated Residuals for Investigating Stability and Change in Intensive Longitudinal Data Settings. Methodology, 2014, 10, 126-137.	1.1	7
100	Facial EMG Responses to Emotional Expressions Are Related to Emotion Perception Ability. PLoS ONE, 2014, 9, e84053.	2.5	109
101	Sex differences in face cognition. Acta Psychologica, 2013, 142, 62-73.	1.5	54
102	Was grenzt das Kompetenzkonzept von etablierten Kategorien wie Fähigkeit, Fertigkeit oder Intelligenz ab?. Zeitschrift Fur Erziehungswissenschaft, 2013, 16, 23-26.	2.9	12
103	Face and object cognition across adult age.. Psychology and Aging, 2013, 28, 243-248.	1.6	35
104	What is working memory capacity, and how can we measure it?. Frontiers in Psychology, 2013, 4, 433.	2.1	279
105	Individual differences in response conflict adaptations. Frontiers in Psychology, 2013, 4, 947.	2.1	43
106	Measuring the speed of recognising facially expressed emotions. Cognition and Emotion, 2012, 26, 650-666.	2.0	29
107	Further evidence for a multifaceted model of mental speed: Factor structure and validity of computerized measures. Learning and Individual Differences, 2012, 22, 324-335.	2.7	21
108	The Impact of Model Misspecification on Parameter Estimation and Item-Fit Assessment in Log-Linear Diagnostic Classification Models. Journal of Educational Measurement, 2012, 49, 59-81.	1.2	89

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109	A Tutorial on Hierarchically Structured Constructs. <i>Journal of Personality</i> , 2012, 80, 796-846.	3.2	363
110	Equivalence of Reading and Listening Comprehension Across Test Media. <i>Educational and Psychological Measurement</i> , 2011, 71, 849-869.	2.4	53
111	Prediction of self-reported knowledge with over-claiming, fluid and crystallized intelligence and typical intellectual engagement. <i>Learning and Individual Differences</i> , 2011, 21, 742-746.	2.7	19
112	On the specificity of face cognition compared with general cognitive functioning across adult age.. <i>Psychology and Aging</i> , 2011, 26, 701-715.	1.6	74
113	Computer usage questionnaire: Structure, correlates, and gender differences. <i>Computers in Human Behavior</i> , 2011, 27, 899-904.	8.5	15
114	Intelligence Differentiation in Early Childhood. <i>Journal of Individual Differences</i> , 2011, 32, 170-179.	1.0	39
115	Structural invariance and age-related performance differences in face cognition.. <i>Psychology and Aging</i> , 2010, 25, 794-810.	1.6	61
116	Individual differences in perceiving and recognizing facesâ€”One element of social cognition.. <i>Journal of Personality and Social Psychology</i> , 2010, 99, 530-548.	2.8	148
117	Reading, listening, and viewing comprehension in English as a foreign language: One or more constructs?. <i>Intelligence</i> , 2010, 38, 562-573.	3.0	18
118	Individual Differences in Face Cognition: Brainâ€™Behavior Relationships. <i>Journal of Cognitive Neuroscience</i> , 2010, 22, 571-589.	2.3	57
119	Testing Reasoning Ability with Handheld Computers, Notebooks, and Paper and Pencil. <i>European Journal of Psychological Assessment</i> , 2010, 26, 284-292.	3.0	37
120	Self-Reported Cognitive Failures. <i>Journal of Individual Differences</i> , 2010, 31, 1-14.	1.0	47
121	Individual differences in conflict-monitoring: testing means and covariance hypothesis about the Simon and the Eriksen Flanker task. <i>Psychological Research</i> , 2009, 73, 762-776.	1.7	55
122	Complex span versus updating tasks of working memory: The gap is not that deep.. <i>Journal of Experimental Psychology: Learning Memory and Cognition</i> , 2009, 35, 1089-1096.	0.9	198
123	A practical illustration of multidimensional diagnostic skills profiling: Comparing results from confirmatory factor analysis and diagnostic classification models. <i>Studies in Educational Evaluation</i> , 2009, 35, 64-70.	2.3	49
124	Structure and Correlates of the German Version of the Brief UPPS Impulsive Behavior Scales. <i>European Journal of Psychological Assessment</i> , 2009, 25, 175-185.	3.0	36
125	Toward a comprehensive test battery for face cognition: Assessment of the tasks. <i>Behavior Research Methods</i> , 2008, 40, 840-857.	4.0	76
126	Which working memory functions predict intelligence?. <i>Intelligence</i> , 2008, 36, 641-652.	3.0	206



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127	A situational judgement test of professional behaviour: development and validation. <i>Medical Teacher</i> , 2008, 30, 528-533.	1.8	34
128	Individual Differences in Working Memory Capacity and Reasoning Ability. , 2008, , 49-75.		49
129	Approaches to the Assessment of Emotional Intelligence. , 2008, , 199-229.		1
130	Individual differences in components of reaction time distributions and their relations to working memory and intelligence.. <i>Journal of Experimental Psychology: General</i> , 2007, 136, 414-429.	2.1	403
131	Face Cognition: A Set of Distinct Mental Abilities. <i>Nature Precedings</i> , 2007, , .	0.1	3
132	Why are reasoning ability and working memory capacity related to mental speed? An investigation of stimulusâ€™response compatibility in choice reaction time tasks. <i>European Journal of Cognitive Psychology</i> , 2006, 18, 18-50.	1.3	80
133	Working Memory and Intelligence--Their Correlation and Their Relation: Comment on Ackerman, Beier, and Boyle (2005).. <i>Psychological Bulletin</i> , 2005, 131, 61-65.	6.1	340
134	Working memory span tasks: A methodological review and userâ€™s guide. <i>Psychonomic Bulletin and Review</i> , 2005, 12, 769-786.	2.8	1,984
135	Effects of Directionality in Deductive Reasoning: II. Premise Integration and Conclusion Evaluation. <i>Quarterly Journal of Experimental Psychology Section A: Human Experimental Psychology</i> , 2005, 58, 1225-1247.	2.3	24
136	Factor structure and validity of paper-and-pencil measures of mental speed: Evidence for a higher-order model?. <i>Intelligence</i> , 2005, 33, 491-514.	3.0	41
137	Handbook of Understanding and Measuring Intelligence. , 2005, , .		52
138	Intelligence: A Diva and a Workhorse. , 2005, , 1-10.		3
139	Measuring Reasoning Ability. , 2005, , 373-392.		37
140	Mental Speed: On Frameworks, Paradigms, and a Platform for the Future. , 2005, , 27-46.		17
141	The Generality of Working Memory Capacity: A Latent-Variable Approach to Verbal and Visuospatial Memory Span and Reasoning.. <i>Journal of Experimental Psychology: General</i> , 2004, 133, 189-217.	2.1	1,288
142	The multiple faces of working memory. <i>Intelligence</i> , 2003, 31, 167-193.	3.0	371
143	The meaning(s) of conditionals: Conditional probabilities, mental models, and personal utilities.. <i>Journal of Experimental Psychology: Learning Memory and Cognition</i> , 2003, 29, 680-693.	0.9	143
144	Working-memory capacity explains reasoning abilityâ€™ and a little bit more. <i>Intelligence</i> , 2002, 30, 261-288.	3.0	520

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145	The relation of speeded and unspeeded reasoning with mental speed. <i>Intelligence</i> , 2002, 30, 537-554.	3.0	63
146	Effects of directionality in deductive reasoning: I. The comprehension of single relational premises.. <i>Journal of Experimental Psychology: Learning Memory and Cognition</i> , 2000, 26, 1702-1712.	0.9	14