

# David Peebles

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7664197/publications.pdf>

Version: 2024-02-01

31  
papers

960  
citations

623734

14  
h-index

677142

22  
g-index

34  
all docs

34  
docs citations

34  
times ranked

943  
citing authors

#	ARTICLE	IF	CITATIONS
1	Common dementia screening procedures: DSM-5 fulfilment and mapping to cognitive domains. International Journal of Behavioural and Healthcare Research, 2022, 8, 104.	0.1	0
2	A new machine learning model based on induction of rules for autism detection. Health Informatics Journal, 2020, 26, 264-286.	2.1	145
3	A Mobile-Based Screening System for Data Analyses of Early Dementia Traits Detection. Journal of Medical Systems, 2020, 44, 24.	3.6	22
4	Dementia medical screening using mobile applications: A systematic review with a new mapping model. Journal of Biomedical Informatics, 2020, 111, 103573.	4.3	35
5	A review of dementia screening tools based on Mobile application. Health and Technology, 2020, 10, 1011-1022.	3.6	21
6	Data Imbalance in Autism Pre-Diagnosis Classification Systems: An Experimental Study. Journal of Information and Knowledge Management, 2020, 19, 2040014.	1.1	15
7	Early Autism Screening: A Comprehensive Review. International Journal of Environmental Research and Public Health, 2019, 16, 3502.	2.6	80
8	A machine learning autism classification based on logistic regression analysis. Health Information Science and Systems, 2019, 7, 12.	5.2	66
9	An innovative virtual reality training tool for orthognathic surgery. International Journal of Oral and Maxillofacial Surgery, 2018, 47, 1199-1205.	1.5	65
10	On the Relation Between Marr's Levels: A Response to Blokpoel (2017). Topics in Cognitive Science, 2018, 10, 649-653.	1.9	2
11	Effectiveness of Immersive Virtual Reality in Surgical Training—A Randomized Control Trial. Journal of Oral and Maxillofacial Surgery, 2018, 76, 1065-1072.	1.2	164
12	The Effect of Graphical Format and Instruction on the Interpretation of Three-Variable Bar and Line Graphs. Lecture Notes in Computer Science, 2018, , 429-440.	1.3	0
13	Editorial: Macrocognition: The Science and Engineering of Sociotechnical Work Systems. Frontiers in Psychology, 2017, 8, 515.	2.1	2
14	Expert interpretation of bar and line graphs: the role of graphicacy in reducing the effect of graph format. Frontiers in Psychology, 2015, 6, 1673.	2.1	13
15	Thirty Years After Marr's <i>Vision</i>: Levels of Analysis in Cognitive Science. Topics in Cognitive Science, 2015, 7, 187-190.	1.9	23
16	Beyond Single-Level Accounts: The Role of Cognitive Architectures in Cognitive Scientific Explanation. Topics in Cognitive Science, 2015, 7, 243-258.	1.9	48
17	Strategy and pattern recognition in expert comprehension of 2 <sup>nd</sup> –2 interaction graphs. Cognitive Systems Research, 2013, 24, 43-51.	2.7	5
18	Editorial to the Special Issue on “The Best of ICCM 2012”. Cognitive Systems Research, 2013, 24, 1.	2.7	0

#	ARTICLE	IF	CITATIONS
19	The Effect of Gestalt Laws of Perceptual Organization on the Comprehension of Three-Variable Bar and Line Graphs. <i>Human Factors</i> , 2013, 55, 183-203.	3.5	43
20	Rhetorical considerations for innovative approaches to performance and audience engagement. , 2013, , ,		0
21	Chapter Thirteen. Anglophone Perceptions Of Arabic Syllable Structure. , 2011, , 329-351.		2
22	Modelling Dynamic Decision Making with the ACT-R Cognitive Architecture. <i>Journal of Artificial General Intelligence</i> , 2010, 2, 52-68.	0.6	10
23	Spaces or Scenes: Map-based Orientation in Urban Environments. <i>Spatial Cognition and Computation</i> , 2010, 10, 135-156.	1.2	19
24	The effect of emergent features on judgments of quantity in configural and separable displays.. <i>Journal of Experimental Psychology: Applied</i> , 2008, 14, 85-100.	1.2	14
25	Effects of Geometry, Landmarks and Orientation Strategies in the "Drop-Off" Orientation Task. , 2007, , 390-405.		11
26	Sorting Preference in Children with Autism: The Dominance of Concrete Features. <i>Journal of Autism and Developmental Disorders</i> , 2007, 37, 270-280.	2.7	36
27	Modelling Interactive Behavior with a Rational Cognitive Architecture. , 2007, , 290-309.		2
28	Modeling the Effect of Task and Graphical Representation on Response Latency in a Graph Reading Task. <i>Human Factors</i> , 2003, 45, 28-46.	3.5	102
29	Extending task analytic models of graph-based reasoning: A cognitive model of problem solving with Cartesian graphs in ACT-R/PM. <i>Cognitive Systems Research</i> , 2002, 3, 77-86.	2.7	13
30	A Connectionist Model of Categorization Response Times. <i>Perspectives in Neural Computing</i> , 1999, , 228-239.	0.1	0
31	Making Audience Experiences More Meaningful and Emotionally Engaging through Mixed Visual and Audio Media. , 0, , ,		0