

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	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
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	Modeling the Effect of Task and Graphical Representation on Response Latency in a Graph Reading Task. Human Factors, 2003, 45, 28-46.	3.5	102
4	Early Autism Screening: A Comprehensive Review. International Journal of Environmental Research and Public Health, 2019, 16, 3502.	2.6	80
5	A machine learning autism classification based on logistic regression analysis. Health Information Science and Systems, 2019, 7, 12.	5.2	66
6	An innovative virtual reality training tool for orthognathic surgery. International Journal of Oral and Maxillofacial Surgery, 2018, 47, 1199-1205.	1.5	65
7	Beyond Single-Level Accounts: The Role of Cognitive Architectures in Cognitive Scientific Explanation. Topics in Cognitive Science, 2015, 7, 243-258.	1.9	48
8	The Effect of Gestalt Laws of Perceptual Organization on the Comprehension of Three-Variable Bar and Line Graphs. Human Factors, 2013, 55, 183-203.	3.5	43
9	Sorting Preference in Children with Autism: The Dominance of Concrete Features. Journal of Autism and Developmental Disorders, 2007, 37, 270-280.	2.7	36
10	Dementia medical screening using mobile applications: A systematic review with a new mapping model. Journal of Biomedical Informatics, 2020, 111, 103573.	4.3	35
11	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
12	A Mobile-Based Screening System for Data Analyses of Early Dementia Traits Detection. Journal of Medical Systems, 2020, 44, 24.	3.6	22
13	A review of dementia screening tools based on Mobile application. Health and Technology, 2020, 10, 1011-1022.	3.6	21
14	Spaces or Scenes: Map-based Orientation in Urban Environments. Spatial Cognition and Computation, 2010, 10, 135-156.	1.2	19
15	Data Imbalance in Autism Pre-Diagnosis Classification Systems: An Experimental Study. Journal of Information and Knowledge Management, 2020, 19, 2040014.	1.1	15
16	The effect of emergent features on judgments of quantity in configural and separable displays.. Journal of Experimental Psychology: Applied, 2008, 14, 85-100.	1.2	14
17	Extending task analytic models of graph-based reasoning: A cognitive model of problem solving with Cartesian graphs in ACT-R/PM. Cognitive Systems Research, 2002, 3, 77-86.	2.7	13
18	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

#	ARTICLE	IF	CITATIONS
19	Effects of Geometry, Landmarks and Orientation Strategies in the "Drop-Off"™ Orientation Task. , 2007, , 390-405.		11
20	Modelling Dynamic Decision Making with the ACT-R Cognitive Architecture. Journal of Artificial General Intelligence, 2010, 2, 52-68.	0.6	10
21	Strategy and pattern recognition in expert comprehension of 2Ã—2 interaction graphs. Cognitive Systems Research, 2013, 24, 43-51.	2.7	5
22	Editorial: Macrocognition: The Science and Engineering of Sociotechnical Work Systems. Frontiers in Psychology, 2017, 8, 515.	2.1	2
23	On the Relation Between Marr's Levels: A Response to Blokpoel (2017). Topics in Cognitive Science, 2018, 10, 649-653.	1.9	2
24	Chapter Thirteen. Anglophone Perceptions Of Arabic Syllable Structure. , 2011, , 329-351.		2
25	Modelling Interactive Behavior with a Rational Cognitive Architecture. , 2007, , 290-309.		2
26	Editorial to the Special Issue on "The Best of ICCM 2012" Cognitive Systems Research, 2013, 24, 1.	2.7	0
27	Rhetorical considerations for innovative approaches to performance and audience engagement. , 2013, , .		0
28	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
29	Making Audience Experiences More Meaningful and Emotionally Engaging through Mixed Visual and Audio Media. , 0, , .		0
30	A Connectionist Model of Categorization Response Times. Perspectives in Neural Computing, 1999, , 228-239.	0.1	0
31	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