

Pascal W M Van Gerven

List of Publications by Year in descending order

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Version: 2024-02-01

55
papers

3,319
citations

304701

22
h-index

182417

51
g-index

55
all docs

55
docs citations

55
times ranked

3017
citing authors

#	ARTICLE	IF	CITATIONS
1	Cognitive Load Measurement as a Means to Advance Cognitive Load Theory. <i>Educational Psychologist</i> , 2003, 38, 63-71.	9.0	1,649
2	Memory load and the cognitive pupillary response in aging. <i>Psychophysiology</i> , 2004, 41, 167-174.	2.4	225
3	Cognitive load theory and aging: effects of worked examples on training efficiency. <i>Learning and Instruction</i> , 2002, 12, 87-105.	3.2	140
4	The role of sensory modality in age-related distraction: A critical review and a renewed view.. <i>Psychological Bulletin</i> , 2010, 136, 975-1022.	6.1	105
5	No protective effects of education during normal cognitive aging: Results from the 6-year follow-up of the Maastricht Aging Study.. <i>Psychology and Aging</i> , 2008, 23, 119-130.	1.6	100
6	The efficiency of multimedia learning into old age. <i>British Journal of Educational Psychology</i> , 2003, 73, 489-505.	2.9	90
7	Pupil dilation in response preparation. <i>International Journal of Psychophysiology</i> , 2008, 67, 124-130.	1.0	78
8	Annoyance from environmental noise across the lifespan. <i>Journal of the Acoustical Society of America</i> , 2009, 126, 187-194.	1.1	74
9	Instructional efficiency of animation: effects of interactivity through mental reconstruction of static key frames. <i>Applied Cognitive Psychology</i> , 2007, 21, 783-793.	1.6	57
10	COGNITIVE LOAD THEORY AND THE ACQUISITION OF COMPLEX COGNITIVE SKILLS IN THE ELDERLY: TOWARDS AN INTEGRATIVE FRAMEWORK. <i>Educational Gerontology</i> , 2000, 26, 503-521.	1.3	55
11	Modality and variability as factors in training the elderly. <i>Applied Cognitive Psychology</i> , 2006, 20, 311-320.	1.6	53
12	Just-in-time, schematic supportive information presentation during cognitive skill acquisition. <i>Computers in Human Behavior</i> , 2006, 22, 93-112.	8.5	50
13	Making sense of age-related distractibility: The critical role of sensory modality. <i>Acta Psychologica</i> , 2013, 142, 184-194.	1.5	49
14	Now you see it, now you don't: Evidence for age-dependent and age-independent cross-modal distraction.. <i>Psychology and Aging</i> , 2011, 26, 415-426.	1.6	45
15	Cognitive Aging and Computer-Based Instructional Design: Where Do We Go From Here?. <i>Educational Psychology Review</i> , 2006, 18, 141-157.	8.4	41
16	Productive failure as an instructional approach to promote future learning. <i>Advances in Health Sciences Education</i> , 2019, 24, 739-749.	3.3	35
17	Disregarding hearing loss leads to overestimation of age-related cognitive decline. <i>Neurobiology of Aging</i> , 2017, 56, 180-189.	3.1	32
18	Selective Attention and Sensory Modality in Aging: Curses and Blessings. <i>Frontiers in Human Neuroscience</i> , 2016, 10, 147.	2.0	30

#	ARTICLE	IF	CITATIONS
19	Interaction effects of education and health status on cognitive change: A 6-year follow-up of the Maastricht Aging Study. <i>Aging and Mental Health</i> , 2009, 13, 521-529.	2.8	29
20	Cognitive Load Theory as a Tool for Expertise Development. <i>Instructional Science</i> , 2004, 32, 173-182.	2.0	26
21	Verbal Learning and Aging: Combined Effects of Irrelevant Speech, Interstimulus Interval, and Education. <i>Journals of Gerontology - Series B Psychological Sciences and Social Sciences</i> , 2006, 61, P285-P294.	3.9	26
22	Education does not protect against age-related decline of switching focal attention in working memory. <i>Brain and Cognition</i> , 2007, 64, 158-163.	1.8	25
23	Age-equivalent Top-down Modulation during Cross-modal Selective Attention. <i>Journal of Cognitive Neuroscience</i> , 2014, 26, 2827-2839.	2.3	25
24	Do apolipoprotein E genotype and educational attainment predict the rate of cognitive decline in normal aging? A 12-year follow-up of the Maastricht Aging Study.. <i>Neuropsychology</i> , 2012, 26, 459-472.	1.3	24
25	The Cognitive Aging Principle in Multimedia Learning. , 2005, , 339-352.		21
26	Aging and Focus Switching in Working Memory: Excluding the Potential Role of Memory Load. <i>Experimental Aging Research</i> , 2008, 34, 367-378.	1.2	19
27	Top-down modulation of visual and auditory cortical processing in aging. <i>Behavioural Brain Research</i> , 2015, 278, 226-234.	2.2	18
28	Switch hands! Mapping proactive and reactive cognitive control across the life span.. <i>Developmental Psychology</i> , 2016, 52, 960-971.	1.6	17
29	The Irrelevant Speech Effect and the Level of Interference in Aging. <i>Experimental Aging Research</i> , 2007, 33, 323-339.	1.2	16
30	Automatic Selective Attention as a Function of Sensory Modality in Aging. <i>Journals of Gerontology - Series B Psychological Sciences and Social Sciences</i> , 2012, 67B, 194-202.	3.9	16
31	Level of processing and reaction time in young and middle-aged adults and the effect of education. <i>European Journal of Cognitive Psychology</i> , 2009, 21, 216-234.	1.3	15
32	Cue validity effects in response preparation: A pupillometric study. <i>Brain Research</i> , 2008, 1196, 94-102.	2.2	13
33	Mentorsâ€™ Beliefs About Their Roles in Health Care Education: A Qualitative Study of Mentorsâ€™ Personal Interpretative Framework. <i>Academic Medicine</i> , 2020, 95, 1600-1606.	1.6	13
34	Aging and Distraction by Irrelevant Speech: Does Emotional Valence Matter?. <i>Journals of Gerontology - Series B Psychological Sciences and Social Sciences</i> , 2010, 65B, 667-670.	3.9	11
35	Aging and response interference across sensory modalities. <i>Psychonomic Bulletin and Review</i> , 2014, 21, 836-842.	2.8	10
36	On the Relative Role of Inhibition in Age-Related Working Memory Decline. <i>Aging, Neuropsychology, and Cognition</i> , 2007, 14, 95-107.	1.3	8

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37	Practice makes perfect: High performance gains in older adults engaged in selective attention within and across sensory modalities. <i>Acta Psychologica</i> , 2018, 191, 101-111.	1.5	8
38	Switch hands! Mapping temporal dynamics of proactive manual control with anticues. <i>Acta Psychologica</i> , 2015, 161, 137-144.	1.5	7
39	Academic Schedule and Day-to-Day Variations in Sedentary Behavior and Physical Activity of University Students. <i>International Journal of Environmental Research and Public Health</i> , 2020, 17, 2810.	2.6	7
40	Are Age Differences in Verbal Learning Related to Interstimulus Interval and Education?. <i>Experimental Aging Research</i> , 2008, 34, 323-339.	1.2	6
41	The Neural Correlates of Visual and Auditory Cross-Modal Selective Attention in Aging. <i>Frontiers in Aging Neuroscience</i> , 2020, 12, 498978.	3.4	6
42	MERIT: a mentor reflection instrument for identifying the personal interpretative framework. <i>BMC Medical Education</i> , 2021, 21, 144.	2.4	6
43	The effects of light physical activity on learning in adolescents: a systematic review. <i>International Review of Sport and Exercise Psychology</i> , 0, , 1-28.	5.7	5
44	Perceptual and motor factors mediate the bowed spatial position effect in ageing. <i>European Journal of Cognitive Psychology</i> , 2006, 18, 673-685.	1.3	4
45	The benefit of deep processing and high educational level for verbal learning in young and middle-aged adults. <i>Aging Clinical and Experimental Research</i> , 2007, 19, 372-380.	2.9	4
46	Response preparation with adjacent versus overlapped hands: A pupillometric study. <i>International Journal of Psychophysiology</i> , 2011, 79, 280-286.	1.0	4
47	Both facilitatory and inhibitory impairments underlie age-related differences of proactive cognitive control across the adult lifespan. <i>Acta Psychologica</i> , 2017, 179, 78-88.	1.5	4
48	The effects of standing tutorials on learning in undergraduate students: Study protocol. <i>International Journal of Educational Research</i> , 2019, 98, 123-133.	2.2	4
49	Spared Within-Hands but Impaired Between-Hands Response Preparation in Aging. <i>Journals of Gerontology - Series B Psychological Sciences and Social Sciences</i> , 2012, 67B, 317-324.	3.9	3
50	Strategic flexibility in response preparation: Effects of cue validity on reaction time and pupil dilation. <i>Journal of Cognitive Psychology</i> , 2014, 26, 166-177.	0.9	3
51	The effects of standing tutorial meetings on physical activity behavior in undergraduates: A randomized controlled trial. <i>Physiology and Behavior</i> , 2021, 230, 113294.	2.1	3
52	Preparing fingers within and between hands: Examining the maximal preparation benefit in older age. <i>European Journal of Cognitive Psychology</i> , 2009, 21, 1121-1136.	1.3	2
53	Urban residence and higher education do not protect against cognitive decline in aging and dementia: 10-year follow-up of the Canadian Study of Health and Aging. <i>Educational Gerontology</i> , 0, , 1-9.	1.3	2
54	Proactive motor control within and between hands: Effects of age, motor set, and cue type. <i>Acta Psychologica</i> , 2021, 212, 103214.	1.5	1

#	ARTICLE	IF	CITATIONS
55	The effects of standing in tutorial group meetings on learning: A randomized controlled trial. Trends in Neuroscience and Education, 2021, 24, 100156.	3.1	0