## Can training in a real-time strategy video game attenua

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Citation Report

#	Article	IF	CITATIONS
1	Exercising your brain: A review of human brain plasticity and training-induced learning Psychology and Aging, 2008, 23, 692-701.	1.6	510
2	Enrichment Effects on Adult Cognitive Development. Psychological Science in the Public Interest: A Journal of the American Psychological Society, 2008, 9, 1-65.	10.7	1,075
3	Introduction to the special section on cognitive plasticity in the aging mind Psychology and Aging, 2008, 23, 681-683.	1.6	19
4	Aging and Information Technology Use. Current Directions in Psychological Science, 2009, 18, 253-258.	5.3	379
5	Cognitive plasticity in adulthood and old age: Gauging the generality of cognitive intervention effects. Restorative Neurology and Neuroscience, 2009, 27, 435-453.	0.7	142
6	The Role of Effortful Attention in Effective Spatial Training. Proceedings of the Human Factors and Ergonomics Society, 2009, 53, 1734-1738.	0.3	0
7	Use of focus groups to develop methods to communicate cardiovascular disease risk and potential for risk reduction to people with type 2 diabetes. Family Practice, 2009, 26, 351-358.	1.9	13
8	Far transfer in cognitive training of older adults. Restorative Neurology and Neuroscience, 2009, 27, 455-471.	0.7	119
9	Executive functions after age 5: Changes and correlates. Developmental Review, 2009, 29, 180-200.	4.7	651
10	Transfer of computer-based training to simulated driving in older adults. Applied Ergonomics, 2009, 40, 943-952.	3.1	96
11	Aging, Training, and the Brain: A Review and Future Directions. Neuropsychology Review, 2009, 19, 504-522.	4.9	567
12	Coaching the Wii. , 2009, , .		8
13	Plasticity of brain networks in a randomized intervention trial of exercise training in older adults. Frontiers in Aging Neuroscience, 2010, 2, .	3.4	444
14	Use it or lose it? Wii brain exercise practice and reading for domain knowledge Psychology and Aging, 2010, 25, 753-766.	1.6	134
15	The association between computer use and cognition across adulthood: Use it so you won't lose it?. Psychology and Aging, 2010, 25, 560-568.	1.6	113
16	A theoretical framework for the study of adult cognitive plasticity Psychological Bulletin, 2010, 136, 659-676.	6.1	593
17	Working memory training in older adults: Evidence of transfer and maintenance effects Psychology and Aging, 2010, 25, 767-778.	1.6	242
18	Lessons learned: Staff perceptions of the Nintendo Wii as a health promotion tool within an aged-care and disability service. Health Promotion Journal of Australia, 2010, 21, 189-195.	1.2	30

#	Article	IF	CITATIONS
19	Transfer of skill engendered by complex task training under conditions of variable priority. Acta Psychologica, 2010, 135, 349-357.	1.5	78
20	Minding the Aging Brain: Technology-Enabled Cognitive Training for Healthy Elders. Current Neurology and Neuroscience Reports, 2010, 10, 374-380.	4.2	18
21	Kawashima vs "Super Marioâ€I Should a game be serious in order to stimulate cognitive aptitudes?. Revue Europeenne De Psychologie Appliquee, 2010, 60, 221-232.	0.8	19
22	Working Memory Training Promotes General Cognitive Abilities in Genetically Heterogeneous Mice. Current Biology, 2010, 20, 777-782.	3.9	82
23	Linking cognitive aging to alterations in dopamine neurotransmitter functioning: Recent data and future avenues. Neuroscience and Biobehavioral Reviews, 2010, 34, 670-677.	6.1	339
24	Contribution of Physical Fitness, Cerebrovascular Reserve and Cognitive Stimulation to Cognitive Function in Post-Menopausal Women. Frontiers in Aging Neuroscience, 2010, 2, 137.	3.4	43
25	Training cognitive control in older adults with the space fortress game: the role of training instructions and basic motor ability. Frontiers in Aging Neuroscience, 2010, 2, 145.	3.4	25
26	Can Older Adults Enhance Task-Switching Performance by Verbal Self-Instructions? The Influence of Working-Memory Load and Early Learning. Frontiers in Aging Neuroscience, 2010, 2, 147.	3.4	16
27	Striatal Volume Predicts Level of Video Game Skill Acquisition. Cerebral Cortex, 2010, 20, 2522-2530.	2.9	123
28	Toward a Psychological Science of Advanced Technology Design for Older Adults. Journals of Gerontology - Series B Psychological Sciences and Social Sciences, 2010, 65B, 645-653.	3.9	140
29	More Questions Than Answers About Cognitive Aging. Gerontologist, The, 2010, 50, 859-863.	3.9	0
30	Cognitive activity and the cognitive morbidity of Alzheimer disease. Neurology, 2010, 75, 990-996.	1.1	104
31	Investigating narrative in mobile games for seniors. , 2010, , .		19
32	The Metabolic Syndrome in Older Persons. Clinics in Geriatric Medicine, 2010, 26, 261-274.	2.6	13
33	Healthy Brain Aging: Role of Cognitive Reserve, Cognitive Stimulation, and Cognitive Exercises. Clinics in Geriatric Medicine, 2010, 26, 99-111.	2.6	72
35	Designing meaningful play within the psycho-social context of older adults. , 2010, , .		79
36	The relationship between n-back performance and matrix reasoning — implications for training and transfer. Intelligence, 2010, 38, 625-635.	3.0	387
37	Perceptual Learning During Action Video Game Playing. Topics in Cognitive Science, 2010, 2, 202-216.	1.9	126

#	Article	IF	Citations
38	Regional differences in brain volume predict the acquisition of skill in a complex real-time strategy videogame. Brain and Cognition, 2011, 76, 407-414.	1.8	76
39	The Influence of Video Games on Social, Cognitive, and Affective Information Processing. , 2011, , .		14
40	Homeostatic Disinhibition in the Aging Brain and Alzheimer's Disease. Journal of Alzheimer's Disease, 2011, 24, 15-24.	2.6	49
41	Pulsed Out of Awareness: EEG Alpha Oscillations Represent a Pulsed-Inhibition of Ongoing Cortical Processing. Frontiers in Psychology, 2011, 2, 99.	2.1	376
42	What?s Cooking? ? Cognitive Training of Executive Function in the Elderly. Frontiers in Psychology, 2011, 2, 228.	2.1	36
43	Intelligence in Adulthood. , 2011, , 174-190.		5
44	Do Action Video Games Improve Perception and Cognition?. Frontiers in Psychology, 2011, 2, 226.	2.1	322
45	A pilot usability study of MINWii, a music therapy game for demented patients. Technology and Health Care, 2011, 19, 233-246.	1.2	61
46	Learning to multitask: Effects of video game practice on electrophysiological indices of attention and resource allocation. Psychophysiology, 2011, 48, 1173-1183.	2.4	71
47	The Challenge in Creating Games for Education: Aligning Mental Models With Game Models. Child Development Perspectives, 2011, 5, 82-87.	3.9	42
48	Short- and long-term benefits of cognitive training. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 10081-10086.	7.1	589
49	Promoting Wellness and Recovery for Persons With Serious Mental Illness: A Program Evaluation. Archives of Psychiatric Nursing, 2011, 25, 77-89.	1.4	14
50	Neurocognition of aging in working environments. Journal for Labour Market Research, 2011, 44, 307-320.	1.1	15
51	Stretching the limits of visual attention: the case of action video games. Wiley Interdisciplinary Reviews: Cognitive Science, 2011, 2, 222-230.	2.8	81
52	Videoâ€game training and naÃ⁻ve reasoning about object motion. Applied Cognitive Psychology, 2011, 25, 166-173.	1.6	38
53	Affective States Influence Spatial Cue Utilization during Navigation. Presence: Teleoperators and Virtual Environments, 2011, 20, 223-240.	0.6	21
54	Evaluating gesture-based games with older adults on a large screen display. , 2011, , .		8
55	Evaluating gesture-based games with older adults on a large screen display. , 2011, , .		16

#	Article	IF	CITATIONS
56	User-Friendly Cognitive Training for the Elderly: A Technical Report. Telemedicine Journal and E-Health, 2011, 17, 456-460.	2.8	6
57	Computer-Based, Personalized Cognitive Training versus Classical Computer Games: A Randomized Double-Blind Prospective Trial of Cognitive Stimulation. Neuroepidemiology, 2011, 36, 91-99.	2.3	158
58	Video Game Design for Older Adults: Usability Observations from an Intervention Study. Proceedings of the Human Factors and Ergonomics Society, 2011, 55, 187-191.	0.3	15
59	Practice-Oriented Retest Learning as the Basic Form of Cognitive Plasticity of the Aging Brain. Journal of Aging Research, 2011, 2011, 1-8.	0.9	13
60	The neural basis of video gaming. Translational Psychiatry, 2011, 1, e53-e53.	4.8	141
61	The Impact of Physical and Mental Activity on Cognitive Aging. Current Topics in Behavioral Neurosciences, 2011, 10, 273-291.	1.7	48
62	Space Fortress game training and executive control in older adults: A pilot intervention. Aging, Neuropsychology, and Cognition, 2011, 18, 653-677.	1.3	87
63	"Intelligence: New findings and theoretical developments": Correction to Nisbett et al. (2012) American Psychologist, 2012, 67, 129-129.	4.2	6
64	Putting Fun into Video Games for Older Adults. Ergonomics in Design, 2012, 20, 13-22.	0.7	64
65	Influence of late-life cognitive activity on cognitive health. Neurology, 2012, 78, 1123-1129.	1.1	117
66	Brain Training Game Improves Executive Functions and Processing Speed in the Elderly: A Randomized Controlled Trial. PLoS ONE, 2012, 7, e29676.	2.5	267
68	Older adults as 21st century game designers. The Computer Games Journal, 2012, 1, 90-102.	1.0	37
69	Predicting and Maintaining the Challenge Point through the Study of Individual Differences. Proceedings of the Human Factors and Ergonomics Society, 2012, 56, 1064-1068.	0.3	0
70	Chapter 5 Cognitive Resilience in Adulthood. Annual Review of Gerontology and Geriatrics, 2012, 32, 93-114.	0.5	10
72	Cognitive reserve in ageing and Alzheimer's disease. Lancet Neurology, The, 2012, 11, 1006-1012.	10.2	2,347
73	Effect of Nintendo Wiiâ,,¢-based motor and cognitive training on activities of daily living in patients with Parkinson's disease: A randomised clinical trial. Physiotherapy, 2012, 98, 196-204.	0.4	262
74	Neuronal effects following working memory training. Developmental Cognitive Neuroscience, 2012, 2, S167-S179.	4.0	180
75	Role of Video Games in Improving Health-Related Outcomes. American Journal of Preventive Medicine, 2012, 42, 630-638.	3.0	382

#	Article	IF	CITATIONS
76	Examining cognitive function across the lifespan using a mobile application. Computers in Human Behavior, 2012, 28, 1934-1946.	8.5	39
77	Working memory training does not improve intelligence in healthy young adults. Intelligence, 2012, 40, 531-542.	3.0	165
78	Intelligence: New findings and theoretical developments American Psychologist, 2012, 67, 130-159.	4.2	705
79	Cognitive function, physical activity, and aging: Possible biological links and implications for multimodal interventions. Aging, Neuropsychology, and Cognition, 2012, 19, 248-263.	1.3	141
80	Effects of interactive physical-activity video-game training on physical and cognitive function in older adults Psychology and Aging, 2012, 27, 589-600.	1.6	340
81	Cognitive function in elderly can be ameliorated by training in temporal information processing. Restorative Neurology and Neuroscience, 2012, 30, 419-434.	0.7	19
82	Beneficial effects of reading aloud and solving simple arithmetic calculations (learning therapy) on a wide range of cognitive functions in the healthy elderly: study protocol for a randomized controlled trial. Trials, 2012, 13, 32.	1.6	34
83	Different slopes for different folks: Alpha and delta <scp>EEG</scp> power predict subsequent video game learning rate and improvements in cognitive control tasks. Psychophysiology, 2012, 49, 1558-1570.	2.4	74
84	Computerized Cognitive Training with Older Adults: A Systematic Review. PLoS ONE, 2012, 7, e40588.	2.5	484
85	Brain training in older adults: Evidence of transfer to memory span performance and pseudo-Matthew effects. Aging, Neuropsychology, and Cognition, 2012, 19, 195-221.	1.3	51
86	Health Benefits of Digital Videogames for Older Adults: A Systematic Review of the Literature. Games for Health Journal, 2012, 1, 402-410.	2.0	94
87	How to Assess Gaming-Induced Benefits on Attention and Working Memory. Games for Health Journal, 2012, 1, 192-198.	2.0	23
88	Videogames and Health Improvement: A Literature Review of Randomized Controlled Trials. Games for Health Journal, 2012, 1, 331-341.	2.0	61
89	The MINWii project: Renarcissization of patients suffering from Alzheimer's disease through video game-based music therapy. Entertainment Computing, 2012, 3, 111-120.	2.9	28
90	Video game experience and optimized executive control skills—On false positives and false negatives: Reply to Boot and Simons (2012). Acta Psychologica, 2012, 141, 278-280.	1.5	35
91	Older Adults' Engagement With a Video Game Training Program. Activities, Adaptation and Aging, 2012, 36, 269-279.	2.4	49
92	Cognitive stimulation to improve cognitive functioning in people with dementia. The Cochrane Library, 2012, , CD005562.	2.8	443
93	The Influence of Playing a Non-Reward Game on Motor Ability and Executive Function in Parkinson's Disease. Behavioural Neurology, 2012, 25, 119-125.	2.1	2

#	Article	IF	CITATIONS
94	Examining neural correlates of skill acquisition in a complex videogame training program. Frontiers in Human Neuroscience, 2012, 6, 115.	2.0	20
95	An Investigation of Response and Stimulus Modality Transfer Effects after Dual-Task Training in Younger and Older. Frontiers in Human Neuroscience, 2012, 6, 129.	2.0	65
96	Training-Induced Improvement of Response Selection and Error Detection in Aging Assessed by Task Switching: Effects of Cognitive, Physical, and Relaxation Training. Frontiers in Human Neuroscience, 2012, 6, 130.	2.0	83
97	Online games training aging brains: limited transfer to cognitive control functions. Frontiers in Human Neuroscience, 2012, 6, 221.	2.0	86
98	Working Memory and Intelligence: A Brief Review. Journal of Educational and Developmental Psychology, 2012, 2, .	0.2	5
99	Low diversity and low frequency of participation in leisure activities compromise working memory efficiency in young adults. Acta Psychologica, 2012, 139, 91-96.	1.5	11
100	Performance gains from directed training do not transfer to untrained tasks. Acta Psychologica, 2012, 139, 146-158.	1.5	60
101	Going to town: Visualized perspectives and navigation through virtual environments. Computers in Human Behavior, 2012, 28, 257-266.	8.5	36
102	Individual differences in response to cognitive training: Using a multi-modal, attentionally demanding game-based intervention for older adults. Computers in Human Behavior, 2012, 28, 1091-1096.	8.5	112
103	Are strategies necessary to improve memory?. Journal of Applied Research in Memory and Cognition, 2012, 1, 56-57.	1.1	4
104	No evidence of intelligence improvement after working memory training: A randomized, placebo-controlled study Journal of Experimental Psychology: General, 2013, 142, 359-379.	2.1	503
105	More Than Just Fun and Games: The Longitudinal Relationships Between Strategic Video Games, Self-Reported Problem Solving Skills, and Academic Grades. Journal of Youth and Adolescence, 2013, 42, 1041-1052.	3.5	188
106	Cognitive Enhancement. Trends in Augmentation of Human Performance, 2013, , .	0.4	34
107	Cognitive Reserve: Implications for Assessment and Intervention. Folia Phoniatrica Et Logopaedica, 2013, 65, 49-54.	1.1	120
108	Exploring the effectiveness of commercial and custom-built games for cognitive training. Computers in Human Behavior, 2013, 29, 2388-2393.	8.5	21
109	Reasons for Playing Casual Video Games and Perceived Benefits Among Adults 18 to 80 Years Old. Cyberpsychology, Behavior, and Social Networking, 2013, 16, 892-897.	3.9	51
110	Usability an Important Goal for the Design of Therapeutic Games for Older Adults. Lecture Notes in Computer Science, 2013, , 358-364.	1.3	3
111	Selling points: What cognitive abilities are tapped by casual video games?. Acta Psychologica, 2013, 142, 74-86.	1.5	122

	Сітатіс	CITATION REPORT	
#	Article	IF	Citations
112	Use it and boost it with physical and mental activity. Hippocampus, 2013, 23, 1125-1135.	1.9	39
113	Efficiency, capacity, compensation, maintenance, plasticity: emerging concepts in cognitive reserve. Trends in Cognitive Sciences, 2013, 17, 502-509.	7.8	683
114	Visuospatial attention abilities in the action and real time strategy video game players as compared with nonplayers. , 2013, , .		1
115	Design Recommendations for Digital Game Design within an Ageing Society. Educational Gerontology, 2013, 39, 103-118.	1.3	50
116	Effects of working memory training in young and old adults. Memory and Cognition, 2013, 41, 611-624.	1.6	88
117	Video game training to improve selective visual attention in older adults. Computers in Human Behavior, 2013, 29, 1318-1324.	8.5	122
118	Cognitive training and selective attention in the aging brain: An electrophysiological study. Clinical Neurophysiology, 2013, 124, 2198-2208.	1.5	71
119	Cognitive interventions in healthy older adults and people with mild cognitive impairment: A systematic review. Ageing Research Reviews, 2013, 12, 263-275.	10.9	344
120	Crosswords to Computers: A Critical Review of Popular Approaches to Cognitive Enhancement. Neuropsychology Review, 2013, 23, 13-26.	4.9	42
121	Effects of a computer-based cognitive exercise program on age-related cognitive decline. Archives of Gerontology and Geriatrics, 2013, 57, 1-7.	3.0	69
122	Effects of video-game play on information processing: A meta-analytic investigation. Psychonomic Bulletin and Review, 2013, 20, 1055-1079.	2.8	252
123	Brain Training Game Boosts Executive Functions, Working Memory and Processing Speed in the Young Adults: A Randomized Controlled Trial. PLoS ONE, 2013, 8, e55518.	2.5	176
124	Successful aging through digital games: Socioemotional differences between older adult gamers and Non-gamers. Computers in Human Behavior, 2013, 29, 1302-1306.	8.5	110
125	Non-pharmacological cognitive enhancement. Neuropharmacology, 2013, 64, 529-543.	4.1	139
126	Cognitive Ability Predicts Older Adult Performance in a Complex Task but is Moderated by Social Interaction. Proceedings of the Human Factors and Ergonomics Society, 2013, 57, 1740-1744.	0.3	1
128	The malleability of spatial skills: A meta-analysis of training studies Psychological Bulletin, 2013, 139, 352-402.	6.1	1,171
129	Video Games and Rehabilitation. Journal of Neurologic Physical Therapy, 2013, 37, 166-175.	1.4	225
130	Lifestyle change and the prevention of cognitive decline and dementia. Current Opinion in Psychiatry, 2013, 26, 239-243.	6.3	52

#	Article	IF	CITATIONS
131	Time Course and Cost of Misdirecting Auditory Spatial Attention in Younger and Older Adults. Ear and Hearing, 2013, 34, 711-721.	2.1	14
132	How Navigational Aids Impair Spatial Memory: Evidence for Divided Attention. Spatial Cognition and Computation, 2013, 13, 319-350.	1.2	97
133	Play style: Showing your age. , 2013, , .		10
134	Extending the Reach of an Evidence-Based Theatrical Intervention. Experimental Aging Research, 2013, 398-418.	1.2	20
135	The Players They are A-Changin': The Rise of Older MMO Gamers. Journal of Broadcasting and Electronic Media, 2013, 57, 205-223.	1.5	15
136	Novelty Interventions to Enhance Broad Cognitive Abilities and Prevent Dementia. Progress in Brain Research, 2013, 207, 403-434.	1.4	110
137	Cognitive activities and cognitive performance in middle-aged adults at risk for Alzheimer's disease Psychology and Aging, 2013, 28, 1004-1014.	1.6	50
138	ONLINE COGNITIVE BRAIN TRAINING ASSOCIATED WITH MEASURABLE IMPROVEMENTS IN COGNITION AND EMOTIONAL WELL-BEING. Technology and Innovation, 2013, 15, 53-62.	0.2	11
139	Video Games as a Means to Reduce Age-Related Cognitive Decline: Attitudes, Compliance, and Effectiveness. Frontiers in Psychology, 2013, 4, 31.	2.1	134
140	Competitive and Professional Gaming. International Journal of Cyber Behavior, Psychology and Learning, 2013, 3, 67-77.	0.2	29
141	Enhancing Cognition with Video Games: A Multiple Game Training Study. PLoS ONE, 2013, 8, e58546.	2.5	302
142	Perceptual-Cognitive Expertise in Elite Volleyball Players. Frontiers in Psychology, 2013, 4, 36.	2.1	89
143	What would my avatar do? Gaming, pathology, and risky decision making. Frontiers in Psychology, 2013, 4, 609.	2.1	53
144	The virtual brain: 30 years of video-game play and cognitive abilities. Frontiers in Psychology, 2013, 4, 629.	2.1	85
145	Just how expert are "expert―video-game players? Assessing the experience and expertise of video-game players across "action―video-game genres. Frontiers in Psychology, 2013, 4, 941.	2.1	34
146	Does combined cognitive training and physical activity training enhance cognitive abilities more than either alone? A four-condition randomized controlled trial among healthy older adults. Frontiers in Aging Neuroscience, 2013, 5, 8.	3.4	171
147	Positive Association of Video Game Playing with Left Frontal Cortical Thickness in Adolescents. PLoS ONE, 2014, 9, e91506.	2.5	70
148	Cognitive training with casual video games: points to consider. Frontiers in Psychology, 2014, 4, 1010.	2.1	88

#	Article	IF	CITATIONS
149	Cognitive enhancement through action video game training: great expectations require greater evidence. Frontiers in Psychology, 2014, 5, 136.	2.1	36
150	Uncovering mechanisms in video game research: suggestions from the expert-performance approach. Frontiers in Psychology, 2014, 5, 161.	2.1	15
151	Game-based cognitive training for the aging brain. Frontiers in Psychology, 2014, 5, 1100.	2.1	13
152	Neuropsychological mechanisms of falls in older adults. Frontiers in Aging Neuroscience, 2014, 6, 64.	3.4	30
153	The drive-wise project: driving simulator training increases real driving performance in healthy older drivers. Frontiers in Aging Neuroscience, 2014, 6, 85.	3.4	73
154	Brain training with non-action video games enhances aspects of cognition in older adults: a randomized controlled trial. Frontiers in Aging Neuroscience, 2014, 6, 277.	3.4	122
155	Videogame interventions and spatial ability interactions. Frontiers in Human Neuroscience, 2014, 8, 183.	2.0	12
156	Are videogame training gains specific or general?. Frontiers in Systems Neuroscience, 2014, 8, 54.	2.5	55
157	Effects of non-pharmacological or pharmacological interventions on cognition and brain plasticity of aging individuals. Frontiers in Systems Neuroscience, 2014, 8, 153.	2.5	36
158	Serious games: supporting occupational engagement of people based on intelligent tutoring systems aged 50+. Ingeniare, 2014, 22, 125-139.	0.3	4
159	Aging in Digital Places. , 2014, , 1-9.		1
160	Not Just Scenery: Viewing Nature Pictures Improves Executive Attention in Older Adults. Experimental Aging Research, 2014, 40, 513-530.	1.2	82
161	Executive process training in young and old adults. Aging, Neuropsychology, and Cognition, 2014, 21, 577-605.	1.3	43
162	Computerized Cognitive Training in Cognitively Healthy Older Adults: A Systematic Review and Meta-Analysis of Effect Modifiers. PLoS Medicine, 2014, 11, e1001756.	8.4	677
163	A new adaptive videogame for training attention and executive functions: design principles and initial validation. Frontiers in Psychology, 2014, 5, 409.	2.1	34
164	Executive control training from middle childhood to adolescence. Frontiers in Psychology, 2014, 5, 390.	2.1	216
165	Training versus engagement as paths to cognitive enrichment with aging Psychology and Aging, 2014, 29, 891-906.	1.6	88
166	The need for a Real Time Strategy game language. , 2014, , .		0

#	Article	IF	CITATIONS
167	Spatial perception orientation task (SPOT). , 2014, , .		2
169	Game-Based Community Cognitive Health Intervention for Minority and Lower Socioeconomic Status Older Adults: A Feasibility Pilot Study. Games for Health Journal, 2014, 3, 303-310.	2.0	1
170	A theoretical framework for cognitive and non-cognitive interventions for older adults: stimulation versus compensation. Aging and Mental Health, 2014, 18, 304-315.	2.8	26
171	Brain training: rationale, methods, and pilot data for a specific visuomotor/visuospatial activity program to change progressive cognitive decline. Brain and Behavior, 2014, 4, 171-179.	2.2	6
172	Stepping Into a Map: Initial Heading Direction Influences Spatial Memory Flexibility. Cognitive Science, 2014, 38, 275-302.	1.7	19
173	Making Working Memory Work: A Meta-Analysis of Executive-Control and Working Memory Training in Older Adults. Psychological Science, 2014, 25, 2027-2037.	3.3	463
174	Know before you go. , 2014, , .		9
175	Neurophysiological methods for monitoring brain activity in serious games and virtual environments: a review. International Journal of Technology Enhanced Learning, 2014, 6, 78.	0.7	35
176	Using Popular Commercial Video Games in Therapy with Children and Adolescents. Journal of Technology in Human Services, 2014, 32, 201-219.	1.6	14
177	A Cognitive-Balance Control Training Paradigm Using Wii Fit to Reduce Fall Risk in Chronic Stroke Survivors. Journal of Neurologic Physical Therapy, 2014, 38, 216-225.	1.4	28
178	Buying time: a rationale for examining the use of circadian rhythm and sleep interventions to delay progression of mild cognitive impairment to Alzheimerââ,¬â"¢s disease. Frontiers in Aging Neuroscience, 2014, 6, 325.	3.4	72
179	The Impact of Sustained Engagement on Cognitive Function in Older Adults. Psychological Science, 2014, 25, 103-112.	3.3	305
180	Only social feedback reduces age-related prospective memory deficits in "Virtual Week― International Psychogeriatrics, 2014, 26, 759-767.	1.0	7
181	Personality plasticity, healthy aging, and interventions Developmental Psychology, 2014, 50, 1470-1474.	1.6	73
182	Video game training enhances cognition of older adults: A meta-analytic study Psychology and Aging, 2014, 29, 706-716.	1.6	232
183	Amount of lifetime video gaming is positively associated with entorhinal, hippocampal and occipital volume. Molecular Psychiatry, 2014, 19, 842-847.	7.9	131
184	Meditation in the Higher-Education Classroom: Meditation Training Improves Student Knowledge Retention during Lectures. Mindfulness, 2014, 5, 431-441.	2.8	77
185	A review of physical and cognitive interventions in aging. Neuroscience and Biobehavioral Reviews, 2014, 44, 206-220.	6.1	295

#	Article	IF	Citations
186	The role of individual differences in cognitive training and transfer. Memory and Cognition, 2014, 42, 464-480.	1.6	345
187	The impact of cognitive training and mental stimulation on cognitive and everyday functioning of healthy older adults: A systematic review and meta-analysis. Ageing Research Reviews, 2014, 15, 28-43.	10.9	362
188	Playing Super Mario induces structural brain plasticity: gray matter changes resulting from training with a commercial video game. Molecular Psychiatry, 2014, 19, 265-271.	7.9	316
189	Personalization of Serious Video Games for Self Care in Aging. IEEE Latin America Transactions, 2014, 12, 484-490.	1.6	1
190	Memory intervention: the value of a clinical holistic program for older adults with memory impairments. Aging and Mental Health, 2014, 18, 169-178.	2.8	13
191	On the validity and generality of transfer effects in cognitive training research. Psychological Research, 2014, 78, 773-789.	1.7	123
192	Are serious video games something more than a game? A review on the effectiveness of serious games to facilitate intergenerational learning. Education and Information Technologies, 2014, 19, 515-529.	5.7	27
193	Feasibility and Efficacy of Intensive Cognitive Training in Early-Stage Alzheimer's Disease. American Journal of Alzheimer's Disease and Other Dementias, 2014, 29, 150-158.	1.9	18
194	Neurocognitive enhancement in older adults: Comparison of three cognitive training tasks to test a hypothesis of training transfer in brain connectivity. NeuroImage, 2014, 85, 1027-1039.	4.2	114
195	Inhibitory control gains from higher-order cognitive strategy training. Brain and Cognition, 2014, 84, 44-62.	1.8	23
196	Does driving experience in video games count? Hazard anticipation and visual exploration of male gamers as function of driving experience. Transportation Research Part F: Traffic Psychology and Behaviour, 2014, 22, 76-85.	3.7	24
197	Playing a puzzle video game with changing requirements improves executive functions. Computers in Human Behavior, 2014, 37, 216-228.	8.5	62
198	Multimedia Learning with Computer Games. , 2014, , 762-784.		11
199	Rehabilitation Gaming. Advances in Human and Social Aspects of Technology Book Series, 2014, , 122-147.	0.3	5
200	Evaluating the relationship between change in performance on training tasks and on untrained outcomes. Frontiers in Human Neuroscience, 2014, 8, 617.	2.0	14
201	The older player of digital games: A classification based on perceived need satisfaction. Communications: the European Journal of Communication Research, 2014, 39, .	0.5	48
202	The malleability of working memory and visuospatial skills: A randomized controlled study in older adults Developmental Psychology, 2014, 50, 1049-1059.	1.6	86
203	Information Technology for Active Ageing: A Review of Theory and Practice. Foundations and Trends in Human-Computer Interaction, 2014, 7, 351-444.	2.9	18

#	Article	IF	CITATIONS
204	Aerobic and Cognitive Exercise (ACE) Pilot Study for Older Adults: Executive Function Improves with Cognitive Challenge While Exergaming. Journal of the International Neuropsychological Society, 2015, 21, 768-779.	1.8	81
205	Towards the Identification of Players' Profiles Using Game's Data Analysis Based on Regression Model and Clustering. , 2015, , .		10
206	Model-Based Evaluation of Playing Strategies in a Memo Game for Elderly Users. , 2015, , .		27
207	Healthy Aging through Pervasive Predictive Analytics for Prevention and Rehabilitation of Chronic Conditions. , 2015, , .		3
208	Personality's association with IADLs in community dwelling older adults. International Journal of Geriatric Psychiatry, 2015, 30, 950-956.	2.7	7
213	Background Music Matters: Why Strategy Video Game Increased Cognitive Control. Journal of Biomusical Engineering, 2015, 03, .	0.0	0
214	Video game training and the reward system. Frontiers in Human Neuroscience, 2015, 9, 40.	2.0	54
215	A randomized controlled trial of brain training with non-action video games in older adults: results of the 3-month follow-up. Frontiers in Aging Neuroscience, 2015, 7, 45.	3.4	51
216	Multi-domain training in healthy old age: Hotel Plastisse as an iPad-based serious game to systematically compare multi-domain and single-domain training. Frontiers in Aging Neuroscience, 2015, 7, 137.	3.4	31
217	How to build better memory training games. Frontiers in Systems Neuroscience, 2014, 8, 243.	2.5	65
218	Enhancing multiple object tracking performance with noninvasive brain stimulation: a causal role for the anterior intraparietal sulcus. Frontiers in Systems Neuroscience, 2015, 9, 3.	2.5	17
219	Educational games for brain health: revealing their unexplored potential through a neurocognitive approach. Frontiers in Psychology, 2015, 6, 1056.	2.1	19
220	Pills or Push-Ups? Effectiveness and Public Perception of Pharmacological and Non-Pharmacological Cognitive Enhancement. Frontiers in Psychology, 2015, 6, 1852.	2.1	33
221	Computerized Cognitive Training for Major Depressive Disorder: What's Next?. Frontiers in Psychiatry, 2015, 6, 137.	2.6	18
222	Probing Plasticity of Attention and Working Memory Processes Induced by Video Game Play. , 0, , 148-174.		0
223	Efeitos do treino com jogos de videogame na cognição de idosos: revisão sistemática. Scientia Medica, 2015, 25, 21636.	0.3	1
224	The effects of video-game training on broad cognitive transfer in multiple sclerosis: A pilot randomized controlled trial. Journal of Clinical and Experimental Neuropsychology, 2015, 37, 285-302.	1.3	11
225	A case control study of association between cognition and functional capacity in schizophrenia. Schizophrenia Research, 2015, 169, 165-168.	2.0	3

#	Article	IF	Citations
226	Virtual reality and serious games for rehabilitation. , 2015, , .		1
227	Immersive Technology and the Elderly: A Mini-Review. Gerontology, 2015, 61, 175-185.	2.8	16
228	Exercise Training and Recreational Activities to Promote Executive Functions in Chronic Stroke: A Proof-of-concept Study. Journal of Stroke and Cerebrovascular Diseases, 2015, 24, 130-137.	1.6	63
229	The influence of video games on executive functions in college students. Computers in Human Behavior, 2015, 45, 228-234.	8.5	44
231	On the impact of new technologies on multitasking. Developmental Review, 2015, 35, 98-112.	4.7	28
232	The Relationship Between Cognitive Reserve and Functional Ability is Mediated by Executive Functioning in Older Adults. Clinical Neuropsychologist, 2015, 29, 67-81.	2.3	29
233	Executive Function and Action Gaming among College Students. Current Psychology, 2015, 34, 376-388.	2.8	1
234	Action video game players' visual search advantage extends to biologically relevant stimuli. Acta Psychologica, 2015, 159, 93-99.	1.5	24
235	Maintaining older brain functionality: A targeted review. Neuroscience and Biobehavioral Reviews, 2015, 55, 453-477.	6.1	171
237	Comparison of children's gaming scores to NEPSY-II scores: Validation of computer games as cognitive tools. Computers in Human Behavior, 2015, 49, 487-498.	8.5	21
238	Accessibility in Serious Games for Adults Aging with Disability. Lecture Notes in Computer Science, 2015, , 61-71.	1.3	2
239	Real-Time Strategy Video Game Experience and Visual Perceptual Learning. Journal of Neuroscience, 2015, 35, 10485-10492.	3.6	47
240	Experimental Evaluation of Near―and Farâ€Transfer Effects of an Adaptive Multicomponent Working Memory Training. Applied Cognitive Psychology, 2015, 29, 502-514.	1.6	11
241	The effect of computer-based cognitive flexibility training on recovery of executive function after stroke: rationale, design and methods of the TAPASS study. BMC Neurology, 2015, 15, 144.	1.8	21
242	Navigational Aids and Spatial Memory Impairment: The Role of Divided Attention. Spatial Cognition and Computation, 2015, 15, 246-284.	1.2	51
243	Successful aging: Advancing the science of physical independence in older adults. Ageing Research Reviews, 2015, 24, 304-327.	10.9	172
244	Casual Video Games as Training Tools for Attentional Processes in Everyday Life. Cyberpsychology, Behavior, and Social Networking, 2015, 18, 654-660.	3.9	23
245	Past Our Prime: A Study of Age and Play Style Development in Battlefield 3. IEEE Transactions on Games, 2015, 7, 292-303.	1.4	12

# 246	ARTICLE Gaming for Health. Journal of Applied Gerontology, 2015, 34, NP166-NP189.	IF 2.0	Citations
247	The Impacts of Video Games on Cognition (and How the Government Can Guide the Industry). Policy Insights From the Behavioral and Brain Sciences, 2015, 2, 101-110.	2.4	53
248	Social Anxiety and Mindfulness in Online Gamers. The Computer Games Journal, 2015, 4, 123-132.	1.0	6
249	Video games, cognitive exercises, and the enhancement of cognitive abilities. Current Opinion in Behavioral Sciences, 2015, 4, 160-165.	3.9	104
250	Different Types of Sedentary Activities and Their Association With Perceived Health and Wellness Among Middle-Aged and Older Adults: A Cross-Sectional Analysis. American Journal of Health Promotion, 0, , 150709150949009.	1.7	0
251	Teaching Social Studies with Video Games. The Social Studies, 2015, 106, 32-36.	0.7	15
252	Cognitive enhancement in video game players: The role of video game genre. Computers in Human Behavior, 2015, 44, 59-63.	8.5	92
253	Improving fluid intelligence with training on working memory: a meta-analysis. Psychonomic Bulletin and Review, 2015, 22, 366-377.	2.8	514
254	Training Older Adults to Use Tablet Computers: Does It Enhance Cognitive Function?. Gerontologist, The, 2016, 56, 475-484.	3.9	148
255	Development of a cognitive training program for the elderly. Revista Brasileira De Geriatria E Gerontologia, 2016, 19, 769-785.	0.3	11
256	Benefits of game-based leisure activities in normal aging and dementia. Psychologie & Neuropsychiatrie Du Vieillissement, 2016, 14, 420-428.	0.2	9
257	A large scale test of the gaming-enhancement hypothesis. PeerJ, 2016, 4, e2710.	2.0	3
258	Cognitive Training in Later Adulthood. , 2016, , 219-243.		13
259	Cognitive executive abilities in aging and everyday life. , 2016, , 235-244.		0
260	Editorial: Effects of Game and Game-Like Training on Neurocognitive Plasticity. Frontiers in Human Neuroscience, 2016, 10, 123.	2.0	5
261	Video Game Training Enhances Visuospatial Working Memory and Episodic Memory in Older Adults. Frontiers in Human Neuroscience, 2016, 10, 206.	2.0	91
262	Reading Aloud and Solving Simple Arithmetic Calculation Intervention (Learning Therapy) Improves Inhibition, Verbal Episodic Memory, Focus Attention and Processing Speed in Healthy Elderly People: Evidence from a Randomized Controlled Trial. Frontiers in Human Neuroscience, 2016, 10, 217.	2.0	30
263	Driving Simulator Training Is Associated with Reduced Inhibitory Workload in Older Drivers. Geriatrics (Switzerland), 2016, 1, 16.	1.7	13

ARTICLE IF CITATIONS # Technology, Gaming, and Social Networking., 2016, , 389-407. 53 264 To Switch or Not to Switch: Role of Cognitive Control in Working Memory Training in Older Adults. 2.1 Frontiers in Psychology, 2016, 7, 230. Action Video Game Training for Healthy Adults: A Meta-Analytic Study. Frontiers in Psychology, 2016, 7, 266 2.1 106 907. A pilot study of cognitive training with and without transcranial direct current stimulation to improve cognition in older persons with HIV-related cognitive impairment. Neuropsychiatric Disease and Treatment, 2016, Volume 12, 2745-2754. Cognitive interventions in Alzheimer's and Parkinson's diseases: emerging mechanisms and role of 268 3.6 16 imaging. Current Opinion in Neurology, 2016, 29, 405-411. Human Aspects of IT for the Aged Population. Healthy and Active Aging. Lecture Notes in Computer 1.3 Science, 2016, , . Understanding the Wii Exergames Use: Voices from Assisted Living Residents. Rehabilitation Nursing, 270 0.5 9 2016, 41, 279-288. 271 Cognitive Aging., 0, , . Physical and Cognitive Stimulation Using an Exergame in Subjects with Normal Aging, Mild and 272 2.6 69 Móderate Cognitive Impairment. Journal of Alzheimer's Disease, 2016, 53, 1299-1314. Conclusions about interventions, programs, and approaches for improving executive functions that appear justified and those that, despite much hype, do not. Developmental Cognitive Neuroscience, 2016, 18, 34-48. A simultaneous examination of two forms of working memory training: Evidence for near transfer 274 1.6 68 only. Memory and Cognition, 2016, 44, 1014-1037. Do "Brain-Training―Programs Work?. Psychological Science in the Public Interest: A Journal of the 810 American Psychological Society, 2016, 17, 103-186. Computerized Cognitive Training Programs Improving Memory Performance in Healthy Older Adults: A 276 2.2 0 Systematic Review and Meta-Analysis. Research in Complementary Medicine, 2016, , . Older Adults' Engagement During an Intervention Involving Off-the-Shelf Videogame. Games for Health Journal, 2016, 5, 151-156 The beneficial effects of cognitive training with simple calculation and reading aloud in an elderly 278 1.6 16 postsurgical population: study protocol for a randomized controlled trial. Trials, 2016, 17, 334. Different Types of Sedentary Activities and Their Association With Perceived Health and Wellness 280 Among Middle-Aged and Older Adults. American Journal of Health Promotion, 2016, 30, 314-322. Older Adults' Digital Gameplay. Simulation and Gaming, 2016, 47, 465-489. 281 1.9 58 Play and Productivity. Games and Culture, 2016, 11, 7-27. 2.8 19

# 283	ARTICLE Age-specific differences of dual <i>n</i> -back training. Aging, Neuropsychology, and Cognition, 2016, 23, 18-39.	IF 1.3	CITATIONS
284	Physical and Cognitive Impacts of Digital Games on Older Adults. Journal of Applied Gerontology, 2016, 35, 1189-1210.	2.0	51
285	Does Digital Gaming Enable Healthy Aging for Community-Dwelling People With Dementia?. Games and Culture, 2016, 11, 104-129.	2.8	48
286	Older Adult Video Game Preferences in Practice. Games and Culture, 2016, 11, 170-200.	2.8	11
287	Cognitive Enhancement. , 2016, , .		7
288	A relational frame skills training intervention to increase general intelligence and scholastic aptitude. Learning and Individual Differences, 2016, 47, 222-235.	2.7	61
289	Age matters: The effect of onset age of video game play on task-switching abilities. Attention, Perception, and Psychophysics, 2016, 78, 1125-1136.	1.3	28
290	Perceptions of Sedentary Behavior Among Socially Engaged Older Adults. Gerontologist, The, 2017, 57, gnv689.	3.9	23
291	Cognitive Training Program to Improve Working Memory in Older Adults with MCI. Clinical Gerontologist, 2016, 39, 410-427.	2.2	67
292	Effects of Gender on Perception and Interpretation of Video Game Character Behavior and Emotion. IEEE Transactions on Games, 2017, 9, 333-341.	1.4	6
294	The Hippocampus from Cells to Systems. , 2017, , .		18
295	Brain metabolism in health, aging, andÂneurodegeneration. EMBO Journal, 2017, 36, 1474-1492.	7.8	467
296	A survey of video game preferences in adults: Building better games for older adults. Entertainment Computing, 2017, 21, 45-64.	2.9	49
297	Try to look on the bright side: Children and adults can (sometimes) override their tendency to prioritize negative faces Journal of Experimental Psychology: General, 2017, 146, 89-101.	2.1	19
298	Beyond Smell-O-Vision: Possibilities for Smell-Based Digital Media. Simulation and Gaming, 2017, 48, 455-479.	1.9	20
299	Cognitive Training in the Elderly: Bottlenecks and New Avenues. Journal of Cognitive Neuroscience, 2017, 29, 1473-1482.	2.3	30
300	Age-Related Cognitive Effects of Videogame Playing Across the Adult Life span. Games for Health Journal, 2017, 6, 237-248.	2.0	14
301	Cognitive Training and Noninvasive Brain Stimulation for Cognition in Parkinson's Disease: A Meta-analysis. Neurorehabilitation and Neural Repair, 2017, 31, 597-608.	2.9	57

#	Article	IF	CITATIONS
302	The Changing Face of Video Games and Video Gamers: Future Directions in the Scientific Study of Video Game Play and Cognitive Performance. Journal of Cognitive Enhancement: Towards the Integration of Theory and Practice, 2017, 1, 280-294.	1.6	66
303	Effects of Visual Game Experience on Auditory Processing Speed. Cyberpsychology, Behavior, and Social Networking, 2017, 20, 187-194.	3.9	4
304	ls computer gaming associated with cognitive abilities? A population study among German adolescents. Intelligence, 2017, 61, 19-28.	3.0	16
305	Evaluating the relationship between white matter integrity, cognition, and varieties of video game learning. Restorative Neurology and Neuroscience, 2017, 35, 437-456.	0.7	19
306	Effects of Cognitive Training on Cognitive Performance of Healthy Older Adults. Spanish Journal of Psychology, 2017, 20, E39.	2.1	10
307	Can Mobile Digital Games Benefit Older Adults' Health?. Human-computer Interaction Series, 2017, , 115-146.	0.6	4
308	Digital Game Technology and Older Adults. Human-computer Interaction Series, 2017, , 149-171.	0.6	6
309	Learning executive function skills by playing focused video games. Contemporary Educational Psychology, 2017, 51, 141-151.	2.9	58
310	Non-Digital Game Playing by Older Adults. Canadian Journal on Aging, 2017, 36, 342-350.	1.1	8
311	Self-guided strategy-adaption training for older adults: Transfer effects to everyday tasks. Archives of Gerontology and Geriatrics, 2017, 72, 91-98.	3.0	12
312	Associations Between Avid Action and Real-Time Strategy Game Play and Cognitive Performance: a Pilot Study. Journal of Cognitive Enhancement: Towards the Integration of Theory and Practice, 2017, 1, 295-317.	1.6	27
313	Computerized tabletop games as a form of a video game training for old-old. Aging, Neuropsychology, and Cognition, 2017, 24, 631-648.	1.3	9
314	Number processing ability is connected to longitudinal changes in multiplayer online battle arena skill. Computers in Human Behavior, 2017, 66, 377-387.	8.5	20
315	Assessment of computer-based training packages to improve the safety of older people's driver behaviour. Transportation Planning and Technology, 2017, 40, 64-79.	2.0	8
316	Uncovering the association between strategy video games and self-regulation: A correlational study. Personality and Individual Differences, 2017, 104, 129-136.	2.9	20
317	Feasibility of online self-administered cognitive training in moderate–severe brain injury. Disability and Rehabilitation, 2017, 39, 1380-1390.	1.8	11
318	Neuropsychological Benefits of Neuro-Exergaming for Older Adults: A Pilot Study of an Interactive Physical and Cognitive Exercise System (iPACES). Journal of Aging and Physical Activity, 2017, 25, 73-83.	1.0	39
319	Mobile e-Health. Human-computer Interaction Series, 2017, , .	0.6	5

#	Article	IF	CITATIONS
320	Benefits of "Smart Ageing―Interventions Using Cognitive Training, Brain Training Games, Exercise, and Nutrition Intake for Aged Memory Functions in Healthy Elderly People. , 2017, , 269-280.		6
322	Examining the Roles of Reasoning and Working Memory in Predicting Casual Game Performance across Extended Gameplay. Frontiers in Psychology, 2017, 8, 203.	2.1	8
323	Effects of Video Game Training on Measures of Selective Attention and Working Memory in Older Adults: Results from a Randomized Controlled Trial. Frontiers in Aging Neuroscience, 2017, 9, 354.	3.4	49
324	Neural Basis of Enhanced Executive Function in Older Video Game Players: An fMRI Study. Frontiers in Aging Neuroscience, 2017, 9, 382.	3.4	26
325	Cognitive Flexibility Training: A Large-Scale Multimodal Adaptive Active-Control Intervention Study in Healthy Older Adults. Frontiers in Human Neuroscience, 2017, 11, 529.	2.0	45
326	The effect of cognitive-based training for the healthy older people: A meta-analysis of randomized controlled trials. PLoS ONE, 2017, 12, e0176742.	2.5	97
327	Effects of computerized cognitive training on neuroimaging outcomes in older adults: a systematic review. BMC Geriatrics, 2017, 17, 139.	2.7	64
328	Jigsaw Puzzles As Cognitive Enrichment (PACE) - the effect of solving jigsaw puzzles on global visuospatial cognition in adults 50 years of age and older: study protocol for a randomized controlled trial. Trials, 2017, 18, 415.	1.6	8
329	Interventional programmes to improve cognition during healthy and pathological ageing: Cortical modulations and evidence for brain plasticity. Ageing Research Reviews, 2018, 43, 81-98.	10.9	72
330	Effects of task complexity and age-differences on task-related functional connectivity of attentional networks. Neuropsychologia, 2018, 114, 50-64.	1.6	32
331	Study protocol for Vitality: a proof-of-concept randomised controlled trial of exercise training or complex mental and social activities to promote cognition in adults with chronic stroke. BMJ Open, 2018, 8, e021490.	1.9	14
332	Age-related differences in BOLD modulation to cognitive control costs in a multitasking paradigm: Global switch, local switch, and compatibility-switch costs. NeuroImage, 2018, 172, 146-161.	4.2	26
333	Game-based training of flexibility and attention improves task-switch performance: near and far transfer of cognitive training in an EEG study. Psychological Research, 2018, 82, 186-202.	1.7	52
334	Similar Task-Switching Performance of Real-Time Strategy and First-Person Shooter Players: Implications for Cognitive Training. Journal of Cognitive Enhancement: Towards the Integration of Theory and Practice, 2018, 2, 240-258.	1.6	4
335	Perspective taking and decision-making in educational game play: A mixed-methods study. Applied Developmental Science, 2018, 22, 1-13.	1.7	34
336	Efficacy of a computer-based cognitive training program in older people with subjective memory complaints: a randomized study. International Journal of Neuroscience, 2018, 128, 1-9.	1.6	26
337	The moderating effects of aging and cognitive abilities on the association between work stress and negative affect. Aging and Mental Health, 2018, 22, 611-618.	2.8	13
338	Examining Transfer Effects of Dual-Task Training Protocols for a Complex Locomotor Task. Journal of Motor Behavior, 2018, 50, 177-193.	0.9	2

#	Article	IF	CITATIONS
339	Improving high school students' executive functions through digital game play. Computers and Education, 2018, 117, 50-58.	8.3	60
340	Higher-order cognitive training effects on processing speed–related neural activity: a randomized trial. Neurobiology of Aging, 2018, 62, 72-81.	3.1	39
341	Depth-Sensor Applications for the Elderly: A Viable Option to Promote a Better Quality of Life. IEEE Consumer Electronics Magazine, 2018, 7, 47-56.	2.3	7
342	Impact of video games on plasticity of the hippocampus. Molecular Psychiatry, 2018, 23, 1566-1574.	7.9	80
343	Play, Learn, Connect: Older Adults' Experience With a Multiplayer, Educational, Digital Bingo Game. Journal of Educational Computing Research, 2018, 56, 675-700.	5.5	14
344	Method in the madness. , 2018, , .		7
345	Non-action Video Game Training Ameliorates Cognitive Decline Associated with Sleep Disturbance. Sleep and Vigilance, 2018, 2, 157-165.	0.8	8
346	No Limit: A Down Syndrome Children Educational Game. , 2018, , .		8
347	Cognitive games for children's Executive Functions Training with or without learning difficulties. , 2018, , .		8
348	Efficacy of video game-based interventions for active aging. A systematic literature review and meta-analysis. PLoS ONE, 2018, 13, e0208192.	2.5	43
349	How to play 20 questions with nature and lose: Reflections on 100 years of brain-training research. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, 9897-9904.	7.1	49
350	Move the Object or Move Myself? Walking vs. Manipulation for the Examination of 3D Scientific Data. Frontiers in ICT, 2018, 5, .	3.6	22
351	How younger elderly realize usefulness of cognitive training video games to maintain their independent living. International Journal of Information Management, 2018, 42, 1-12.	17.5	15
352	Growing Older. , 2018, , 175-198.		2
353	Bringing older drivers up to speed with technology. , 2018, , 81-111.		0
354	Virtual cognitive training in healthy aging and mild cognitive impairment. , 2018, , 215-235.		5
355	Exercise Intervention Associated with Cognitive Improvement in Alzheimer's Disease. Neural Plasticity, 2018, 2018, 1-10.	2.2	81
356	Can Driving-Simulator Training Enhance Visual Attention, Cognition, and Physical Functioning in Older Adults?. Journal of Aging Research, 2018, 2018, 1-9.	0.9	19

#	Article	IF	CITATIONS
357	The Influence of Video Game Training with and without Subpatelar Bandage in Mobility and Gait Speed on Elderly Female Fallers. Journal of Aging Research, 2018, 2018, 1-6.	0.9	6
358	Aging brain: the effect of combined cognitive and physical training on cognition as compared to cognitive and physical training alone – a systematic review. Clinical Interventions in Aging, 2018, Volume 13, 1267-1301.	2.9	103
359	Towards a Virtual Reality Cognitive Training System for Mild Cognitive Impairment and Alzheimer's Disease Patients. , 2018, , .		7
360	Environmental Enrichment and Successful Aging. Frontiers in Behavioral Neuroscience, 2018, 12, 155.	2.0	43
361	Targeted training: Converging evidence against the transferable benefits of online brain training on cognitive function. Neuropsychologia, 2018, 117, 541-550.	1.6	22
362	Exergames Inherently Contain Cognitive Elements as Indicated by Cortical Processing. Frontiers in Behavioral Neuroscience, 2018, 12, 102.	2.0	24
363	Editorial: Cognitive and Brain Plasticity Induced by Physical Exercise, Cognitive Training, Video Games, and Combined Interventions. Frontiers in Human Neuroscience, 2018, 12, 169.	2.0	29
364	It is not rocket science. It is collaborative play for old and young!. , 2018, , .		2
365	The effects of an 8-week computerized cognitive training program in older adults: a study protocol for a randomized controlled trial. BMC Geriatrics, 2018, 18, 31.	2.7	28
366	Making an impact: The effects of game making on creativity and spatial processing. Thinking Skills and Creativity, 2018, 28, 138-149.	3.5	16
367	Making the Case for Video Game Addiction: Does It Exist or Not?. , 2018, , 41-57.		10
368	Video Game Influences on Aggression, Cognition, and Attention. , 2018, , .		4
369	Brain-Training Games Help Prevent Cognitive Decline in Older Adults. , 2018, , 151-162.		1
370	Modulation of Learning and Memory: A Shared Framework for Interference and Generalization. Neuroscience, 2018, 392, 270-280.	2.3	27
371	Can SMART Training Really Increase Intelligence? A Replication Study. Journal of Behavioral Education, 2018, 27, 509-531.	1.3	27
372	Move faster, think later: Women who play action video games have quicker visually-guided responses with later onset visuomotor-related brain activity. PLoS ONE, 2018, 13, e0189110.	2.5	22
373	Video game addiction, ADHD symptomatology, and video game reinforcement. American Journal of Drug and Alcohol Abuse, 2019, 45, 67-76.	2.1	60
374	Effects of combined intervention of physical exercise and cognitive training on cognitive function in stroke survivors with vascular cognitive impairment: a randomized controlled trial. Clinical Rehabilitation, 2019, 33, 54-63.	2.2	66

#	Article	IF	Citations
375	Acute Effects of Aerobic Exercise and Active Videogames on Cognitive Flexibility, Reaction Time, and Perceived Exertion in Older Adults. Games for Health Journal, 2019, 8, 371-379.	2.0	6
376	A critical review of research relating to the learning, use and effects of additional and multiple languages in later life. Language Teaching, 2019, 52, 419-449.	2.5	27
377	User Experience Evaluation of the REEFOCUS ADHD Management Gaming System. , 2019, , .		2
378	Older Adults' Perceptions of Video Game Training in the Intervention Comparative Effectiveness for Adult Cognitive Training (ICE-ACT) Clinical Trial: An Exploratory Analysis. Lecture Notes in Computer Science, 2019, , 125-134.	1.3	2
379	Can photobiomodulation enhance brain function in older adults?. , 2019, , 427-446.		1
380	A Large-Scale, Cross-Sectional Investigation Into the Efficacy of Brain Training. Frontiers in Human Neuroscience, 2019, 13, 221.	2.0	14
381	Aging of the frontal lobe. Handbook of Clinical Neurology / Edited By P J Vinken and G W Bruyn, 2019, 163, 369-389.	1.8	57
382	Study Protocol: Does an Acute Intervention of High-Intensity Physical Exercise Followed by a Brain Training Video Game Have Immediate Effects on Brain Activity of Older People During Stroop Task in fMRI?—A Randomized Controlled Trial With Crossover Design. Frontiers in Aging Neuroscience, 2019, 11. 260.	3.4	7
383	A novel music-based game with motion capture to support cognitive and motor function in the elderly. , 2019, , .		6
384	Brain-Derived Neurotrophic Factor: A Key Molecule for Memory in the Healthy and the Pathological Brain. Frontiers in Cellular Neuroscience, 2019, 13, 363.	3.7	740
385	Assessing the effects of a full-body motion-based exergame in virtual reality. , 2019, , .		17
386	Game-based interventions for neuropsychological assessment, training and rehabilitation: Which game-elements to use? A systematic review. Journal of Biomedical Informatics, 2019, 98, 103287.	4.3	36
388	Intrinsic Resting-State Activity in Older Adults With Video Game Experience. Frontiers in Aging Neuroscience, 2019, 11, 119.	3.4	12
389	Action Regulation Across the Lifespan. , 2019, , 179-213.		0
390	Cognitive Training and Rehabilitation in Aging and Dementia. Clinical Handbooks in Neuropsychology, 2019, , 365-387.	0.1	2
391	Mogu li videoigre osnažiti kognitivne sposobnosti?. Psihologijske Teme, 2019, 28, 507-528.	0.2	0
392	Cognitive training and neuroplasticity in mild cognitive impairment (COG-IT): protocol for a two-site, blinded, randomised, controlled treatment trial. BMJ Open, 2019, 9, e028536.	1.9	25
393	Cognitive training for people with mild to moderate dementia. The Cochrane Library, 2019, 3, CD013069.	2.8	143

#	Article	IF	Citations
394	Strategy-adaptation memory training: predictors of older adults' training gains. Open Psychology, 2019, 1, 255-272.	0.3	4
395	The Effects Video Gameplay on Memory and Need for Cognition in Adults and Older Adults. Proceedings of the Human Factors and Ergonomics Society, 2019, 63, 1610-1614.	0.3	0
396	Social Media Ethics Section 2: Ethical Research with Social Media. , 2019, , 192-207.		1
397	Intelligence in Adulthood. , 2019, , 181-204.		0
399	Cyberpsychology Theory and Praxes: Ethical and Methodological Considerations. , 2019, , 3-24.		1
400	Ethical Approaches to Cyberpsychology. , 2019, , 25-49.		1
401	Digital and Extended Selves in Cyberspace. , 2019, , 50-70.		0
402	Neuroethics and the Future of Cyberpsychology. , 2019, , 71-90.		0
403	Cyberlearning and Ethical Considerations for Using Technology with Children. , 2019, , 93-110.		0
404	Cyberpsychology, Aging, and Gerontechnology. , 2019, , 111-127.		0
405	Problematic Internet Use, Online Gambling, Smartphones, and Video Games. , 2019, , 128-144.		0
406	Telepsychology and the Ethical Delivery of e-Therapy. , 2019, , 145-168.		0
407	Social Media Ethics Section 1: Facebook, Twitter, and Google – Oh My!. , 2019, , 171-191.		0
408	Social Media Ethics Section 3: Digital Citizenship. , 2019, , 208-226.		0
409	Virtual Reality Ethics. , 2019, , 229-253.		1
410	Video Games, Video Gamers, and the Ethics of Video Game Design. , 2019, , 254-269.		0
414	Playing Super Mario increases oculomotor inhibition and frontal eye field grey matter in older adults. Experimental Brain Research, 2019, 237, 723-733.	1.5	15
415	Nonimmersive Brain Gaming for Older Adults With Cognitive Impairment: A Scoping Review. Gerontologist, The, 2019, 59, e764-e781.	3.9	14

# 416	ARTICLE Photobiomodulation improves the frontal cognitive function of older adults. International Journal of Geriatric Psychiatry, 2019, 34, 369-377.	IF 2.7	Citations
417	Cognitive Training Does Not Enhance General Cognition. Trends in Cognitive Sciences, 2019, 23, 9-20.	7.8	159
418	Improving Methodological Standards in Behavioral Interventions for Cognitive Enhancement. Journal of Cognitive Enhancement: Towards the Integration of Theory and Practice, 2019, 3, 2-29.	1.6	149
419	Cognitive Training Game Versus Action Videogame: Effects on Cognitive Functions in Older Adults. Games for Health Journal, 2019, 8, 35-40.	2.0	26
420	Computer and Videogame Interventions for Older Adults' Cognitive and Everyday Functioning. Games for Health Journal, 2019, 8, 129-143.	2.0	29
421	Young adults learning executive function skills by playing focused video games. Cognitive Development, 2019, 49, 43-50.	1.3	38
422	General fluid/inductive reasoning battery for a high-ability population. Behavior Research Methods, 2019, 51, 507-522.	4.0	9
423	The effects of video game training on the cognitive functioning of older adults: A community-based randomized controlled trial. Archives of Gerontology and Geriatrics, 2019, 80, 20-30.	3.0	20
424	Action compatibility in spatial knowledge developed through virtual navigation. Psychological Research, 2020, 84, 177-191.	1.7	4
425	Body Involvement in Video Gaming as a Support for Physical and Cognitive Learning. Games and Culture, 2020, 15, 565-584.	2.8	11
426	Cognitive effects of video games in older adults and their moderators: a systematic review with meta-analysis and meta-regression. Aging and Mental Health, 2020, 24, 841-856.	2.8	26
427	Functional Ability in Everyday Life: Are Associations With an Engaged Lifestyle Mediated by Working Memory?. Journals of Gerontology - Series B Psychological Sciences and Social Sciences, 2020, 75, 1873-1883.	3.9	6
428	The Relational Abilities Index+: Initial Validation of a Functionally Understood Proxy Measure for Intelligence. Perspectives on Behavior Science, 2020, 43, 189-213.	1.9	8
429	The Impact of Working Memory Training on Cognitive Abilities in Older Adults: The Role of Cognitive Reserve. Current Aging Science, 2020, 13, 52-61.	1.2	4
430	Using Variable Priority Training to Examine Video Game-Related Gains in Cognition. Journal of Cognitive Enhancement: Towards the Integration of Theory and Practice, 2020, 4, 274-284.	1.6	1
431	Expressivity of creativity and creative design considerations in digital games. Computers in Human Behavior, 2020, 105, 106206.	8.5	11
432	Impact of strategy use during N-Back training in older adults. Journal of Cognitive Psychology, 2020, 32, 715-733.	0.9	3
433	Losing Money and Motivation: Effects of Loss Incentives on Motivation and Metacognition in Younger and Older Adults. Frontiers in Psychology, 2020, 11, 1489.	2.1	7

#	Article	IF	CITATIONS
434	A socio-technical model of autonomous vehicle adoption using ranked choice stated preference data. Transportation Research Part C: Emerging Technologies, 2020, 121, 102835.	7.6	42
435	Moderation-Mediation Effects in Bilingualism and Cognitive Reserve. Frontiers in Psychology, 2020, 11, 572555.	2.1	2
436	Effects and Moderators of Computer-Based Training on Children's Executive Functions: A Systematic Review and Meta-Analysis. Frontiers in Psychology, 2020, 11, 580329.	2.1	14
437	Casual Game or Cognitive Gain: Multitask Casual Game as a Training for Young Adults. Journal of Cognitive Enhancement: Towards the Integration of Theory and Practice, 2020, 4, 434-445.	1.6	3
438	Effects of multidomain versus single-domain training on executive control and memory in older adults: study protocol for a randomized controlled trial. Trials, 2020, 21, 404.	1.6	2
439	Past Gaming Experience and Cognition as Selective Predictors of Novel Game Learning Across Different Gaming Genres. Frontiers in Psychology, 2020, 11, 786.	2.1	5
440	Longitudinal Associations Between Contact Frequency with Friends and with Family, Activity Engagement, and Cognitive Functioning. Journal of the International Neuropsychological Society, 2020, 26, 815-824.	1.8	33
441	Defeating the Boss Level … Exploring Inter-and-Multigenerational Gaming Experiences. The Computer Games Journal, 2020, 9, 121-126.	1.0	2
442	For Whom the Games Toll: A Qualitative and Intergenerational Evaluation of What is Serious in Games for Older Adults. The Computer Games Journal, 2020, 9, 221-244.	1.0	16
443	Bilingualism and aging: A focused neuroscientific review. Journal of Neurolinguistics, 2020, 54, 100890.	1.1	20
444	Limits on Training Inhibitory Control with a Focused Video Game. Journal of Cognitive Enhancement: Towards the Integration of Theory and Practice, 2021, 5, 83-98.	1.6	4
445	Game-based brain training for improving cognitive function in community-dwelling older adults: A systematic review and meta-regression. Archives of Gerontology and Geriatrics, 2021, 92, 104260.	3.0	35
446	Shifting Minds: A Quantitative Reappraisal of Cognitive-Intervention Research. Perspectives on Psychological Science, 2021, 16, 148-160.	9.0	4
447	Does dance counteract age-related cognitive and brain declines in middle-aged and older adults? A systematic review. Neuroscience and Biobehavioral Reviews, 2021, 121, 259-276.	6.1	20
448	Musical instrument training program improves verbal memory and neural efficiency in novice older adults. Human Brain Mapping, 2021, 42, 1359-1375.	3.6	21
449	What Cognitive Psychology Can Tell Us About Educational Computer Games. , 2021, , 399-416.		0
450	Ping Pong: An Exergame for Cognitive Inhibition Training. International Journal of Human-Computer Interaction, 2021, 37, 1104-1115.	4.8	6
451	Does a Growth Mindset Enable Successful Aging?. Work, Aging and Retirement, 2021, 7, 79-89.	2.0	9

#	Article	IF	CITATIONS
452	Effects of foreign language learning on executive functions in healthy older adults: study protocol for a randomised controlled trial. BMC Geriatrics, 2021, 21, 122.	2.7	5
453	Mitigating the negative impacts of aging on cognitive function; modifiable factors associated with increasing cognitive reserve. European Journal of Neuroscience, 2021, 53, 3109-3124.	2.6	19
454	Effects of excessive video game playing on event-related brain potentials during working memory. Current Psychology, 2023, 42, 1881-1895.	2.8	2
455	The Turkish translation study of the Cognitive Reserve Index Questionnaire (CRIq). Applied Neuropsychology Adult, 2022, 29, 1536-1542.	1.2	3
456	Computerized Cognitive Training: A Review of Mechanisms, Methodological Considerations, and Application to Research in Depression. Journal of Cognitive Enhancement: Towards the Integration of Theory and Practice, 2021, 5, 359-371.	1.6	8
457	The role of individual differences in attentional blink phenomenon and real-time-strategy game proficiency. Heliyon, 2021, 7, e06724.	3.2	3
458	Brain training habits are not associated with generalized benefits to cognition: An online study of over 1000 "brain trainersâ€. Journal of Experimental Psychology: General, 2021, 150, 729-738.	2.1	17
459	Microglia and modifiable life factors: Potential contributions to cognitive resilience in aging. Behavioural Brain Research, 2021, 405, 113207.	2.2	24
460	The relationship between co-playing and socioemotional status among older-adult game players. Entertainment Computing, 2021, 38, 100414.	2.9	6
461	UÄinek kognitivnega raÄunalniÅįkega treninga pri aktivnih starejÅįih odraslih. Psiholoska Obzorja, 0, , 34-46.	0.1	Ο
462	Mobile Game Design Guide to Improve Gaming Experience for the Middle-Aged and Older Adult Population: User-Centered Design Approach. JMIR Serious Games, 2021, 9, e24449.	3.1	12
463	Effectiveness of Brain Gaming in Older Adults With Cognitive Impairments: A Systematic Review and Meta-Analysis. Journal of the American Medical Directors Association, 2021, 22, 2281-2288.e5.	2.5	12
464	Videogame and Computer Intervention Effects on Older Adults' Mental Rotation Performance. Games for Health Journal, 2021, 10, 198-203.	2.0	1
465	Action Video Gaming Experience Related to Altered Resting-State EEG Temporal and Spatial Complexity. Frontiers in Human Neuroscience, 2021, 15, 640329.	2.0	6
466	The Effectiveness of Computerized Cognitive Training Combined With Whole Body Cryotherapy in Improving Cognitive Functions in Older Adults. A Case Control Study. Frontiers in Psychiatry, 2021, 12, 649066.	2.6	8
467	The Playing Brain. The Impact of Video Games on Cognition and Behavior in Pediatric Age at the Time of Lockdown: A Systematic Review. Pediatric Reports, 2021, 13, 401-415.	1.3	16
468	Biochemical Correlates of Video Game Use: From Physiology to Pathology. A Narrative Review. Life, 2021, 11, 775.	2.4	5
469	Commercial video games as a resource for mental health: A systematic literature review. Behaviour and Information Technology, 2022, 41, 2654-2690.	4.0	13

#	Article	IF	CITATIONS
470	Short-Term Audiovisual Spatial Training Enhances Electrophysiological Correlates of Auditory Selective Spatial Attention. Frontiers in Neuroscience, 2021, 15, 645702.	2.8	1
472	Mobile Augmented Reality Serious Game for Improving Old Adults' Working Memory. Applied Sciences (Switzerland), 2021, 11, 7843.	2.5	9
475	The Relationship between Online Game Experience and Multitasking Ability in a Virtual Environment. Applied Cognitive Psychology, 2017, 31, 653-661.	1.6	14
476	Realâ€ŧime strategy video game experience and structural connectivity – A diffusion tensor imaging study. Human Brain Mapping, 2018, 39, 3742-3758.	3.6	25
477	Consumer-Based Brain Fitness Programs. , 2011, , 45-66.		12
478	Synapse: A Clinical Trial Examining the Impact of Actively Engaging the Aging Mind. , 2011, , 67-83.		3
479	Homo Virtualensis: Evolutionary Psychology as a Tool for Studying Video Games. Integrated Series on Information Systems, 2010, , 305-328.	0.1	10
480	Lifestyle Factors and Successful Cognitive Aging in Older Adults. , 2013, , 121-141.		1
482	Working Memory Training and Transfer: Theoretical and Practical Considerations. Springer Proceedings in Mathematics and Statistics, 2014, , 19-43.	0.2	10
483	Violent Video Games and Cognitive Processes: A Neuropsychological Approach. International Series on Computer Entertainment and Media Technology, 2016, , 3-20.	0.8	5
484	Exploring the Next Generation of Older Gamers: Middle-Aged Gamers. Lecture Notes in Computer Science, 2016, , 308-318.	1.3	5
485	Blurring the Lines of Age: Intergenerational Collaboration in Alternate Reality Games. , 2017, , 47-64.		6
486	Physical Activity and Cognitive Training: Impact on Hippocampal Structure and Function. , 2017, , 209-243.		2
487	Digital Gaming Perceptions Among Older Adult Non-gamers. Lecture Notes in Computer Science, 2017, , 217-227.	1.3	7
488	Brain Plasticity in Older Adults: Could It Be Better Enhanced by Cognitive Training via an Adaptation of the Virtual Reality Platform FitForAll or via a Commercial Video Game?. Advances in Intelligent Systems and Computing, 2018, , 728-742.	0.6	2
489	Gen X and Digital Games: Looking Back to Look Forward. Lecture Notes in Computer Science, 2018, , 485-500.	1.3	12
490	Neuronale Plastizitäbei gesundem und pathologischem Altern. , 2010, , 41-65.		4
491	Making the Wii at Home: Game Play by Older People in Sheltered Housing. Lecture Notes in Computer Science, 2010, , 156-176.	1.3	31

#	Article	IF	CITATIONS
492	Elements of Play for Cognitive, Physical and Social Health in Older Adults. Lecture Notes in Computer Science, 2013, , 296-313.	1.3	6
493	Assessing Virtual Reality Environments as Cognitive Stimulation Method for Patients with MCI. Studies in Computational Intelligence, 2014, , 39-74.	0.9	44
494	Good gamers, good managers? A proof-of-concept study with Sid Meier's Civilization. Review of Managerial Science, 2021, 15, 957-990.	7.1	15
495	Cognitive Interventions. , 2011, , 153-171.		33
496	Teaching Creativity. , 2015, , 139-158.		2
497	Intervention Comparative Effectiveness for Adult Cognitive Training (ICE-ACT) Trial: Rationale, design, and baseline characteristics. Contemporary Clinical Trials, 2019, 78, 76-87.	1.8	5
499	Video game training does not enhance cognitive ability: A comprehensive meta-analytic investigation Psychological Bulletin, 2018, 144, 111-139.	6.1	150
500	Differential effects of cognitive training modules in healthy aging and mild cognitive impairment: A comprehensive meta-analysis of randomized controlled trials Psychology and Aging, 2020, 35, 220-249.	1.6	56
501	Do computer games jeopardize educational outcomes? A prospective study on gaming times and academic achievement Psychology of Popular Media, 2020, 9, 69-82.	1.4	19
502	Developing games for mental health: A primer Professional Psychology: Research and Practice, 2016, 47, 242-249.	1.0	14
503	Activity Engagement in Cognitive Aging: A Review of the Evidence. Perspectives on Neurophysiology and Neurogenic Speech and Language Disorders, 2013, 23, 1-12.	0.3	3
504	How aging and bilingualism influence language processing. Linguistic Approaches To Bilingualism, 2016, 6, 9-42.	0.9	25
505	The Feasibility and Potential Impact of Brain Training Games on Cognitive and Emotional Functioning in Middle-Aged Adults. Games for Health Journal, 2018, 7, 67-74.	2.0	8
506	Video Game Violence and Offline Aggression. , 2015, , 86-105.		5
507	Towards Cognitive Enhancement of the Elderly. , 2017, , .		4
509	Effect of Exergaming on Physical Fitness, Functional Mobility, and Cognitive Functioning in Adults With Down Syndrome. American Journal on Intellectual and Developmental Disabilities, 2021, 126, 34-44.	1.6	20
510	Real-Time Strategy Game Training: Emergence of a Cognitive Flexibility Trait. PLoS ONE, 2013, 8, e70350.	2.5	125
511	Earlier Visual N1 Latencies in Expert Video-Game Players: A Temporal Basis of Enhanced Visuospatial Performance?. PLoS ONE, 2013, 8, e75231.	2.5	16

#	Article	IF	CITATIONS
512	Plasticity of Attentional Functions in Older Adults after Non-Action Video Game Training: A Randomized Controlled Trial. PLoS ONE, 2014, 9, e92269.	2.5	88
513	Computer-Based Cognitive Programs for Improvement of Memory, Processing Speed and Executive Function during Age-Related Cognitive Decline: A Meta-Analysis. PLoS ONE, 2015, 10, e0130831.	2.5	47
514	Investigating a DTV-based physical activity application to facilitate wellbeing in older adults. , 2010, , .		13
516	Cognitive and Behavioral Correlates of Achievement in a Complex Multi-Player Video Game. Media and Communication, 2019, 7, 198-212.	1.9	16
517	Improving the Efficacy of Cognitive Training for Digital Mental Health Interventions Through Avatar Customization: Crowdsourced Quasi-Experimental Study. Journal of Medical Internet Research, 2019, 21, e10133.	4.3	42
518	A Remote Intervention to Prevent or Delay Cognitive Impairment in Older Adults: Design, Recruitment, and Baseline Characteristics of the Virtual Cognitive Health (VC Health) Study. JMIR Research Protocols, 2018, 7, e11368.	1.0	26
519	Reflective and Reflexive Stress Responses of Older Adults to Three Gaming Experiences In Relation to Their Cognitive Abilities: Mixed Methods Crossover Study. JMIR Mental Health, 2020, 7, e12388.	3.3	22
520	Affective Game Planning for Health Applications: Quantitative Extension of Gerontoludic Design Based on the Appraisal Theory of Stress and Coping. JMIR Serious Games, 2019, 7, e13303.	3.1	21
521	Efficacy of a Web App for Cognitive Training (MeMo) Regarding Cognitive and Behavioral Performance in People With Neurocognitive Disorders: Randomized Controlled Trial. Journal of Medical Internet Research, 2020, 22, e17167.	4.3	44
522	What Older People Like to Play: Genre Preferences and Acceptance of Casual Games. JMIR Serious Games, 2017, 5, e8.	3.1	64
523	Assessing the Acceptability and Usability of an Interactive Serious Game in Aiding Treatment Decisions for Patients with Localized Prostate Cancer. Journal of Medical Internet Research, 2011, 13, e4.	4.3	72
524	A Rehabilitation Tool Designed for Intensive Web-Based Cognitive Training: Description and Usability Study. JMIR Research Protocols, 2013, 2, e59.	1.0	52
525	Effects of Video Game Training on Behavioral and Electrophysiological Measures of Attention and Memory: Protocol for a Randomized Controlled Trial. JMIR Research Protocols, 2017, 6, e8.	1.0	11
526	Foreign language learning in the third age: A pilot feasibility study on cognitive, socio-affective and linguistic drivers and benefits in relation to previous bilingualism of the learner. Journal of the European Second Language Association, 2018, 2, 1.	0.7	42
527	Videojuegos: Incentivos Multisensoriales Potenciadores de las Inteligencias Múltiples en Educación Primaria. Electronic Journal of Research in Educational Psychology, 2017, 13, .	0.6	5
529	Role of Rehabilitation in Neural Plasticity. Open Access Macedonian Journal of Medical Sciences, 2019, 7, 1540-1547.	0.2	16
530	Motivation and needs for technology use in old age. Gerontechnology, 2009, 8, .	0.1	21
531	Cognitive benefits of computer games for older adults. Gerontechnology, 2009, 8, 220-235.	0.1	93

#	Article	IF	CITATIONS
532	Gaming preferences of aging generations. Gerontechnology, 2014, 12, 174-184.	0.1	37
533	Older people's perceptions and experiences of a digital learning game. Gerontechnology, 2014, 13, .	0.1	6
534	Understanding older adults' perceptions of and attitudes towards exergames. Gerontechnology, 2017, 16, 81-90.	0.1	16
535	Rehabilitation Gaming. Advances in Healthcare Information Systems and Administration Book Series, 0, , 50-75.	0.2	3
536	Individual Differences in the Enjoyment and Effectiveness of Serious Games. Advances in Game-based Learning Book Series, 0, , 153-174.	0.2	5
538	New Concepts, Old Known Issues. Advances in Psychology, Mental Health, and Behavioral Studies, 2015, , 16-30.	0.1	53
539	Gamification in Rehabilitation. Advances in Medical Technologies and Clinical Practice Book Series, 2016, , 132-157.	0.3	5
540	Cognitive Exercising for Patients With MCI Using Serious Games. , 0, , 1313-1342.		1
541	The Use of Games in Paediatric Cognitive Intervention: A Systematic Review. International Journal of Physical Medicine & Rehabilitation, 2015, 03, .	0.5	7
542	Development of a fall prevention protocol for replication in a virtual environment. Advances in Aging Research, 2012, 01, 47-52.	0.4	2
543	Improving intelligence: a literature review. Swiss Medical Weekly, 0, , .	1.6	31
544	Application designed for the elderly using gestural interface. Revista Brasileira De Computação Aplicada, 2013, 5, .	0.1	4
546	Cognitive function in normal aging and in older adults with mild cognitive impairment. Psicothema, 2013, 25, 18-24.	0.9	39
547	The neuropsychological profile of professional action video game players. PeerJ, 2020, 8, e10211.	2.0	12
548	Vers une typologie des effets du jeu vidéo sur l'apprentissage. , 2010, , 227-240.		0
549	Mental and Physical Exercise as a Means to Reverse Cognitive Aging and Enhance Well-Being. , 2011, , 25-44.		2
550	Personalization of Serious Videogames for Occupational Engagement for Elderly. Lecture Notes in Computer Science, 2013, , 55-62.	1.3	1
551	Behavioral Neuroenhancement. Trends in Augmentation of Human Performance, 2013, , 59-66.	0.4	0

IF ARTICLE CITATIONS Implicit Memory and Aging., 2013, , 1-19. 552 0 Towards Ambient Intelligent Care and Assistance Systems for Patients with Dementia. Lecture Notes in 554 1.3 Computer Science, 2015, , 297-309. 555 Can Video Games Benefit the Cognitive Abilities of the Elderly Population?., 2015, , 3022-3030. 0 Aging in Digital Places., 2015, , 1-9. Applied Entertainment: Positive Uses of Entertainment Media., 2015, , 1-23. 557 4 Cognitive Exercising for Patients with MCI Using Serious Games. Advances in Psychology, Mental 0.1 Health, and Behavioral Studies, 2015, , 88-117 559 Challenges for Serious Game Design. Lecture Notes in Computer Science, 2016, , 323-328. 1.3 0 Lifestyle and Interventions for Improving Cognitive Performance in Older Adults. , 2016, , 189-203. 561 Applied Entertainment: Positive Uses of Entertainment Media., 2017, , 1247-1269. 5 Aging in Digital Places., 2017, , 191-201. On the Need for Developmental Perspectives in Research on the Potential Positive and Negative Health 563 0.6 1 Effects of Digital Games. Human-computer Interaction Series, 2017, , 201-214. What Cognitive Psychology Can Tell Us About Educational Computer Games. Advances in Game-based Learning Book Series, 2017, , 1-18. 564 Towards Pervasive Predictive Analytics in Interactive Prevention and Rehabilitation for Older People. 565 0.5 0 Communications in Computer and Information Science, 2017, , 1-11. The Case of the Leiden "Lifestyle 2030―Study. , 2017, , 305-317. 567 ChapterÂ3. How aging and bilingualism influence language processing. Studies in Bilingualism, 0, , 21-53. 0.2 0 Cognitive gains from video game use in older age: a review of the literature corroborating them. International Journal of Family & Community Medicine, 2018, 2, . 569 Exposure to Video Games and Decision Making., 2018, 3296-3308. 1 570 Does cognitive training reduce risk for dementia?., 2018, , 419-432.

#	Article	IF	Citations
571	A Case Study: The Effect of Cognitive Intervention by Video Game on Elderly People with Mild Cognitive Impairment. Advances in Psychology, 2018, 08, 1293-1305.	0.1	0
573	FocusLocus: ADHD management gaming system for educational achievement and social inclusion. , 2018, , .		5
576	Video Games and Learning. , 2019, , 1-31.		2
577	Das Potential von Computerspielen nutzen. , 2019, , 151-185.		0
578	Requirements-Based Design of Serious Games and Learning Software. Advances in Game-based Learning Book Series, 2019, , 1-34.	0.2	1
579	Exposure to Video Games and Decision Making. Advances in Multimedia and Interactive Technologies Book Series, 2019, , 117-131.	0.2	0
582	Stop Saying "Don't Play Games―!?. Journal of Japan Society for Fuzzy Theory and Intelligent Informatics, 2020, 32, 87-91.	0.0	0
583	Typographic Cueing Facilitates Survey Completion on Smartphones in Older Adults. Survey Practice, 2020, 13, 1-13.	0.9	1
584	Effective Approach to Improving Cognitive Function in the Elderly: Focused on Cognitive-exercise Combination Program. Korean Journal of Clinical Geriatrics, 2020, 21, 47-53.	0.1	0
585	Online videos promote brain health literacy. Health Promotion International, 2021, 36, 1243-1252.	1.8	4
586	A Cognitive-Based Board Game With Augmented Reality for Older Adults: Development and Usability Study. JMIR Serious Games, 2020, 8, e22007.	3.1	13
588	Play Teaches Learning?. Advances in Computational Intelligence and Robotics Book Series, 2020, , 147-168.	0.4	2
590	New Concepts, Old Known Issues. , 0, , 883-898.		0
592	Action Video Game Training and Its Effects on Perception and Attentional Control. , 2021, , 215-228.		1
593	Color Me. , 2020, , .		2
594	Risking Treasure: Testing Loss Aversion in an Adventure Game. , 2020, , .		3
595	A Data-Driven, Player-Centric Approach to Evaluating Spatial Skill Training Games. , 2020, , .		3
596	The eSports conundrum: is the sports sciences community ready to face them? A perspective. Journal of Sports Medicine and Physical Fitness, 2020, 60, 1591-1602.	0.7	4

#	Article	IF	CITATIONS
597	Social Cognitive Aging. , 2012, , 390-410.		4
600	Effects of Physical Exercise on Executive Functions: Going beyond Simply Moving to Moving with Thought. , 2015, 2, 1011.		64
601	The brain-games conundrum: does cognitive training really sharpen the mind?. Cerebrum: the Dana Forum on Brain Science, 2014, 2014, 15.	0.1	13
603	From exergames to immersive virtual reality systems: serious games for supporting older adults. , 2022, , 141-204.		3
604	Computer-Delivered Cognitive Training and Transcranial Direct Current Stimulation in Patients With HIV-Associated Neurocognitive Disorder: A Randomized Trial. Frontiers in Aging Neuroscience, 2021, 13, 766311.	3.4	3
605	Age effects on category learning, categorical perception, and generalization. Memory, 2021, , 1-18.	1.7	6
606	Impact of multimodal warming during general anaesthesia on postoperative cognitive dysfunction in elderly patients with gynaecological cancer: study protocol for a single-blinded randomised controlled trial. BMJ Open, 2021, 11, e049186.	1.9	1
607	Using Simple Design Features to Recapture the Essence of Real-Time Strategy Games. IEEE Transactions on Games, 2022, 14, 569-578.	1.4	4
609	Unity 3D Game for Senior's Knee Maintenance. , 2020, , .		1
610	Examining the Influence of Cognitive Ability on Situating to a Video Game: Expanded Discussion. Cognition and Exploratory Learning in the Digital Age, 2022, , 97-113.	0.5	1
611	Do Real-Time Strategy Video Gamers Have Better Attentional Control?. Human Factors, 2024, 66, 258-270.	3.5	3
612	Video games and mental health. , 2023, , 573-579.		1
613	The effect of strategy game types on inhibition. Psychological Research, 2022, , 1.	1.7	0
614	Young and old users prefer immersive virtual reality over a social robot for short-term cognitive training. International Journal of Human Computer Studies, 2022, 161, 102775.	5.6	17
615	Behaviour Change Techniques in Computerized Cognitive Training for Cognitively Healthy Older Adults: A Systematic Review. Neuropsychology Review, 2023, 33, 238-254.	4.9	6
616	Motor reserve: How to build neuronal resilience against ageing and neurodegeneration?. Revue Neurologique, 2022, , .	1.5	6
617	"CityQuest,―A Custom-Designed Serious Game, Enhances Spatial Memory Performance in Older Adults. Frontiers in Aging Neuroscience, 2022, 14, 806418.	3.4	5
618	A Conceptual View of Cognitive Intervention in Older Adults With and Without Cognitive Decline—A Systemic Review. Frontiers in Aging, 2022, 3, .	2.6	4

#	Article	IF	CITATIONS
619	Difference in gaze control ability between low and high skill players of a real-time strategy game in esports. PLoS ONE, 2022, 17, e0265526.	2.5	7
620	The Effects of Combined Cognitive-Physical Interventions on Cognitive Functioning in Healthy Older Adults: A Systematic Review and Multilevel Meta-Analysis. Frontiers in Human Neuroscience, 2022, 16, 838968.	2.0	14
621	The Impact of Exercise and Virtual Reality Executive Function Training on Cognition Among Heavy Drinking Veterans With Traumatic Brain Injury: A Pilot Feasibility Study. Frontiers in Behavioral Neuroscience, 2022, 16, 802711.	2.0	6
622	Scale development for analyzing the fit of real and virtual world integration: an example ofÂPokémon Go. Information Technology and People, 2023, 36, 500-531.	3.2	9
623	Cognitive Benefits of Learning Additional Languages in Old Adulthood? Insights from an Intensive Longitudinal Intervention Study. Applied Linguistics, 2022, 43, 653-676.	2.4	5
624	Effects of exergaming on executive function of older adults: a systematic review and meta-analysis. PeerJ, 2022, 10, e13194.	2.0	5
633	Imposed load versus voluntary investment: Executive control and attention management in dual-task performance. Acta Psychologica, 2022, 227, 103591.	1.5	1
634	A Comparison of the Effects of Short-Term Physical and Combined Multi-Modal Training on Cognitive Functions. International Journal of Environmental Research and Public Health, 2022, 19, 7506.	2.6	4
635	Video game players have improved decision-making abilities and enhanced brain activities. NeuroImage Reports, 2022, 2, 100112.	1.0	8
636	Reaction time and working memory in middle-aged gamers and non-gamers. Acta Psychologica, 2022, 228, 103666.	1.5	4
637	Una aproximación a los debates actuales sobre el estudio académico e investigativo sobre videojuegos. Signo Y Pensamiento, 0, 41, .	0.1	0
638	Neuroanatomical predictors of complex skill acquisition during video game training. Frontiers in Neuroscience, 0, 16, .	2.8	1
639	Examination of the Executive Function Skills of 5-Year-Old Children Receiving Pre-School Education According to Some Variables. , 0, , .		0
640	Fostering cognitive performance in older adults with a process- and a strategy-based cognitive training. Aging, Neuropsychology, and Cognition, 2023, 30, 837-859.	1.3	4
641	Gamified Digital Apps and Their Utilization to Improve Health Behaviors in the 21st Century. Advances in Web Technologies and Engineering Book Series, 2022, , 208-233.	0.4	0
642	Cognitive and structural predictors of novel task learning, and contextual predictors of time series of daily task performance during the learning period. Frontiers in Aging Neuroscience, 0, 14, .	3.4	0
643	Enhanced Dorsal Attention Network to Salience Network Interaction in Video Gamers During Sensorimotor Decision-Making Tasks. Brain Connectivity, 2023, 13, 97-106.	1.7	3
644	Towards a Player Age Model. Proceedings, 2013, 9, 184-190.	0.8	1

#	Article	IF	CITATIONS
645	Computerized Games versus Crosswords Training in Mild Cognitive Impairment. , 2022, 1, .		9
646	Effect of Exercise Training or Complex Mental and Social Activities on Cognitive Function in Adults With Chronic Stroke. JAMA Network Open, 2022, 5, e2236510.	5.9	12
647	Effect of horticultural activities on quality of life, perceived stress, and working memory of community-dwelling older adults. Geriatric Nursing, 2022, 48, 303-314.	1.9	3
649	Effects of Excessive Violent Video Gaming on Memory and Its Brain Functions. , 2022, , 1-14.		0
650	What's in a game: Video game visual-spatial demand location exhibits a double dissociation with reading speed. Acta Psychologica, 2023, 232, 103822.	1.5	0
651	Requirements-Based Design of Serious Games and Learning Software. , 2022, , 258-285.		0
652	Levels of orientation bias differ across digital content categories: Implications for visual perception. Perception, 2023, 52, 221-237.	1.2	1
653	Photobiomodulation improves frontal lobe cognitive functions and mental health of older adults with non-amnestic mild cognitive impairment: Case studies. Frontiers in Psychology, 0, 13, .	2.1	5
654	Evaluating a Game-based and a Web-based User Interface Using Skin Conductivity Signals and Gamers and Non-Gamers Preferences. , 2022, , .		0
655	Cognitive stimulation to improve cognitive functioning in people with dementia. The Cochrane Library, 2023, 2023, .	2.8	14
656	Cognitive Computerized Training for Older Adults and Patients with Neurological Disorders: Do the Amount and Training Modality Count? An Umbrella Meta-Regression Analysis. Games for Health Journal, 2023, 12, 100-117.	2.0	1
657	Explicit benefits: Motor sequence acquisition and short-term retention in adults who do and do not stutter. Journal of Fluency Disorders, 2023, 75, 105959.	1.7	0
658	Interaction effects of Action Real-Time Strategy Game experience and trait anxiety on brain functions measured via EEG rhythm. , 2023, 2, .		1
659	Variability as a functional marker of second language development in older adult learners. Studies in Second Language Acquisition, 2023, 45, 1004-1030.	2.6	4
661	Executive functions are modulated by the context of dual language use: diglossic, bilingual and monolingual older adults. Bilingualism, 2024, 27, 178-203.	1.3	0
662	Effects of task-specific strategy on attentional control game training: preliminary data from healthy adults. Current Psychology, 2024, 43, 1864-1878.	2.8	0
663	A pilot study on the evaluation of cognitive abilities' cluster through game-based intelligent technique. Multimedia Tools and Applications, 2023, 82, 41323-41341.	3.9	2
664	Impact of COVID-19 pandemic on learning in relation to students' adaptation to distance learning modalities, self-efficacy and academic achievement in Rizal National High School, Occidental Mindoro. International Journal of Research Studies in Management, 2023, 11, .	0.2	0

#	Article	IF	CITATIONS
665	A critical review of research on executive functions in sport and exercise. International Review of Sport and Exercise Psychology, 0, , 1-29.	5.7	5
666	Remédiation cognitive enÂpsychiatrie du sujet âgé. , 2023, , 439-465.		0
667	Association Between Daily Internet Use and Incidence of Chronic Diseases Among Older Adults: Prospective Cohort Study. Journal of Medical Internet Research, 0, 25, e46298.	4.3	2
668	Casual Games, Cognition, and Play across the Lifespan: A Critical Synthesis. , 2023, 1, 1-25.		0
669	Higher working memory capacity and distraction-resistance associated with strategy (not action) game playing in younger adults, but puzzle game playing in older adults. Heliyon, 2023, 9, e19098.	3.2	1
670	Effects of Excessive Violent Video Gaming on Memory and Its Brain Functions. , 2023, , 1729-1742.		0
671	College Student Video Gaming: Risk or Resilience for Mental Health?. Psychological Reports, 0, , .	1.7	0
672	A game-factors approach to cognitive benefits from video-game training: A meta-analysis. PLoS ONE, 2023, 18, e0285925.	2.5	2
673	The effects of a new immersive multidomain training on cognitive, dual-task and physical functions in older adults. GeroScience, 2024, 46, 1825-1841.	4.6	2
674	Young videogamers and their approach to science inquiry. Large-Scale Assessments in Education, 2023, 11, .	2.0	0
675	Attention: The Cognitive Effects of Learning to Read in Arabic by Chinese Learners at an Old Age. SAGE Open, 2023, 13, .	1.7	0
676	Developing cognitive workload and performance evaluation models using functional brain network analysis. , 2023, 9, .		3
677	Efficacy of cognitive training on executive functions in healthy older adults: a systematic review with meta-analysis of randomized controlled trials. Psychology and Health, 0, , 1-28.	2.2	0
678	Positive Effects of Games on Individual Executive Functioning. Advances in Social Sciences, 2023, 12, 6632-6638.	0.1	0
679	Exergames improve cognitive function in older adults and their possible mechanisms: A systematic review. Journal of Global Health, 0, 13, .	2.7	0
680	Adaptative computerized cognitive training decreases mental workload during working memory precision task. A preliminary fNIRS study International Journal of Human Computer Studies, 2023, , 103206.	5.6	0
681	Domesticating Gaming: An Intergenerational Study of Online Gaming Behaviors Among Older Gamers. , 2024, , 193-213.		0
682	Alzheimer's disease risk reduction in clinical practice: a priority in the emerging field of preventive neurology. , 2024, 2, 25-40.		0

# ARTICLE

IF CITATIONS