Silvia Serino

List of Publications by Year
in descending order

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Version: 2024-02-01

110 papers	3,507 citations	136950 32 h-index	175258 52 g-index
125 all docs	125 docs citations	125 times ranked	3778 citing authors

#	Article	IF	Citations
1	eHealth for Patient Engagement: A Systematic Review. Frontiers in Psychology, 2015, 6, 2013.	2.1	290
2	Egocentric and allocentric spatial reference frames in aging: A systematic review. Neuroscience and Biobehavioral Reviews, 2017, 80, 605-621.	6.1	170
3	Virtual Reality Body Swapping: A Tool for Modifying the Allocentric Memory of the Body. Cyberpsychology, Behavior, and Social Networking, 2016, 19, 127-133.	3.9	140
4	Pain in the body. Altered interoception in chronic pain conditions: A systematic review. Neuroscience and Biobehavioral Reviews, 2016, 71, 328-341.	6.1	105
5	Experiential Virtual Scenarios With Real-Time Monitoring (Interreality) for the Management of Psychological Stress: A Block Randomized Controlled Trial. Journal of Medical Internet Research, 2014, 16, e167.	4.3	105
6	Intergenerational Group Reminiscence: A Potentially Effective Intervention to Enhance Elderly Psychosocial Wellbeing and to Improve Children's Perception of Aging. Educational Gerontology, 2014, 40, 486-498.	1.3	99
7	The role of egocentric and allocentric abilities in Alzheimer's disease: A systematic review. Ageing Research Reviews, 2014, 16, 32-44.	10.9	92
8	Is your phone so smart to affect your state? An exploratory study based on psychophysiological measures. Neurocomputing, 2012, 84, 23-30.	5.9	86
9	Assessment and rehabilitation of neglect using virtual reality: a systematic review. Frontiers in Behavioral Neuroscience, 2015, 9, 226.	2.0	86
10	Augmented Reality: A Brand New Challenge for the Assessment and Treatment of Psychological Disorders. Computational and Mathematical Methods in Medicine, 2015, 2015, 1-12.	1.3	81
11	Detecting early egocentric and allocentric impairments deficits in AlzheimerÃ¢â‚¬â„¢s disease: an experimental study with virtual reality. Frontiers in Aging Neuroscience, 2015, 7, 88.	3.4	80
12	Embodied Medicine: Mens Sana in Corpore Virtuale Sano. Frontiers in Human Neuroscience, 2017, 11, 120.	2.0	71
13	Body-image distortion in anorexia nervosa. Nature Reviews Disease Primers, 2016, 2, .	30.5	70
14	Characteristics, Usability, and Users Experience of a System Combining Cognitive and Physical Therapy in a Virtual Environment: Positive Bike. Sensors, 2018, 18, 2343.	3.8	70
15	When music â€œflowsâ€• State and trait in musical performance, composition and listening: a systematic review. Frontiers in Psychology, 2015, 6, 906.	2.1	67
16	A Social Virtual Reality-Based Application for the Physical and Cognitive Training of the Elderly at Home. Sensors, 2019, 19, 261.	3.8	67
17	Virtual multiple errands test (VMET): a virtual reality-based tool to detect early executive functions deficit in ParkinsonÃ¢â‚¬â„¢s disease. Frontiers in Behavioral Neuroscience, 2014, 8, 405.	2.0	66
18	A Novel Virtual Reality-Based Training Protocol for the Enhancement of the â€œMental Frame Syncingâ€•in Individuals with Alzheimer's Disease: A Development-of-Concept Trial. Frontiers in Aging Neuroscience, 2017, 9, 240.	3.4	65

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19	Toward a validation of cyber-interventions for stress disorders based on stress inoculation training: a systematic review. Virtual Reality, 2014, 18, 73-87.	6.1	61
20	Is virtual reality always an effective stressors for exposure treatments? some insights from a controlled trial. BMC Psychiatry, 2013, 13, 52.	2.6	54
21	Virtual reality and 360Â° panorama technology: a media comparison to study changes in sense of presence, anxiety, and positive emotions. Virtual Reality, 2021, 25, 303-311.	6.1	54
22	Feel the Time. Time Perception as a Function of Interoceptive Processing. Frontiers in Human Neuroscience, 2018, 12, 74.	2.0	53
23	Out of body, out of space: Impaired reference frame processing in eating disorders. Psychiatry Research, 2015, 230, 732-734.	3.3	51
24	Getting lost in Alzheimerâ€™s disease: A break in the mental frame syncing. Medical Hypotheses, 2013, 80, 416-421.	1.5	49
25	Predictors of initiation and persistence of recurrent binge eating and inappropriate weight compensatory behaviors in college men. International Journal of Eating Disorders, 2016, 49, 581-590.	4.0	49
26	Virtual Reality as an Embodied Tool to Enhance Episodic Memory in Elderly. Frontiers in Psychology, 2016, 7, 1839.	2.1	46
27	Prospective Psychosocial Predictors of Onset and Cessation of Eating Pathology amongst College Women. European Eating Disorders Review, 2016, 24, 251-256.	4.1	46
28	From avatars to body swapping: The use of virtual reality for assessing and treating bodyâ€size distortion in individuals with anorexia. Journal of Clinical Psychology, 2019, 75, 313-322.	1.9	46
29	Neurorehabilitation of Spatial Memory Using Virtual Environments: A Systematic Review. Journal of Clinical Medicine, 2019, 8, 1516.	2.4	45
30	Virtual Reality in the Assessment, Understanding and Treatment of Mental Health Disorders. Journal of Clinical Medicine, 2020, 9, 3434.	2.4	41
31	New Trends in Episodic Memory Assessment: Immersive 360Â° Ecological Videos. Frontiers in Psychology, 2018, 9, 1878.	2.1	36
32	A Novel Technique for Improving Bodily Experience in a Non-operable Superâ€“Super Obesity Case. Frontiers in Psychology, 2016, 7, 837.	2.1	35
33	Picture Interpretation Test (PIT) 360Â°: An Innovative Measure of Executive Functions. Scientific Reports, 2017, 7, 16000.	3.3	34
34	Psychometric assessment and behavioral experiments using a free virtual reality platform and computational science. BMC Medical Informatics and Decision Making, 2016, 16, 37.	3.0	33
35	Testing Augmented Reality for Cue Exposure in Obese Patients: An Exploratory Study. Cyberpsychology, Behavior, and Social Networking, 2016, 19, 107-114.	3.9	33
36	Presence-Inducing Media for Mental Health Applications. , 2015, , 283-332.		33

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37	Virtual Enactment Effect on Memory in Young and Aged Populations: A Systematic Review. Journal of Clinical Medicine, 2019, 8, 620.	2.4	32
38	A Virtual Reality-Based Self-Help Intervention for Dealing with the Psychological Distress Associated with the COVID-19 Lockdown: An Effectiveness Study with a Two-Week Follow-Up. International Journal of Environmental Research and Public Health, 2021, 18, 8188.	2.6	32
39	Virtual reality in the treatment of eating disorders. Clinical Psychology and Psychotherapy, 2021, 28, 477-488.	2.7	31
40	Ghosts in the Machine. Interoceptive Modeling for Chronic Pain Treatment. Frontiers in Neuroscience, 2016, 10, 314.	2.8	30
41	The Role of Age on Multisensory Bodily Experience: An Experimental Study with a Virtual Reality Full-Body Illusion. Cyberpsychology, Behavior, and Social Networking, 2018, 21, 304-310.	3.9	27
42	Editorial: Positive Technology: Designing E-experiences for Positive Change. Frontiers in Psychology, 2019, 10, 1571.	2.1	26
43	An ecological measure to screen executive functioning in MS: the Picture Interpretation Test (PIT) 360Â°. Scientific Reports, 2019, 9, 5690.	3.3	26
44	Spatial reorientation decline in aging: the combination of geometry and landmarks. Aging and Mental Health, 2018, 22, 1372-1383.	2.8	24
45	Bodily illusions and weight-related disorders: Clinical insights from experimental research. Annals of Physical and Rehabilitation Medicine, 2017, 60, 217-219.	2.3	23
46	Assessing Unilateral Spatial Neglect using advanced technologies: The potentiality of mobile virtual reality. Technology and Health Care, 2015, 23, 795-807.	1.2	21
47	Intrapersonal, interpersonal, and physical space in anorexia nervosa: a virtual reality and repertory grid investigation. Psychiatry Research, 2017, 252, 87-93.	3.3	20
48	Assessing the Relationship Between Attitudinal and Perceptual Component of Body Image Disturbance Using Virtual Reality. Cyberpsychology, Behavior, and Social Networking, 2018, 21, 679-686.	3.9	20
49	Promoting Emotional Well-Being in Older Breast Cancer Patients: Results From an eHealth Intervention. Frontiers in Psychology, 2018, 9, 2279.	2.1	20
50	Serious Games as Positive Technologies for Individual and Group Flourishing. Studies in Computational Intelligence, 2014, , 221-244.	0.9	20
51	Interreality for the management and training of psychological stress: study protocol for a randomized controlled trial. Trials, 2013, 14, 191.	1.6	19
52	How different spatial representations interact in virtual environments: the role of mental frame syncing. Cognitive Processing, 2015, 16, 191-201.	1.4	19
53	Classifying Adults with Binge Eating Disorder Based on Severity Levels. European Eating Disorders Review, 2017, 25, 268-274.	4.1	19
54	Building Embodied Spaces for Spatial Memory Neurorehabilitation with Virtual Reality in Normal and Pathological Aging. Brain Sciences, 2021, 11, 1067.	2.3	19

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55	The Effect of a Virtual-Reality Full-Body Illusion on Body Representation in Obesity. Journal of Clinical Medicine, 2019, 8, 1330.	2.4	18
56	The Potential of Pervasive Sensors and Computing for Positive Technology: The Interreality Paradigm. Smart Sensors, Measurement and Instrumentation, 2013, , 207-232.	0.6	18
57	The differential effect of normal and pathological aging on egocentric and allocentric spatial memory in navigational and reaching space. Neurological Sciences, 2020, 41, 1741-1749.	1.9	18
58	How to Create Memorizable and Strong Passwords. Journal of Medical Internet Research, 2012, 14, e10.	4.3	18
59	What is the role of spatial processing in the decline of episodic memory in AlzheimerÃ¢â‚¬â„¢s disease? The Ã¢â‚¬Å“mental frame syncingÃ¢â‚¬Â•hypothesis. Frontiers in Aging Neuroscience, 2014, 6, 33.	3.4	17
60	Regenerative Virtual Therapy: The Use of Multisensory Technologies and Mindful Attention for Updating the Altered Representations of the Bodily Self. Frontiers in Systems Neuroscience, 2021, 15, 749268.	2.5	17
61	Positive and Transformative Technologies for Active Ageing. Studies in Health Technology and Informatics, 2016, 220, 308-15.	0.3	17
62	Sharpening of peripersonal space during the COVID-19 pandemic. Current Biology, 2021, 31, R889-R890.	3.9	16
63	A Virtual Reality Test for the Assessment of Cognitive Deficits: Usability and Perspectives. , 2013, , .		15
64	Interoceptive Axes Dissociation in Anorexia Nervosa: A Single Case Study With Follow Up Post-recovery Assessment. Frontiers in Psychology, 2019, 9, 2488.	2.1	15
65	Using virtual reality to target positive autobiographical memory in individuals with moderate-to-moderately severe depressive symptoms: A single case experimental design. Internet Interventions, 2021, 25, 100407.	2.7	14
66	New Frontiers for Cognitive Assessment: An Exploratory Study of the Potentiality of 360Â° Technologies for Memory Evaluation. Cyberpsychology, Behavior, and Social Networking, 2019, 22, 76-81.	3.9	12
67	The Pursuit of Happiness Measurement: A Psychometric Model Based on Psychophysiological Correlates. Scientific World Journal, The, 2014, 2014, 1-15.	2.1	10
68	The Proactive Self in Space: HowÂEgocentric and Allocentric Spatial Impairments Contribute to Anosognosia inÂAlzheimerâ€™s Disease. Journal of Alzheimer's Disease, 2016, 55, 881-892.	2.6	10
69	Gulliverâ€™s virtual travels: active embodiment in extreme body sizes for modulating our body representations. Cognitive Processing, 2020, 21, 509-520.	1.4	10
70	A system for automatic detection of momentary stress in naturalistic settings. Studies in Health Technology and Informatics, 2012, 181, 182-6.	0.3	10
71	Psychophysiological correlates of flow during daily activities. Studies in Health Technology and Informatics, 2013, 191, 65-9.	0.3	10
72	Psychometric Reliability of the NeuroVR-based virtual version of the Multiple Errands Test. , 2013, , .		9

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73	Smartphone para la autogestiÃ³n del estrÃ©s psicolÃ³gico: Una evaluaciÃ³n preliminar de una aplicaciÃ³n de TecnologÃa Positiva.. Revista De Psicopatologia Y Psicologia Clinica, 2015, 19, 253.	0.2	9
74	Psychometric modeling of the pervasive use of Facebook through psychophysiological measures: Stress or optimal experience?. Computers in Human Behavior, 2015, 49, 576-587.	8.5	9
75	Disentangling the Contribution of Spatial Reference Frames to Executive Functioning in Healthy and Pathological Aging: An Experimental Study with Virtual Reality. Sensors, 2018, 18, 1783.	3.8	9
76	The ObReco-360Â°: a new ecological tool to memory assessment using 360Â° immersive technology. Virtual Reality, 2022, 26, 639-648.	6.1	9
77	The Moderating Role of Emotion Regulation in the Recall of Negative Autobiographical Memories. International Journal of Environmental Research and Public Health, 2021, 18, 7122.	2.6	9
78	The Role of Virtual Reality in Neuropsychology: The Virtual Multiple Errands Test for the Assessment of Executive Functions in Parkinsonâ€™s Disease. Intelligent Systems Reference Library, 2014, , 257-274.	1.2	9
79	COVID Feel Good: Evaluation of a Self-Help Protocol to Overcome the Psychological Burden of the COVID-19 Pandemic in a German Sample. Journal of Clinical Medicine, 2022, 11, 2080.	2.4	9
80	Assessment of Unilateral Spatial Neglect Using a Free Mobile Application for Italian Clinicians. Frontiers in Psychology, 2018, 9, 2241.	2.1	8
81	Learning Island: the development of a virtual reality system for the experiential training of stress management. Studies in Health Technology and Informatics, 2012, 173, 369-71.	0.3	8
82	Smartphone Based Experience Sampling of Stress-Related Events. , 2013, , .		7
83	Neglect App. Usability of a new application for assessment and rehabilitation of neglect. , 2015, , .		7
84	Exploring Virtual Reality for the Assessment and Rehabilitation of Executive Functions. International Journal of Virtual and Augmented Reality, 2018, 2, 32-47.	0.8	7
85	Ageing Positively with Digital Games. Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering, 2017, , 148-155.	0.3	7
86	The Use of Virtual Reality Tools for the Assessment of Executive Functions and Unilateral Spatial Neglect. Advances in Medical Technologies and Clinical Practice Book Series, 2016, , 115-140.	0.3	7
87	Inter-reality in the evaluation and treatment of psychological stress disorders: the INTERSTRESS project. Studies in Health Technology and Informatics, 2012, 181, 8-11.	0.3	7
88	Do not get lost in translation: The role of egocentric heading in spatial orientation. Neuroscience Letters, 2015, 602, 84-88.	2.1	6
89	Virtual Reality as a Potential Tool to Face Frailty Challenges. Frontiers in Psychology, 2017, 8, 1541.	2.1	6
90	Cerebellar Transcranial Direct Current Stimulation (tDCS), Leaves Virtual Navigation Performance Unchanged. Frontiers in Neuroscience, 2019, 13, 198.	2.8	6

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91	Technology and Cognitive Empowerment for Healthy Elderly. Advances in Psychology, Mental Health, and Behavioral Studies, 2016, , 193-213.	0.1	6
92	An open source mobile platform for psychophysiological self tracking. Studies in Health Technology and Informatics, 2012, 173, 136-8.	0.3	6
93	An Innovative Virtual Reality-Based Training Program for the Rehabilitation of Cognitive Frail Patients. Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering, 2018, , 62-66.	0.3	5
94	Feeling Ghost Food as Real One: Psychometric Assessment of Presence Engagement Exposing to Food in Augmented Reality. Communications in Computer and Information Science, 2016, , 99-109.	0.5	4
95	Virtual Reality for theÂTreatment of Body Image Disturbances in Eating and Weight Disorders. , 2018, , 333-351.		4
96	Low-Cost Motion-Tracking for Computational Psychometrics Based on Virtual Reality. Lecture Notes in Computer Science, 2014, , 137-148.	1.3	4
97	The role of reference frames in memory recollection. Behavioral and Brain Sciences, 2019, 42, e296.	0.7	4
98	Beyond Cognitive Rehabilitation: Immersive but Noninvasive Treatment for Elderly. Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering, 2019, , 263-273.	0.3	3
99	Immersive Episodic Memory Assessment with 360Â° Videos: The Protocol and a Case Study. Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering, 2019, , 117-128.	0.3	3
100	Assessing the mental frame syncing in the elderly: a virtual reality protocol. Studies in Health Technology and Informatics, 2014, 199, 153-7.	0.3	3
101	The Psychology of Social Networking. Cyberpsychology, Behavior, and Social Networking, 2017, 20, 207-207.	3.9	2
102	An Immersive Cognitive Rehabilitation Program: A Case Study. Biosystems and Biorobotics, 2019, , 711-715.	0.3	2
103	The Contribution of Allocentric Impairments to the Cognitive Decline in Alzheimerâ€™s Disease. Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering, 2018, , 84-91.	0.3	2
104	Computational Paradigms for Mental Health. Computational and Mathematical Methods in Medicine, 2017, 2017, 1-2.	1.3	1
105	The ActiveAgeing Mobile App for Diabetes Self-management: First Adherence Data and Analysis of Patientsâ€™ in-App Notes. Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering, 2018, , 129-138.	0.3	1
106	Psychological Correlates of Interoceptive Perception in Healthy Population. Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering, 2019, , 71-82.	0.3	0
107	Technology and Cognitive Empowerment for Healthy Elderly. , 2021, , 632-652.		0
108	Exploring Virtual Reality for the Assessment and Rehabilitation of Executive Functions. , 2021, , 866-884.		0

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109	Modeling the Diffusion of Psychological Stress. Advances in Healthcare Information Systems and Administration Book Series, 2014, , 178-204.	0.2	0
110	The Use of Virtual Reality Tools for the Assessment of Executive Functions and Unilateral Spatial Neglect. , 0, , 891-916.		0