

# Santos Villafaina

## List of Publications by Year in descending order

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Version: 2024-02-01

89  
papers

23,125  
citations

331538

21  
h-index

51562

86  
g-index

91  
all docs

91  
docs citations

91  
times ranked

36993  
citing authors

#	ARTICLE	IF	CITATIONS
1	Global, regional, and national incidence, prevalence, and years lived with disability for 354 diseases and injuries for 195 countries and territories, 1990–2017: a systematic analysis for the Global Burden of Disease Study 2017. <i>Lancet, The</i> , 2018, 392, 1789-1858.	6.3	8,569
2	Global, regional, and national age-sex-specific mortality for 282 causes of death in 195 countries and territories, 1980–2017: a systematic analysis for the Global Burden of Disease Study 2017. <i>Lancet, The</i> , 2018, 392, 1736-1788.	6.3	4,989
3	Global, regional, and national comparative risk assessment of 84 behavioural, environmental and occupational, and metabolic risks or clusters of risks for 195 countries and territories, 1990–2017: a systematic analysis for the Global Burden of Disease Study 2017. <i>Lancet, The</i> , 2018, 392, 1923-1994.	6.3	3,269
4	Global, regional, and national disability-adjusted life-years (DALYs) for 359 diseases and injuries and healthy life expectancy (HALE) for 195 countries and territories, 1990–2017: a systematic analysis for the Global Burden of Disease Study 2017. <i>Lancet, The</i> , 2018, 392, 1859-1922.	6.3	2,123
5	Global, regional, and national burden of Parkinson's disease, 1990–2016: a systematic analysis for the Global Burden of Disease Study 2016. <i>Lancet Neurology, The</i> , 2018, 17, 939-953.	4.9	1,573
6	Global, regional, and national age-sex-specific mortality and life expectancy, 1950–2017: a systematic analysis for the Global Burden of Disease Study 2017. <i>Lancet, The</i> , 2018, 392, 1684-1735.	6.3	716
7	Measuring progress from 1990 to 2017 and projecting attainment to 2030 of the health-related Sustainable Development Goals for 195 countries and territories: a systematic analysis for the Global Burden of Disease Study 2017. <i>Lancet, The</i> , 2018, 392, 2091-2138.	6.3	335
8	Population and fertility by age and sex for 195 countries and territories, 1950–2017: a systematic analysis for the Global Burden of Disease Study 2017. <i>Lancet, The</i> , 2018, 392, 1995-2051.	6.3	294
9	The global burden of falls: global, regional and national estimates of morbidity and mortality from the Global Burden of Disease Study 2017. <i>Injury Prevention</i> , 2020, 26, i3-i11.	1.2	185
10	Effect of COVID-19 on Health-Related Quality of Life in Adolescents and Children: A Systematic Review. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 4563.	1.2	131
11	Physical Exercise Improves Heart Rate Variability in Patients with Type 2 Diabetes: A Systematic Review. <i>Current Diabetes Reports</i> , 2017, 17, 110.	1.7	50
12	Differences Between High vs. Low Performance Chess Players in Heart Rate Variability During Chess Problems. <i>Frontiers in Psychology</i> , 2019, 10, 409.	1.1	46
13	Effects of High-Intensity Interval Training and Moderate-Intensity Training on Stress, Depression, Anxiety, and Resilience in Healthy Adults During Coronavirus Disease 2019 Confinement: A Randomized Controlled Trial. <i>Frontiers in Psychology</i> , 2021, 12, 643069.	1.1	45
14	Use of Biotechnological Devices in the Quantification of Psychophysiological Workload of Professional Chess Players. <i>Journal of Medical Systems</i> , 2018, 42, 40.	2.2	34
15	The Effect of COVID-19 Confinement in Behavioral, Psychological, and Training Patterns of Chess Players. <i>Frontiers in Psychology</i> , 2020, 11, 1812.	1.1	34
16	Benefits of Hippotherapy and Horse Riding Simulation Exercise on Healthy Older Adults: A Systematic Review. <i>PM and R</i> , 2018, 10, 1062-1072.	0.9	31
17	Electroencephalographic response of chess players in decision-making processes under time pressure. <i>Physiology and Behavior</i> , 2019, 198, 140-143.	1.0	29
18	Reliability of isokinetic knee strength measurements in children: A systematic review and meta-analysis. <i>PLoS ONE</i> , 2019, 14, e0226274.	1.1	27

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19	Psychophysiological stress response of adolescent chess players during problem-solving tasks. <i>Physiology and Behavior</i> , 2019, 209, 112609.	1.0	26
20	Effects of 24-week exergame intervention on physical function under single- and dual-task conditions in fibromyalgia: A randomized controlled trial. <i>Scandinavian Journal of Medicine and Science in Sports</i> , 2019, 29, 1610-1617.	1.3	24
21	Impact of Fibromyalgia on Alpha-2 EEG Power Spectrum in the Resting Condition: A Descriptive Correlational Study. <i>BioMed Research International</i> , 2019, 2019, 1-6.	0.9	24
22	Heart rate variability and pre-competitive anxiety according to the demanding level of the match in female soccer athletes. <i>Physiology and Behavior</i> , 2020, 222, 112926.	1.0	24
23	Benefits of 24-Week Exergame Intervention on Health-Related Quality of Life and Pain in Women with Fibromyalgia: A Single-Blind, Randomized Controlled Trial. <i>Games for Health Journal</i> , 2019, 8, 380-386.	1.1	23
24	Effect of Exergame Training and Detraining on Lower-Body Strength, Agility, and Cardiorespiratory Fitness in Women with Fibromyalgia: Single-Blinded Randomized Controlled Trial. <i>International Journal of Environmental Research and Public Health</i> , 2020, 17, 161.	1.2	22
25	Effects of Dog-Based Animal-Assisted Interventions in Prison Population: A Systematic Review. <i>Animals</i> , 2020, 10, 2129.	1.0	22
26	Impact of adding a cognitive task while performing physical fitness tests in women with fibromyalgia. <i>Medicine (United States)</i> , 2018, 97, e13791.	0.4	21
27	Psychophysiological response of military pilots in different combat flight maneuvers in a flight simulator. <i>Physiology and Behavior</i> , 2021, 238, 113483.	1.0	20
28	Effects of Exergames on Brain Dynamics in Women with Fibromyalgia: A Randomized Controlled Trial. <i>Journal of Clinical Medicine</i> , 2019, 8, 1015.	1.0	17
29	Effects of Ashwagandha ( <i>Withania somnifera</i> ) on VO <sub>2</sub> max: A Systematic Review and Meta-Analysis. <i>Nutrients</i> , 2020, 12, 1119.	1.7	17
30	Effects of Dance on Pain in Patients with Fibromyalgia: A Systematic Review and Meta-Analysis. <i>Evidence-based Complementary and Alternative Medicine</i> , 2018, 2018, 1-16.	0.5	16
31	The Automatic Assessment of Strength and Mobility in Older Adults: A Test-Retest Reliability Study. <i>Medicina (Lithuania)</i> , 2019, 55, 270.	0.8	16
32	Effects of exergames on heart rate variability of women with fibromyalgia: A randomized controlled trial. <i>Scientific Reports</i> , 2020, 10, 5168.	1.6	16
33	Reliability of the 30 s Chair Stand Test in Women with Fibromyalgia. <i>International Journal of Environmental Research and Public Health</i> , 2019, 16, 2344.	1.2	15
34	Effects of Equine-Assisted Therapies or Horse-Riding Simulators on Chronic Pain: A Systematic Review and Meta-Analysis. <i>Medicina (Lithuania)</i> , 2020, 56, 444.	0.8	15
35	Impact of Real and Simulated Flights on Psychophysiological Response of Military Pilots. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 787.	1.2	15
36	Influence of depressive feelings in the brain processing of women with fibromyalgia. <i>Medicine (United States)</i> , 2018, 97, e13791.	0.4	14

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37	Impact of adding a simultaneous cognitive task in the elbow's range of movement during arm curl test in women with fibromyalgia. <i>Clinical Biomechanics</i> , 2019, 65, 110-115.	0.5	14
38	Heart and Brain Responses to Real Versus Simulated Chess Games in Trained Chess Players: A Quantitative EEG and HRV Study. <i>International Journal of Environmental Research and Public Health</i> , 2019, 16, 5021.	1.2	14
39	Influence of a Cell-Phone Conversation on Balance Performance in Women with Fibromyalgia: A Cross-Sectional Descriptive Study. <i>BioMed Research International</i> , 2019, 2019, 1-6.	0.9	12
40	Test-Retest Reliability of Kinematic Parameters of Timed Up and Go in People with Type 2 Diabetes. <i>Applied Sciences (Switzerland)</i> , 2019, 9, 4709.	1.3	11
41	Chess Players Increase the Theta Power Spectrum When the Difficulty of the Opponent Increases: An EEG Study. <i>International Journal of Environmental Research and Public Health</i> , 2020, 17, 46.	1.2	11
42	The Role of Physical Activity in the Relationship between Satisfaction with Life and Health-Related Quality of Life in School-Age Adolescents. <i>Behavioral Sciences (Basel, Switzerland)</i> , 2021, 11, 121.	1.0	11
43	Dynamics of the Prefrontal Cortex during Chess-Based Problem-Solving Tasks in Competition-Experienced Chess Players: An fNIR Study. <i>Sensors</i> , 2020, 20, 3917.	2.1	10
44	Test-Retest Reliability of Vibration Perception Threshold Test in People with Type 2 Diabetes Mellitus. <i>International Journal of Environmental Research and Public Health</i> , 2020, 17, 1773.	1.2	10
45	Influence of Horseback Riding and Horse Simulator Riding on Heart Rate Variability: Are There Differences?. <i>Applied Sciences (Switzerland)</i> , 2019, 9, 2194.	1.3	9
46	Effects of 8-Week Whole-Body Vibration Training on the HbA1c, Quality of Life, Physical Fitness, Body Composition and Foot Health Status in People with T2DM: A Double-Blinded Randomized Controlled Trial. <i>International Journal of Environmental Research and Public Health</i> , 2020, 17, 1317.	1.2	9
47	Relationship between Kinesiophobia and Mobility, Impact of the Disease, and Fear of Falling in Women with and without Fibromyalgia: A Cross-Sectional Study. <i>International Journal of Environmental Research and Public Health</i> , 2022, 19, 8257.	1.2	9
48	Impact of cognitive tasks on biomechanical and kinematic parameters of gait in women with fibromyalgia: A cross-sectional study. <i>Physiology and Behavior</i> , 2020, 227, 113171.	1.0	8
49	MoCA vs. MMSE of Fibromyalgia Patients: The Possible Role of Dual-Task Tests in Detecting Cognitive Impairment. <i>Journal of Clinical Medicine</i> , 2021, 10, 125.	1.0	8
50	The Role of Exercise to Reduce the Impact of Diabetes in the Seminal Quality: A Systematic Review. <i>Medicina (Lithuania)</i> , 2021, 57, 159.	0.8	8
51	Duration of the Symptoms and Brain Aging in Women with Fibromyalgia: A Cross-Sectional Study. <i>Applied Sciences (Switzerland)</i> , 2019, 9, 2106.	1.3	7
52	Copenhagen Adduction Exercise to Increase Eccentric Strength: A Systematic Review and Meta-Analysis. <i>Applied Sciences (Switzerland)</i> , 2020, 10, 2863.	1.3	7
53	Gender and Age Influence in Pre-Competitive and Post-Competitive Anxiety in Young Tennis Players. <i>Sustainability</i> , 2022, 14, 4966.	1.6	7
54	Strength Assessment Under Dual Task Conditions in Women with Fibromyalgia: A Test-Retest Reliability Study. <i>International Journal of Environmental Research and Public Health</i> , 2019, 16, 4971.	1.2	6

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55	Effects of 24-Week Exergame Intervention on the Gray Matter Volume of Different Brain Structures in Women with Fibromyalgia: A Single-Blind, Randomized Controlled Trial. <i>Journal of Clinical Medicine</i> , 2020, 9, 2436.	1.0	6
56	Foot Health Status Questionnaire (FHSQ) in Spanish People with Type 2 Diabetes Mellitus: Preliminary Values Study. <i>International Journal of Environmental Research and Public Health</i> , 2020, 17, 3643.	1.2	6
57	Effect of dance therapies on motor-cognitive dual-task performance in middle-aged and older adults: a systematic review and meta-analysis. <i>Disability and Rehabilitation</i> , 2020, 43, 1-12.	0.9	6
58	Impact of Fibromyalgia in the Hippocampal Subfields Volumes of Women—An MRI Study. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 1549.	1.2	6
59	Neurophysiological Differences Between Women With Fibromyalgia and Healthy Controls During Dual Task: A Pilot Study. <i>Frontiers in Psychology</i> , 2020, 11, 558849.	1.1	6
60	Coach's Perception of Parent's Attitudes in School-Age Sports. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 10701.	1.2	6
61	Impact of match-induced pressure on HRV of junior tennis players. <i>Physiology and Behavior</i> , 2022, 252, 113836.	1.0	6
62	Comparative Effects of High-Intensity Interval Training vs Moderate-Intensity Continuous Training in Phase III of a Tennis-Based Cardiac Rehabilitation Program: A Pilot Randomized Controlled Trial. <i>Sustainability</i> , 2020, 12, 4134.	1.6	5
63	Effects of Dog-Assisted Education on Physical and Communicative Skills in Children with Severe and Multiple Disabilities: A Pilot Study. <i>Animals</i> , 2021, 11, 1741.	1.0	5
64	Heart Rate Variability Monitoring during a Padel Match. <i>International Journal of Environmental Research and Public Health</i> , 2022, 19, 3623.	1.2	5
65	Effects of a Physical Literacy Breaks (PLBreaks) Program on Physical Literacy and Body Composition in Portuguese Schoolchildren: A Study Protocol. <i>Biology</i> , 2022, 11, 910.	1.3	5
66	Association between TUG and Anthropometric Values, Vibration Perception Threshold, FHSQ and 15-D in Type 2 Diabetes Mellitus Patients. <i>International Journal of Environmental Research and Public Health</i> , 2020, 17, 2018.	1.2	4
67	Mobility Assessment under Dual Task Conditions in Women With Fibromyalgia: A Test-Retest Reliability Study. <i>PM and R</i> , 2021, 13, 66-72.	0.9	4
68	Neurophysiological and autonomic responses of high and low level chess players during difficult and easy chess endgames – A quantitative EEG and HRV study. <i>Physiology and Behavior</i> , 2021, 237, 113454.	1.0	4
69	Impact of the Result of Soccer Matches on the Heart Rate Variability of Women Soccer Players. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 9414.	1.2	4
70	Zumba®, Fat Mass and Maximum Oxygen Consumption: A Systematic Review and Meta-Analysis. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 105.	1.2	4
71	Creative versus repetitive dance therapies to reduce the impact of fibromyalgia and pain: A systematic review and meta-analysis. <i>Complementary Therapies in Clinical Practice</i> , 2022, 47, 101577.	0.7	4
72	Physical Strength Perception of Older Caregivers in Rural Areas. <i>Medicina (Lithuania)</i> , 2019, 55, 692.	0.8	3

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73	Physical Exercise Improves Heart-Rate Variability in Obese Children and Adolescents: A Systematic Review. Sustainability, 2021, 13, 2946.	1.6	3
74	Effects of Dog-Assisted Therapy in Adolescents with Eating Disorders: A Study Protocol for a Pilot Controlled Trial. Animals, 2021, 11, 2784.	1.0	3
75	Effects of Dog-Assisted Therapy on the Physical Function and Communication Skills of Adults with Autism: A Study Protocol for a Controlled Study. Applied Sciences (Switzerland), 2021, 11, 10650.	1.3	3
76	Impact of HIIT Sessions with and without Cognitive Load on Cortical Arousal, Accuracy and Perceived Exertion in Amateur Tennis Players. Healthcare (Switzerland), 2022, 10, 767.	1.0	3
77	Acute Effects of a Whole Body Vibration Session on the Vibration Perception Threshold in Patients with Type 2 Diabetes Mellitus. International Journal of Environmental Research and Public Health, 2020, 17, 4356.	1.2	2
78	Association between 30-s Chair Stand-Up Test and Anthropometric Values, Vibration Perception Threshold, FHSQ, and 15-D in Patients with Type 2 Diabetes Mellitus. Biology, 2021, 10, 246.	1.3	2
79	Fibromyalgia impact in the prefrontal cortex subfields: An assessment with MRI. Clinical Neurology and Neurosurgery, 2022, 219, 107344.	0.6	2
80	Impact of Basketball Match on the Pre-Competitive Anxiety and HRV of Youth Female Players. International Journal of Environmental Research and Public Health, 2022, 19, 7894.	1.2	2
81	Are there neurophysiological differences behind the play of different chess modalities?: An international grandmaster case study.. Physiology and Behavior, 2022, 255, 113918.	1.0	2
82	Effects of Transcranial Direct Current Stimulation on Brain Electrical Activity, Heart Rate Variability, and Dual-Task Performance in Healthy and Fibromyalgia Women: A Study Protocol. Behavioral Sciences (Basel, Switzerland), 2022, 12, 37.	1.0	1
83	Effects of 4 Weeks of Variability of Practice Training in Padel Double Right Wall: A Randomized Controlled Trial. Motor Control, 2022, 26, 278-290.	0.3	1
84	Benefits of Equine-Assisted Therapies in People with Multiple Sclerosis: A Systematic Review. Evidence-based Complementary and Alternative Medicine, 2022, 2022, 1-15.	0.5	1
85	What Mathematical Models Are Accurate for Prescribing Aerobic Exercise in Women with Fibromyalgia?. Biology, 2022, 11, 704.	1.3	1
86	Comparison between the Impacts of Memory and Arithmetic-Based Dual Tasks on Physical Performance in Women with Fibromyalgia. Biology, 2022, 11, 947.	1.3	1
87	(Horseback) Riding into the Sunset. Re: "Benefits of Hippotherapy and Horse Riding Simulation Exercise on Healthy Older Adults: A Systematic Review" Reply. PM and R, 2019, 11, 327-328.	0.9	0
88	Cost-Effectiveness of a Whole-Body Vibration Program in Patients with Type 2 Diabetes: A Retrospective Study Protocol. Sustainability, 2021, 13, 2581.	1.6	0
89	Intervenciones asistidas con animales en las ciencias del deporte: una propuesta de inclusi3n entre las actividades f3sicas en el medio natural.. E-Motion Revista De Educaci3n Motricidad E Investigaci3n, 2021, , 69-93.	0.0	0