Ronald G Garcia

List of Publications by Year
in descending order

63	1,845	218677	289244
papers	citations	26 h-index	40 g-index

70	70	70	2576
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Nonpharmacologic Therapeutics Targeting Sex Differences in the Comorbidity of Depression and Cardiovascular Disease. Psychiatric Annals, 2022, 52, 14-19.	0.1	0
2	The Effects of Combined Respiratory-Gated Auricular Vagal Afferent Nerve Stimulation and Mindfulness Meditation for Chronic Low Back Pain: A Pilot Study. Pain Medicine, 2022, 23, 1570-1581.	1.9	3
3	Negative affect moderates the effect of respiratory gated vagal nerve stimulation on pain severity in patients with chronic low back pain. Journal of Pain, 2021, 22, 587.	1.4	0
4	Respiratory-gated auricular vagal afferent nerve stimulation (RAVANS) modulates brain response to stress in major depression. Journal of Psychiatric Research, 2021, 142, 188-197.	3.1	7
5	Frequency-Dependent Effects of Exhalatory-Gated Transcutaneous Vagus Nerve Stimulation on Cardiac Autonomic Regulation in Hypertension. , 2020, , .		1
6	Modulatory Effects of Respiratory-Gated Auricular Vagal Nerve Stimulation on Cardiovagal Activity in Hypertension*. , 2020, 2020, 2581-2584.		6
7	Effects of Respiratory-Gated Auricular Vagal Afferent Nerve Stimulation (RAVANS) in Hypertensive Patients during the Handgrip experiment. , 2020, , .		0
8	Impact of sex and depressed mood on the central regulation of cardiac autonomic function. Neuropsychopharmacology, 2020, 45, 1280-1288.	5.4	9
9	Stimulus frequency modulates brainstem response to respiratory-gated transcutaneous auricular vagus nerve stimulation. Brain Stimulation, 2020, 13, 970-978.	1.6	61
10	International Consensus Based Review and Recommendations for Minimum Reporting Standards in Research on Transcutaneous Vagus Nerve Stimulation (Version 2020). Frontiers in Human Neuroscience, 2020, 14, 568051.	2.0	143
11	Effectiveness of HIIT compared to moderate continuous training in improving vascular parameters in inactive adults. Lipids in Health and Disease, 2019, 18, 42.	3.0	43
12	The influence of respiration on brainstem and cardiovagal response to auricular vagus nerve stimulation: A multimodal ultrahigh-field (7T) fMRI study. Brain Stimulation, 2019, 12, 911-921.	1.6	104
13	Complexity Variability Assessment of Nonlinear Time-Varying Cardiovascular Control. Scientific Reports, 2017, 7, 42779.	3.3	44
14	Cyclic Vomiting Syndrome is characterized by altered functional brain connectivity of the insular cortex: A crossâ€comparison with migraine and healthy adults. Neurogastroenterology and Motility, 2017, 29, e13004.	3.0	25
15	Modulation of brainstem activity and connectivity by respiratory-gated auricular vagal afferent nerve stimulation in migraine patients. Pain, 2017, 158, 1461-1472.	4.2	99
16	Reply. Pain, 2017, 158, 2054-2055.	4.2	0
17	Cortical Thickness Abnormalities Associated with Disease Chronicity in Patients with Cyclic Vomiting Syndrome. Gastroenterology, 2017, 152, S922.	1.3	1
18	Reduced insula habituation associated with amplification of trigeminal brainstem input in migraine. Cephalalgia, 2017, 37, 1026-1038.	3.9	26

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19	Respiratory-gated Auricular Vagal Afferent Nerve Stimulation (RAVANS) effects on autonomic outflow in hypertension. , 2017, 2017, 3130-3133.		15
20	Brain Circuitry Supporting Multi-Organ Autonomic Outflow in Response to Nausea. Cerebral Cortex, 2016, 26, bhu172.	2.9	40
21	Neuroimaging brainstem circuitry supporting cardiovagal response to pain: a combined heart rate variability/ultrahigh-field (7 T) functional magnetic resonance imaging study. Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences, 2016, 374, 20150189.	3.4	39
22	Su1568 Reduced Brain Somatosensory Network Connectivity in Cyclic Vomiting Syndrome and Episodic Migraine Is Region-Specific. Gastroenterology, 2016, 150, S528-S529.	1.3	0
23	Repetitive Transcranial Magnetic Stimulation for Phantom Limb Pain in Land Mine Victims: A Double-Blinded, Randomized, Sham-Controlled Trial. Journal of Pain, 2016, 17, 911-918.	1.4	74
24	(395) Brainstem activity and connectivity is modulated by respiratory-gated auricular vagus afferent nerve stimulation (RAVANS) in migraine patients â€“ an fMRI study. Journal of Pain, 2016, 17, S73-S74.	1.4	2
25	Relationship between cardiac vagal activity and mood congruent memory bias in major depression. Journal of Affective Disorders, 2016, 190, 19-25.	4.1	10
26	Nonlinear digital signal processing in mental health: characterization of major depression using instantaneous entropy measures of heartbeat dynamics. Frontiers in Physiology, 2015, 6, 74.	2.8	21
27	Combining sudomotor nerve impulse estimation with fMRI to investigate the central sympathetic response to nausea. , 2015, 2015, 4683-6.		4
28	Instantaneous bispectral analysis of heartbeat dynamics for the assessment of major depression. , 2015, , .		4
29	834 Neurocircuitry and Neurochemistry of Cyclic Vomiting Syndrome. Gastroenterology, 2015, 148, S-165.	1.3	0
30	Fibromyalgia is characterized by altered frontal and cerebellar structural covariance brain networks. NeuroImage: Clinical, 2015, 7, 667-677.	2.7	51
31	The Somatosensory Link in Fibromyalgia: Functional Connectivity of the Primary Somatosensory Cortex Is Altered by Sustained Pain and Is Associated With Clinical/Autonomic Dysfunction. Arthritis and Rheumatology, 2015, 67, 1395-1405.	5.6	124
32	Pathophysiology and treatment of phantom limb painâ˜†. Colombian Journal of Anesthesiology, 2014, 42, 40-46.	0.1	2
33	Pathophysiology and treatment of phantom limb pain. Colombian Journal of Anesthesiology, 2014, 42, 40-46.	0.1	5
34	682 Brain Circuitry of Autonomic Nervous System Outflow in Response to Nausea. Gastroenterology, 2014, 146, S-121.	1.3	0
35	Aged Garlic Extract Improves Adiponectin Levels in Subjects with Metabolic Syndrome: A Double-Blind, Placebo-Controlled, Randomized, Crossover Study. Mediators of Inflammation, 2013, 2013, 1-6.	3.0	53
36	Angiogenic imbalance and plasma lipid alterations in women with preeclampsia from a developing country. Growth Factors, 2012, 30, 158-166.	1.7	14

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37	Risk Factors for Preeclampsia in Women from Colombia: A Case-Control Study. PLoS ONE, 2012, 7, e41622.	2.5	33
38	Mercury chronic toxicity might be associated to some cases of hydrocephalus in adult humans?. Medical Hypotheses, 2012, 79, 13-16.	1.5	3
39	Sex differences in cardiac autonomic function of depressed young adults. Biological Psychology, 2012, 90, 179-185.	2.2	26
40	Development and Validation of a Quantitative Food Frequency Questionnaire among Rural- and Urban-dwelling Adults in Colombia. Journal of Nutrition Education and Behavior, 2012, 44, 609-613.	0.7	27
41	Nutritional status among women with preâ€eclampsia and healthy pregnant and nonâ€pregnant women in a Latin American country. Journal of Obstetrics and Gynaecology Research, 2012, 38, 498-504.	1.3	21
42	Complicaciones neurolÃ³gicas de la endocarditis infecciosa: controversias. Revista Colombiana De Cardiologia, 2011, 18, 212-219.	0.1	2
43	Hyperinsulinemia is a predictor of new cardiovascular events in Colombian patients with a first myocardial infarction. International Journal of Cardiology, 2011, 148, 85-90.	1.7	26
44	Nonalcoholic fatty liver disease is associated with insulin resistance in a young Hispanic population. Preventive Medicine, 2011, 52, 174-177.	3.4	33
45	Plasma Nitrate Levels and Flow-Mediated Vasodilation in Untreated Major Depression. Psychosomatic Medicine, 2011, 73, 344-349.	2.0	29
46	A Controlled, Randomized-Blinded Clinical Trial to Assess the Efficacy of a Nitric Oxide Releasing Patch in the Treatment of Cutaneous Leishmaniasis by Leishmania (V.) panamensis. American Journal of Tropical Medicine and Hygiene, 2010, 83, 97-101.	1.4	41
47	Clinical trial to assess the effect of physical exercise on endothelial function and insulin resistance in pregnant women. Trials, 2009, 10, 104.	1.6	17
48	Inter-relationships Between Body Mass Index, C-reactive Protein and Blood Pressure in a Hispanic Pediatric Population. American Journal of Hypertension, 2008, 21, 527-532.	2.0	54
49	Review: The role of the L-arginine-nitric oxide pathway in preeclampsia. Therapeutic Advances in Cardiovascular Disease, 2008, 2, 261-275.	2.1	65
50	Cardiovascular prevention in high-risk patients with type 2 diabetes mellitus: when to start it?. European Heart Journal, 2008, 29, 2058-2058.	2.2	7
51	Raised C-Reactive Protein and Impaired Flow-Mediated Vasodilation Precede the Development of Preeclampsia. American Journal of Hypertension, 2007, 20, 98-103.	2.0	77
52	Determination of Insulin Resistance Using the Homeostatic Model Assessment (HOMA) and its Relation With the Risk of Developing Pregnancy-Induced Hypertension. American Journal of Hypertension, 2007, 20, 437-442.	2.0	51
53	Reply to: Endothelial Dysfunction and Preeclampsia. American Journal of Hypertension, 2007, 20, 1027-1027.	2.0	0
54	Plasma concentrations of asymmetric dimethylarginine (ADMA) in metabolic syndrome. International Journal of Cardiology, 2007, 122, 176-178.	1.7	47

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55	Calcium and Conjugated Linoleic Acid Reduces Pregnancy-Induced Hypertension and Decreases Intracellular Calcium in Lymphocytes. American Journal of Hypertension, 2006, 19, 381-387.	2.0	45
56	A proposal for an appropriate central obesity diagnosis in Latin American population. International Journal of Cardiology, 2006, 110, 263-264.	1.7	37
57	Flow-mediated dilatation of the brachial artery in pregnancy. International Journal of Gynecology and Obstetrics, 2006, 93, 60-61.	2.3	35
58	Preventing pregnancy-induced hypertension: the role of calcium and magnesium. Journal of Hypertension, 2006, 24, 201.	0.5	6
59	Central serotoninergic response to orthostatic challenge in patients with neurocardiogenic syncope. Europace, 2006, 8, 306-311.	1.7	4
60	Preventing pregnancy-induced hypertension: are there regional differences for this global problem?. Journal of Hypertension, 2005, 23, 1121-1129.	0.5	63
61	Calcium plus linoleic acid therapy for pregnancy-induced hypertension. International Journal of Gynecology and Obstetrics, 2005, 91, 221-227.	2.3	38
62	Effects of Respiratory-Gated Auricular Vagal Nerve Stimulation (RAVANS) on Nonlinear Heartbeat Dynamics of Hypertensive Patients. , 0, , .		2
63	Acute Effects of Respiratory-Gated Auricular Vagal Afferent Nerve Stimulation in the Modulation of Blood Pressure in Hypertensive Patients. , 0, , .		9