

Ronald G Garcia

List of Publications by Year in descending order

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Version: 2024-02-01

63
papers

1,845
citations

218677

26
h-index

289244

40
g-index

70
all docs

70
docs citations

70
times ranked

2576
citing authors

#	ARTICLE	IF	CITATIONS
1	International Consensus Based Review and Recommendations for Minimum Reporting Standards in Research on Transcutaneous Vagus Nerve Stimulation (Version 2020). <i>Frontiers in Human Neuroscience</i> , 2020, 14, 568051.	2.0	143
2	The Somatosensory Link in Fibromyalgia: Functional Connectivity of the Primary Somatosensory Cortex Is Altered by Sustained Pain and Is Associated With Clinical/Autonomic Dysfunction. <i>Arthritis and Rheumatology</i> , 2015, 67, 1395-1405.	5.6	124
3	The influence of respiration on brainstem and cardiovagal response to auricular vagus nerve stimulation: A multimodal ultrahigh-field (7T) fMRI study. <i>Brain Stimulation</i> , 2019, 12, 911-921.	1.6	104
4	Modulation of brainstem activity and connectivity by respiratory-gated auricular vagal afferent nerve stimulation in migraine patients. <i>Pain</i> , 2017, 158, 1461-1472.	4.2	99
5	Raised C-Reactive Protein and Impaired Flow-Mediated Vasodilation Precede the Development of Preeclampsia. <i>American Journal of Hypertension</i> , 2007, 20, 98-103.	2.0	77
6	Repetitive Transcranial Magnetic Stimulation for Phantom Limb Pain in Land Mine Victims: A Double-Blinded, Randomized, Sham-Controlled Trial. <i>Journal of Pain</i> , 2016, 17, 911-918.	1.4	74
7	Review: The role of the L-arginine-nitric oxide pathway in preeclampsia. <i>Therapeutic Advances in Cardiovascular Disease</i> , 2008, 2, 261-275.	2.1	65
8	Preventing pregnancy-induced hypertension: are there regional differences for this global problem?. <i>Journal of Hypertension</i> , 2005, 23, 1121-1129.	0.5	63
9	Stimulus frequency modulates brainstem response to respiratory-gated transcutaneous auricular vagus nerve stimulation. <i>Brain Stimulation</i> , 2020, 13, 970-978.	1.6	61
10	Inter-relationships Between Body Mass Index, C-reactive Protein and Blood Pressure in a Hispanic Pediatric Population. <i>American Journal of Hypertension</i> , 2008, 21, 527-532.	2.0	54
11	Aged Garlic Extract Improves Adiponectin Levels in Subjects with Metabolic Syndrome: A Double-Blind, Placebo-Controlled, Randomized, Crossover Study. <i>Mediators of Inflammation</i> , 2013, 2013, 1-6.	3.0	53
12	Determination of Insulin Resistance Using the Homeostatic Model Assessment (HOMA) and its Relation With the Risk of Developing Pregnancy-Induced Hypertension. <i>American Journal of Hypertension</i> , 2007, 20, 437-442.	2.0	51
13	Fibromyalgia is characterized by altered frontal and cerebellar structural covariance brain networks. <i>NeuroImage: Clinical</i> , 2015, 7, 667-677.	2.7	51
14	Plasma concentrations of asymmetric dimethylarginine (ADMA) in metabolic syndrome. <i>International Journal of Cardiology</i> , 2007, 122, 176-178.	1.7	47
15	Calcium and Conjugated Linoleic Acid Reduces Pregnancy-Induced Hypertension and Decreases Intracellular Calcium in Lymphocytes. <i>American Journal of Hypertension</i> , 2006, 19, 381-387.	2.0	45
16	Complexity Variability Assessment of Nonlinear Time-Varying Cardiovascular Control. <i>Scientific Reports</i> , 2017, 7, 42779.	3.3	44
17	Effectiveness of HIIT compared to moderate continuous training in improving vascular parameters in inactive adults. <i>Lipids in Health and Disease</i> , 2019, 18, 42.	3.0	43
18	A Controlled, Randomized-Blinded Clinical Trial to Assess the Efficacy of a Nitric Oxide Releasing Patch in the Treatment of Cutaneous Leishmaniasis by <i>Leishmania (V.) panamensis</i> . <i>American Journal of Tropical Medicine and Hygiene</i> , 2010, 83, 97-101.	1.4	41

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19	Brain Circuitry Supporting Multi-Organ Autonomic Outflow in Response to Nausea. <i>Cerebral Cortex</i> , 2016, 26, bhu172.	2.9	40
20	Neuroimaging brainstem circuitry supporting cardiovagal response to pain: a combined heart rate variability/ultrahigh-field (7 T) functional magnetic resonance imaging study. <i>Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences</i> , 2016, 374, 20150189.	3.4	39
21	Calcium plus linoleic acid therapy for pregnancy-induced hypertension. <i>International Journal of Gynecology and Obstetrics</i> , 2005, 91, 221-227.	2.3	38
22	A proposal for an appropriate central obesity diagnosis in Latin American population. <i>International Journal of Cardiology</i> , 2006, 110, 263-264.	1.7	37
23	Flow-mediated dilatation of the brachial artery in pregnancy. <i>International Journal of Gynecology and Obstetrics</i> , 2006, 93, 60-61.	2.3	35
24	Nonalcoholic fatty liver disease is associated with insulin resistance in a young Hispanic population. <i>Preventive Medicine</i> , 2011, 52, 174-177.	3.4	33
25	Risk Factors for Preeclampsia in Women from Colombia: A Case-Control Study. <i>PLoS ONE</i> , 2012, 7, e41622.	2.5	33
26	Plasma Nitrate Levels and Flow-Mediated Vasodilation in Untreated Major Depression. <i>Psychosomatic Medicine</i> , 2011, 73, 344-349.	2.0	29
27	Development and Validation of a Quantitative Food Frequency Questionnaire among Rural- and Urban-dwelling Adults in Colombia. <i>Journal of Nutrition Education and Behavior</i> , 2012, 44, 609-613.	0.7	27
28	Hyperinsulinemia is a predictor of new cardiovascular events in Colombian patients with a first myocardial infarction. <i>International Journal of Cardiology</i> , 2011, 148, 85-90.	1.7	26
29	Sex differences in cardiac autonomic function of depressed young adults. <i>Biological Psychology</i> , 2012, 90, 179-185.	2.2	26
30	Reduced insula habituation associated with amplification of trigeminal brainstem input in migraine. <i>Cephalalgia</i> , 2017, 37, 1026-1038.	3.9	26
31	Cyclic Vomiting Syndrome is characterized by altered functional brain connectivity of the insular cortex: A crossâ€comparison with migraine and healthy adults. <i>Neurogastroenterology and Motility</i> , 2017, 29, e13004.	3.0	25
32	Nutritional status among women with preâ€eclampsia and healthy pregnant and nonâ€pregnant women in a Latin American country. <i>Journal of Obstetrics and Gynaecology Research</i> , 2012, 38, 498-504.	1.3	21
33	Nonlinear digital signal processing in mental health: characterization of major depression using instantaneous entropy measures of heartbeat dynamics. <i>Frontiers in Physiology</i> , 2015, 6, 74.	2.8	21
34	Clinical trial to assess the effect of physical exercise on endothelial function and insulin resistance in pregnant women. <i>Trials</i> , 2009, 10, 104.	1.6	17
35	Respiratory-gated Auricular Vagal Afferent Nerve Stimulation (RAVANS) effects on autonomic outflow in hypertension. , 2017, 2017, 3130-3133.		15
36	Angiogenic imbalance and plasma lipid alterations in women with preeclampsia from a developing country. <i>Growth Factors</i> , 2012, 30, 158-166.	1.7	14

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37	Relationship between cardiac vagal activity and mood congruent memory bias in major depression. <i>Journal of Affective Disorders</i> , 2016, 190, 19-25.	4.1	10
38	Impact of sex and depressed mood on the central regulation of cardiac autonomic function. <i>Neuropsychopharmacology</i> , 2020, 45, 1280-1288.	5.4	9
39	Acute Effects of Respiratory-Gated Auricular Vagal Afferent Nerve Stimulation in the Modulation of Blood Pressure in Hypertensive Patients. , 0, , .		9
40	Cardiovascular prevention in high-risk patients with type 2 diabetes mellitus: when to start it?. <i>European Heart Journal</i> , 2008, 29, 2058-2058.	2.2	7
41	Respiratory-gated auricular vagal afferent nerve stimulation (RAVANS) modulates brain response to stress in major depression. <i>Journal of Psychiatric Research</i> , 2021, 142, 188-197.	3.1	7
42	Preventing pregnancy-induced hypertension: the role of calcium and magnesium. <i>Journal of Hypertension</i> , 2006, 24, 201.	0.5	6
43	Modulatory Effects of Respiratory-Gated Auricular Vagal Nerve Stimulation on Cardiovascular Activity in Hypertension*. , 2020, 2020, 2581-2584.		6
44	Pathophysiology and treatment of phantom limb pain. <i>Colombian Journal of Anesthesiology</i> , 2014, 42, 40-46.	0.1	5
45	Central serotonergic response to orthostatic challenge in patients with neurocardiogenic syncope. <i>Europace</i> , 2006, 8, 306-311.	1.7	4
46	Combining sudomotor nerve impulse estimation with fMRI to investigate the central sympathetic response to nausea. , 2015, 2015, 4683-6.		4
47	Instantaneous bispectral analysis of heartbeat dynamics for the assessment of major depression. , 2015, , .		4
48	Mercury chronic toxicity might be associated to some cases of hydrocephalus in adult humans?. <i>Medical Hypotheses</i> , 2012, 79, 13-16.	1.5	3
49	The Effects of Combined Respiratory-Gated Auricular Vagal Afferent Nerve Stimulation and Mindfulness Meditation for Chronic Low Back Pain: A Pilot Study. <i>Pain Medicine</i> , 2022, 23, 1570-1581.	1.9	3
50	Complicaciones neurológicas de la endocarditis infecciosa: controversias. <i>Revista Colombiana De Cardiología</i> , 2011, 18, 212-219.	0.1	2
51	Pathophysiology and treatment of phantom limb pain. <i>Colombian Journal of Anesthesiology</i> , 2014, 42, 40-46.	0.1	2
52	(395) Brainstem activity and connectivity is modulated by respiratory-gated auricular vagus afferent nerve stimulation (RAVANS) in migraine patients – an fMRI study. <i>Journal of Pain</i> , 2016, 17, S73-S74.	1.4	2
53	Effects of Respiratory-Gated Auricular Vagal Nerve Stimulation (RAVANS) on Nonlinear Heartbeat Dynamics of Hypertensive Patients. , 0, , .		2
54	Cortical Thickness Abnormalities Associated with Disease Chronicity in Patients with Cyclic Vomiting Syndrome. <i>Gastroenterology</i> , 2017, 152, S922.	1.3	1

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55	Frequency-Dependent Effects of Exhalatory-Gated Transcutaneous Vagus Nerve Stimulation on Cardiac Autonomic Regulation in Hypertension. , 2020, , .		1
56	Reply to: Endothelial Dysfunction and Preeclampsia. American Journal of Hypertension, 2007, 20, 1027-1027.	2.0	0
57	682 Brain Circuitry of Autonomic Nervous System Outflow in Response to Nausea. Gastroenterology, 2014, 146, S-121.	1.3	0
58	834 Neurocircuitry and Neurochemistry of Cyclic Vomiting Syndrome. Gastroenterology, 2015, 148, S-165.	1.3	0
59	Su1568 Reduced Brain Somatosensory Network Connectivity in Cyclic Vomiting Syndrome and Episodic Migraine Is Region-Specific. Gastroenterology, 2016, 150, S528-S529.	1.3	0
60	Reply. Pain, 2017, 158, 2054-2055.	4.2	0
61	Effects of Respiratory-Gated Auricular Vagal Afferent Nerve Stimulation (RAVANS) in Hypertensive Patients during the Handgrip experiment. , 2020, , .		0
62	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
63	Nonpharmacologic Therapeutics Targeting Sex Differences in the Comorbidity of Depression and Cardiovascular Disease. Psychiatric Annals, 2022, 52, 14-19.	0.1	0