

# Maria Elena Soto

## List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

68

papers

853

citations

17

h-index

26

g-index

89

ext. papers

1,136

ext. citations

3.4

avg, IF

4.35

L-index

#	Paper	IF	Citations
68	Mechanisms Underlying Metabolic Syndrome-Related Sarcopenia and Possible Therapeutic Measures. <i>International Journal of Molecular Sciences</i> , <b>2019</b> , 20,	6.3	52
67	Non-compacted cardiomyopathy: clinical-echocardiographic study. <i>Cardiovascular Ultrasound</i> , <b>2006</b> , 4, 35	2.4	50
66	Echocardiographic follow-up of patients with Takayasu's arteritis: five-year survival. <i>Echocardiography</i> , <b>2006</b> , 23, 353-60	1.5	48
65	Detection of IS6110 and HupB gene sequences of Mycobacterium tuberculosis and bovis in the aortic tissue of patients with Takayasu's arteritis. <i>BMC Infectious Diseases</i> , <b>2012</b> , 12, 194	4	47
64	Primary antiphospholipid syndrome: a 5-year transesophageal echocardiographic followup study. <i>Journal of Rheumatology</i> , <b>2004</b> , 31, 2402-7	4.1	44
63	Aging in blood vessels. Medicinal agents FOR systemic arterial hypertension in the elderly. <i>Ageing Research Reviews</i> , <b>2014</b> , 18, 132-47	12	42
62	Coronary CT angiography in Takayasu arteritis. <i>JACC: Cardiovascular Imaging</i> , <b>2011</b> , 4, 958-66	8.4	42
61	Comparison distribution of HLA-B alleles in mexican patients with takayasu arteritis and tuberculosis. <i>Human Immunology</i> , <b>2007</b> , 68, 449-53	2.3	37
60	Oxidative Stress, Plant Natural Antioxidants, and Obesity. <i>International Journal of Molecular Sciences</i> , <b>2021</b> , 22,	6.3	36
59	Nitrosative Stress and Its Association with Cardiometabolic Disorders. <i>Molecules</i> , <b>2020</b> , 25,	4.8	29
58	Prevalence of Congenital Heart Disease and Pulmonary Hypertension in Down's Syndrome: An Echocardiographic Study. <i>Journal of Cardiovascular Imaging</i> , <b>2015</b> , 23, 72-7	0	28
57	Analysis of oxidative stress enzymes and structural and functional proteins on human aortic tissue from different aortopathies. <i>Oxidative Medicine and Cellular Longevity</i> , <b>2014</b> , 2014, 760694	6.7	27
56	Is Antioxidant Therapy a Useful Complementary Measure for Covid-19 Treatment? An Algorithm for Its Application. <i>Medicina (Lithuania)</i> , <b>2020</b> , 56,	3.1	24
55	Antioxidants and pentoxifylline as coadjuvant measures to standard therapy to improve prognosis of patients with pneumonia by COVID-19. <i>Computational and Structural Biotechnology Journal</i> , <b>2021</b> , 19, 1379-1390	6.8	21
54	Predictive value of antinuclear antibodies in autoimmune diseases classified by clinical criteria: Analytical study in a specialized health institute, one year follow-up. <i>Results in Immunology</i> , <b>2015</b> , 5, 13-22		20
53	Familial collapsing glomerulopathy: clinical, pathological and immunogenetic features. <i>Kidney International</i> , <b>2003</b> , 63, 233-9	9.9	19
52	Comparative study of the residues 63 and 67 on the HLA-B molecule in patients with Takayasu's Arteritis. <i>Immunology Letters</i> , <b>2005</b> , 96, 225-9	4.1	19

51	Altered flow-mediated vasodilatation, low paraoxonase-1 activity, and abnormal high-density lipoprotein subclass distribution in Takayasu's arteritis. <i>Circulation Journal</i> , <b>2009</b> , 73, 760-6	2.9	17
50	Polymorphisms C677T and A1298C of MTHFR Gene: Homocysteine Levels and Prothrombotic Biomarkers in Coronary and Pulmonary Thromboembolic Disease. <i>Clinical and Applied Thrombosis/Hemostasis</i> , <b>2019</b> , 25, 1076029618780344	3.3	16
49	Early Programming of Adult Systemic Essential Hypertension. <i>International Journal of Molecular Sciences</i> , <b>2020</b> , 21,	6.3	14
48	Participation of oleic acid in the formation of the aortic aneurysm in Marfan syndrome patients. <i>Prostaglandins and Other Lipid Mediators</i> , <b>2016</b> , 123, 46-55	3.7	14
47	Glutathione system participation in thoracic aneurysms from patients with Marfan syndrome. <i>Vasa - European Journal of Vascular Medicine</i> , <b>2017</b> , 46, 177-186	1.9	13
46	Participation of Arachidonic Acid Metabolism in the Aortic Aneurysm Formation in Patients with Marfan Syndrome. <i>Frontiers in Physiology</i> , <b>2018</b> , 9, 77	4.6	11
45	Myocardial perfusion defects in patients with autoimmune diseases: a prospective study. Analysis of two diagnostic tests. <i>Lupus</i> , <b>2006</b> , 15, 38-43	2.6	11
44	Alteration in the Lipid Profile and the Desaturases Activity in Patients With Severe Pneumonia by SARS-CoV-2. <i>Frontiers in Physiology</i> , <b>2021</b> , 12, 667024	4.6	11
43	Infusion of Hibiscus sabdariffa L. Modulates Oxidative Stress in Patients with Marfan Syndrome. <i>Mediators of Inflammation</i> , <b>2016</b> , 2016, 8625203	4.3	11
42	The Evaluation of Flow-Mediated Vasodilation in the Brachial Artery Correlates With Endothelial Dysfunction Evaluated by Nitric Oxide Synthase Metabolites in Marfan Syndrome Patients. <i>Frontiers in Physiology</i> , <b>2018</b> , 9, 965	4.6	11
41	Usefulness of Antioxidants as Adjuvant Therapy for Septic Shock: A Randomized Clinical Trial. <i>Medicina (Lithuania)</i> , <b>2020</b> , 56,	3.1	10
40	Oxidant/Antioxidant Profile in the Thoracic Aneurysm of Patients with the Loeys-Dietz Syndrome. <i>Oxidative Medicine and Cellular Longevity</i> , <b>2020</b> , 2020, 5392454	6.7	9
39	PON1 gene polymorphisms and plasma PON1 activities in Takayasu's arteritis disease. <i>Immunology Letters</i> , <b>2013</b> , 152, 77-82	4.1	9
38	Comparative study of the residues 63 and 67 on the HLA-B molecule in patients with Takayasu's arteritis and tuberculosis. <i>Cell Biochemistry and Function</i> , <b>2008</b> , 26, 820-3	4.2	9
37	Evaluation and analysis of plasma soluble adhesion molecules in patients with coronary ectasia and atherosclerotic coronary artery disease. <i>Archives of Medical Research</i> , <b>2014</b> , 45, 478-83	6.6	8
36	Anomalous origin of pulmonary branches from the ascending aorta. A report of five cases and review of the literature. <i>Journal of Cardiology Cases</i> , <b>2015</b> , 11, 1-6	0.6	8
35	Cytological damage of nasal epithelium associated with decreased glutathione peroxidase in residents from a heavily polluted city. <i>International Archives of Occupational and Environmental Health</i> , <b>2009</b> , 82, 603-12	3.2	6
34	Oxidative, Reductive, and Nitrosative Stress Effects on Epigenetics and on Posttranslational Modification of Enzymes in Cardiometabolic Diseases. <i>Oxidative Medicine and Cellular Longevity</i> , <b>2020</b> , 2020, 8819719	6.7	6

33	The UCP2 -866G/A, Ala55Val and UCP3 -55C/T polymorphisms are associated with premature coronary artery disease and cardiovascular risk factors in Mexican population. <i>Genetics and Molecular Biology</i> , <b>2018</b> , 41, 371-378	2	5
32	The kidnapping of mitochondrial function associated with the SARS-CoV-2 infection. <i>Histology and Histopathology</i> , <b>2021</b> , 18354	1.4	5
31	Congenital C2 (type I) deficiency associated with common variable immunodeficiency. <i>Annals of Internal Medicine</i> , <b>2000</b> , 132, 597	8	5
30	Increased expression of miR-33a in monocytes from Mexican hypertensive patients in elevated carotid intima-media thickness. <i>Journal of Human Hypertension</i> , <b>2018</b> , 32, 681-690	2.6	5
29	Pre- and post-surgical evaluation of the inflammatory response in patients with aortic stenosis treated with different types of prosthesis. <i>BMC Cardiovascular Disorders</i> , <b>2017</b> , 17, 100	2.3	4
28	Survival and clinical behavior of hypertrophic cardiomyopathy in a latin american cohort in contrast to cohorts from the developed world. <i>Journal of Cardiovascular Imaging</i> , <b>2015</b> , 23, 20-6	0	4
27	Modulation of Renal Function in a Metabolic Syndrome Rat Model by Antioxidants in L. <i>Molecules</i> , <b>2021</b> , 26,	4.8	4
26	[F]-Sodium fluoride uptake in Takayasu arteritis. <i>Journal of Nuclear Cardiology</i> , <b>2017</b> , 24, 1674-1679	2.1	3
25	Agreement between ST elevation and late enhancement evaluated by MRI in patients with acute myocarditis. <i>Journal of Electrocardiology</i> , <b>2014</b> , 47, 212-8	1.4	3
24	Echocardiographic study of a Mestizo-Mexican population with Marfan syndrome. <i>Echocardiography</i> , <b>2010</b> , 27, 923-30	1.5	3
23	Coronary reserve in Takayasu's arteritis: transesophageal echocardiographic analysis. <i>Echocardiography</i> , <b>2005</b> , 22, 593-8	1.5	3
22	Interconnection between Cardiac Cachexia and Heart Failure-Protective Role of Cardiac Obesity.. <i>Cells</i> , <b>2022</b> , 11,	7.9	3
21	Hyperglycemia and Loss of Redox Homeostasis in COVID-19 Patients.. <i>Cells</i> , <b>2022</b> , 11,	7.9	3
20	Comparison of the amount and patterns of late enhancement in Chagas disease according to the presence and type of ventricular tachycardia. <i>Journal of Cardiovascular Electrophysiology</i> , <b>2019</b> , 30, 1517-1525	2.7	2
19	Cardiac benign tumors: echocardiography and computed tomography findings in two cases with histopathologic correlation. <i>International Cancer Conference Journal</i> , <b>2013</b> , 2, 82-88	0.9	2
18	Preliminary analysis of the association of TRPV1 to the formation of Marfan syndrome aneurysms. <i>Histology and Histopathology</i> , <b>2019</b> , 34, 1329-1343	1.4	2
17	An association study in PTPN22 suggests that is a risk factor to Takayasu's arteritis. <i>Inflammation Research</i> , <b>2019</b> , 68, 195-201	7.2	2
16	The impact of improving the quality of coding in the utilities of Diagnosis Related Groups system in a private healthcare institution. 14-year experience. <i>International Journal of Medical Informatics</i> , <b>2019</b> , 129, 248-252	5.3	1

15	Mechanical deformation in adult patients with unrepaired aortic coarctation. <i>International Journal of Cardiovascular Imaging</i> , <b>2018</b> , 34, 735-741	2.5	1
14	The (G>A) rs11573191 polymorphism of PLA2G5 gene is associated with premature coronary artery disease in the Mexican Mestizo population: the genetics of atherosclerotic disease Mexican study. <i>BioMed Research International</i> , <b>2014</b> , 2014, 931361	3	1
13	Alteration of the Fatty Acid Metabolism in the Rat Kidney Caused by the Injection of Serum from Patients with Collapsing Glomerulopathy. <i>Biomedicines</i> , <b>2020</b> , 8,	4.8	1
12	Mycobacterium tuberculosis in the aorta of a patient with takayasu's arteritis. extra pulmonary tuberculosis. <i>Health</i> , <b>2011</b> , 03, 159-161	0.4	1
11	Aortic Calcification in Takayasu Arteritis: Risk Factors and Relationship With Activity and Vascular Lesion. It Is Not Only an Aging Question. <i>Journal of Clinical Rheumatology</i> , <b>2021</b> , 27, S265-S273	1.1	1
10	Interventricular septum involvement with complete atrioventricular block as first manifestation in Takayasu arteritis. <i>Journal of Nuclear Cardiology</i> , <b>2019</b> , 26, 324-327	2.1	1
9	Oxidative Stress in Plasma from Patients with Marfan Syndrome Is Modulated by Deodorized Garlic Preliminary Findings.. <i>Oxidative Medicine and Cellular Longevity</i> , <b>2022</b> , 2022, 5492127	6.7	0
8	Polymorphisms in TNFAIP3, but not in STAT4, BANK1, BLK, and TNFSF4, are associated with susceptibility to Takayasu arteritis. <i>Cellular Immunology</i> , <b>2021</b> , 365, 104375	4.4	0
7	Systematic review and meta-analysis of aortic valve-sparing surgery versus replacement surgery in ascending aortic aneurysms and dissection in patients with Marfan syndrome and other genetic connective tissue disorders. <i>Journal of Thoracic Disease</i> , <b>2021</b> , 13, 4830-4844	2.6	0
6	Monocyte Low-Density Lipoprotein Receptor-Related Protein 1 (LRP1) Expression Correlates with cIMT in Mexican Hypertensive Patients. <i>Arquivos Brasileiros De Cardiologia</i> , <b>2021</b> , 116, 56-65	1.2	0
5	Evolution and Analysis of Heterogeneity in the Clinical Expression of Aortic Diseases Similar to Marfan's Syndrome: Challenge and Art in Clinical Diagnosis. <i>Current Rheumatology Reviews</i> , <b>2012</b> , 8, 1-11 <sup>1.6</sup>		
4	Survival and prognostic factors in patients with an absent atrioventricular connection. <i>Revista Espanola De Cardiologia (English Ed)</i> , <b>2009</b> , 62, 273-81	0.7	
3	Right ventricle apical diverticulum associated with a congenital cardiopathy and a mid line abdominal malformation. A case report. <i>Archivos De Cardiologia De Mexico</i> , <b>2016</b> , 86, 92-4	0.2	
2	Rheumatoid arthritis: A case of multivalvular heart disease. <i>Archivos De Cardiologia De Mexico</i> , <b>2017</b> , 87, 88-91	0.2	
1	Assessment of inflammatory activity in Takayasu's arteritis: performance of clinical scores and common biomarkers versus 18F-FDG PET/CT. <i>Clinical and Experimental Rheumatology</i> , <b>2021</b> , 39, 1011-1020 <sup>2.2</sup>		