

Maria Elena Soto

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7818680/publications.pdf>

Version: 2024-02-01

78
papers

1,458
citations

331259

21
h-index

360668

35
g-index

89
all docs

89
docs citations

89
times ranked

1883
citing authors

#	ARTICLE	IF	CITATIONS
1	Oxidative Stress, Plant Natural Antioxidants, and Obesity. <i>International Journal of Molecular Sciences</i> , 2021, 22, 1786.	1.8	163
2	Mechanisms Underlying Metabolic Syndrome-Related Sarcopenia and Possible Therapeutic Measures. <i>International Journal of Molecular Sciences</i> , 2019, 20, 647.	1.8	90
3	Non-compacted cardiomyopathy: clinical-echocardiographic study. <i>Cardiovascular Ultrasound</i> , 2006, 4, 35.	0.5	66
4	Detection of IS6110 and HupB gene sequences of <i>Mycobacterium tuberculosis</i> and bovis in the aortic tissue of patients with Takayasu's arteritis. <i>BMC Infectious Diseases</i> , 2012, 12, 194.	1.3	62
5	Ageing in blood vessels. Medicinal agents FOR systemic arterial hypertension in the elderly. <i>Ageing Research Reviews</i> , 2014, 18, 132-147.	5.0	61
6	Nitrosative Stress and Its Association with Cardiometabolic Disorders. <i>Molecules</i> , 2020, 25, 2555.	1.7	61
7	Echocardiographic Follow-Up of Patients with Takayasu's Arteritis: Five-Year Survival. <i>Echocardiography</i> , 2006, 23, 353-360.	0.3	56
8	Is Antioxidant Therapy a Useful Complementary Measure for Covid-19 Treatment? An Algorithm for Its Application. <i>Medicina (Lithuania)</i> , 2020, 56, 386.	0.8	56
9	Coronary CT Angiography in Takayasu Arteritis. <i>JACC: Cardiovascular Imaging</i> , 2011, 4, 958-966.	2.3	51
10	Primary antiphospholipid syndrome: a 5-year transesophageal echocardiographic followup study. <i>Journal of Rheumatology</i> , 2004, 31, 2402-7.	1.0	46
11	Comparison Distribution of HLA-B Alleles in Mexican Patients with Takayasu Arteritis and Tuberculosis. <i>Human Immunology</i> , 2007, 68, 449-453.	1.2	45
12	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> , 2021, 19, 1379-1390.	1.9	45
13	Analysis of Oxidative Stress Enzymes and Structural and Functional Proteins on Human Aortic Tissue from Different Aortopathies. <i>Oxidative Medicine and Cellular Longevity</i> , 2014, 2014, 1-13.	1.9	42
14	Prevalence of Congenital Heart Disease and Pulmonary Hypertension in Down's Syndrome: An Echocardiographic Study. <i>Journal of Cardiovascular Imaging</i> , 2015, 23, 72.	0.8	40
15	Alteration in the Lipid Profile and the Desaturases Activity in Patients With Severe Pneumonia by SARS-CoV-2. <i>Frontiers in Physiology</i> , 2021, 12, 667024.	1.3	32
16	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> , 2015, 5, 13-22.	2.2	30
17	Usefulness of Antioxidants as Adjuvant Therapy for Septic Shock: A Randomized Clinical Trial. <i>Medicina (Lithuania)</i> , 2020, 56, 619.	0.8	29
18	Early Programming of Adult Systemic Essential Hypertension. <i>International Journal of Molecular Sciences</i> , 2020, 21, 1203.	1.8	28

#	ARTICLE	IF	CITATIONS
19	Polymorphisms C677T and A1298C of <i>MTHFR</i> Gene: Homocysteine Levels and Prothrombotic Biomarkers in Coronary and Pulmonary Thromboembolic Disease. <i>Clinical and Applied Thrombosis/Hemostasis</i> , 2019, 25, 107602961878034.	0.7	27
20	Familial collapsing glomerulopathy: Clinical, pathological and immunogenetic features. <i>Kidney International</i> , 2003, 63, 233-239.	2.6	25
21	Comparative study of the residues 63 and 67 on the HLA-B molecule in patients with Takayasu's Arteritis. <i>Immunology Letters</i> , 2005, 96, 225-229.	1.1	25
22	Oxidant/Antioxidant Profile in the Thoracic Aneurysm of Patients with the Loeys-Dietz Syndrome. <i>Oxidative Medicine and Cellular Longevity</i> , 2020, 2020, 1-17.	1.9	24
23	Hyperglycemia and Loss of Redox Homeostasis in COVID-19 Patients. <i>Cells</i> , 2022, 11, 932.	1.8	22
24	Altered Flow-Mediated Vasodilatation, Low Paraoxonase-1 Activity, and Abnormal High-Density Lipoprotein Subclass Distribution in Takayasu's Arteritis. <i>Circulation Journal</i> , 2009, 73, 760-766.	0.7	21
25	Glutathione system participation in thoracic aneurysms from patients with Marfan syndrome. <i>Vasa - European Journal of Vascular Medicine</i> , 2017, 46, 177-186.	0.6	21
26	Participation of oleic acid in the formation of the aortic aneurysm in Marfan syndrome patients. <i>Prostaglandins and Other Lipid Mediators</i> , 2016, 123, 46-55.	1.0	18
27	Infusion of <i>Hibiscus sabdariffa L.</i> Modulates Oxidative Stress in Patients with Marfan Syndrome. <i>Mediators of Inflammation</i> , 2016, 2016, 1-12.	1.4	17
28	Participation of Arachidonic Acid Metabolism in the Aortic Aneurysm Formation in Patients with Marfan Syndrome. <i>Frontiers in Physiology</i> , 2018, 9, 77.	1.3	16
29	The kidnapping of mitochondrial function associated with the SARS-CoV-2 infection. <i>Histology and Histopathology</i> , 2021, , 18354.	0.5	14
30	Myocardial perfusion defects in patients with autoimmune diseases: a prospective study. Analysis of two diagnostic tests. <i>Lupus</i> , 2006, 15, 38-43.	0.8	13
31	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> , 2008, 26, 820-823.	1.4	12
32	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> , 2018, 9, 965.	1.3	12
33	Oxidative, Reductive, and Nitrosative Stress Effects on Epigenetics and on Posttranslational Modification of Enzymes in Cardiometabolic Diseases. <i>Oxidative Medicine and Cellular Longevity</i> , 2020, 2020, 1-19.	1.9	12
34	PON1 gene polymorphisms and plasma PON1 activities in Takayasu's arteritis disease. <i>Immunology Letters</i> , 2013, 152, 77-82.	1.1	10
35	Modulation of Renal Function in a Metabolic Syndrome Rat Model by Antioxidants in <i>Hibiscus sabdariffa L.</i> <i>Molecules</i> , 2021, 26, 2074.	1.7	10
36	Congenital C2 (Type I) Deficiency Associated with Common Variable Immunodeficiency. <i>Annals of Internal Medicine</i> , 2000, 132, 597.	2.0	10

#	ARTICLE	IF	CITATIONS
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> , 2014, 45, 478-483.	1.5	9
38	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> , 2015, 11, 1-6.	0.2	9
39	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> , 2018, 41, 371-378.	0.6	9
40	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> , 2021, 13, 4830-4844.	0.6	9
41	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> , 2009, 82, 603-612.	1.1	8
42	Interconnection between Cardiac Cachexia and Heart Failure—Protective Role of Cardiac Obesity. <i>Cells</i> , 2022, 11, 1039.	1.8	8
43	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> , 2017, 17, 100.	0.7	7
44	Increased expression of miR-33a in monocytes from Mexican hypertensive patients in elevated carotid intima-media thickness. <i>Journal of Human Hypertension</i> , 2018, 32, 681-690.	1.0	7
45	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> , 2015, 23, 20.	0.8	6
46	Echocardiographic Study of a Mestizo—Mexican Population with Marfan Syndrome. <i>Echocardiography</i> , 2010, 27, 923-930.	0.3	5
47	Agreement between ST elevation and late enhancement evaluated by MRI in patients with acute myocarditis. <i>Journal of Electrocardiology</i> , 2014, 47, 212-218.	0.4	5
48	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> , 2019, 30, 1517-1525.	0.8	5
49	Expressão de Proteína-1 Relacionada a Receptor de Lipoproteína de Baixa Densidade (LRP1) em Monócito em Correlação com EIMC em Pacientes Mexicanos Hipertensos. <i>Arquivos Brasileiros De Cardiologia</i> , 2021, 116, 56-65.	0.3	5
50	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> , 2014, 2014, 1-6.	0.9	4
51	[18F]-Sodium fluoride uptake in Takayasu arteritis. <i>Journal of Nuclear Cardiology</i> , 2017, 24, 1674-1679.	1.4	4
52	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> , 2019, 129, 248-252.	1.6	4
53	Aortic Calcification in Takayasu Arteritis. <i>Journal of Clinical Rheumatology</i> , 2021, 27, S265-S273.	0.5	4
54	Oxidative Stress in Plasma from Patients with Marfan Syndrome Is Modulated by Deodorized Garlic Preliminary Findings. <i>Oxidative Medicine and Cellular Longevity</i> , 2022, 2022, 1-10.	1.9	4

#	ARTICLE	IF	CITATIONS
55	Coronary Reserve in Takayasu's Arteritis: Transesophageal Echocardiographic Analysis. <i>Echocardiography</i> , 2005, 22, 593-598.	0.3	3
56	Polymorphisms in TNFAIP3, but not in STAT4, BANK1, BLK, and TNFSF4, are associated with susceptibility to Takayasu arteritis. <i>Cellular Immunology</i> , 2021, 365, 104375.	1.4	3
57	Preliminary analysis of the association of TRPV1 to the formation of Marfan syndrome aneurysms. <i>Histology and Histopathology</i> , 2019, 34, 1329-1343.	0.5	3
58	Cardiac benign tumors: echocardiography and computed tomography findings in two cases with histopathologic correlation. <i>International Cancer Conference Journal</i> , 2013, 2, 82-88.	0.2	2
59	Mechanical deformation in adult patients with unrepaired aortic coarctation. <i>International Journal of Cardiovascular Imaging</i> , 2018, 34, 735-741.	0.7	2
60	Multi-imaging assessment of successful surgical treatment of pulmonary artery dilatation and dissection in Marfan syndrome. <i>European Heart Journal Cardiovascular Imaging</i> , 2017, 18, 607-607.	0.5	2
61	An association study in PTPN22 suggests that is a risk factor to Takayasu's arteritis. <i>Inflammation Research</i> , 2019, 68, 195-201.	1.6	2
62	Mycobacterium tuberculosis in the aorta of a patient with takayasu's arteritis. extra pulmonary tuberculosis. <i>Health</i> , 2011, 03, 159-161.	0.1	2
63	Alteration of the Fatty Acid Metabolism in the Rat Kidney Caused by the Injection of Serum from Patients with Collapsing Glomerulopathy. <i>Biomedicines</i> , 2020, 8, 388.	1.4	2
64	Editorial: Integrative Approaches to the Molecular Physiology of Inflammation. <i>Frontiers in Physiology</i> , 2018, 9, 1825.	1.3	1
65	Lack of Association between Cytokine Genetic Polymorphisms in Takayasu's Arteritis in Mexican Patients. <i>International Journal of Environmental Research and Public Health</i> , 2019, 16, 4863.	1.2	1
66	Interventricular septum involvement with complete atrioventricular block as first manifestation in Takayasu arteritis. <i>Journal of Nuclear Cardiology</i> , 2019, 26, 324-327.	1.4	1
67	Rheumatoid arthritis: A case of multivalvular heart disease. <i>Archivos De Cardiologia De Mexico</i> , 2017, 87, 88-91.	0.1	1
68	Longitudinal systolic dysfunction in hypertensive cardiomyopathy with normal ejection fraction. <i>Echocardiography</i> , 2022, 39, 46-53.	0.3	1
69	Survival and Prognostic Factors in Patients With an Absent Atrioventricular Connection. <i>Revista Espanola De Cardiologia (English Ed)</i> , 2009, 62, 273-281.	0.4	0
70	MRI Artifacts of a Metallic Stent Derived From a Human Aorta Specimen. , 2010, , .		0
71	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> , 2012, 8, 1-11.	0.4	0
72	Association of the Presence of the IS6110 Gene and the Polymorphisms of the Receptor of the Bactericide P2X7 (A1513C and -762 C/T) in Mexican Patients with Takayasu's Arteritis and Tuberculosis. Is the Vasculitis A Manifestation of Extrapulmonary Tuberculosis?. <i>Journal of Phonetics & Audiology</i> , 2016, 2, .	0.2	0

#	ARTICLE	IF	CITATIONS
73	Mechanical Deformation in Patients with Systemic Arterial Hypertension. Journal of Hypertension: Open Access, 2017, 06, .	0.2	0
74	P4547Non-invasive measurement of central blood pressure and vascular stiffness in aortopathies. European Heart Journal, 2018, 39, .	1.0	0
75	Ventricular Septal Defect in Adults: Analysis of Survival with and Without Interventional Procedures. The Relevant Role of Echocardiography. Journal of Clinical & Experimental Cardiology, 2012, 03, .	0.0	0
76	Right ventricle apical diverticulum associated with a congenital cardiopathy and a mid line abdominal malformation. A case report. Archivos De Cardiologia De Mexico, 2016, 86, 92-94.	0.1	0
77	Immunologic Responses in Biological and Mechanical Valve Prostheses: Inflammation and Functionality Are Not Always Related. Journal of Heart Valve Disease, 2017, 26, 334-343.	0.5	0
78	Assessment of inflammatory activity in Takayasu's arteritis: performance of clinical scores and common biomarkers versus 18F-FDG PET/CT. Clinical and Experimental Rheumatology, 2021, 39, 1011-1020.	0.4	0