

# Xochitl Trujillo

## List of Publications by Year in descending order

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Version: 2024-02-01

79  
papers

870  
citations

516710

16  
h-index

642732

23  
g-index

81  
all docs

81  
docs citations

81  
times ranked

1367  
citing authors

#	ARTICLE	IF	CITATIONS
1	Cervical human papillomavirus infection in Mexican women with systemic lupus erythematosus or rheumatoid arthritis. <i>Lupus</i> , 2012, 21, 365-372.	1.6	54
2	Effect of Chronic Administration of Forskolin on Glycemia and Oxidative Stress in Rats with and without Experimental Diabetes. <i>International Journal of Medical Sciences</i> , 2014, 11, 448-452.	2.5	38
3	Chronic exposure of juvenile rats to environmental noise impairs hippocampal cell proliferation in adulthood. <i>Noise and Health</i> , 2011, 13, 286.	0.5	35
4	Cannabinoid receptor type 1 activation by arachidonylcyclopropylamide in rat aortic rings causes vasorelaxation involving calcium-activated potassium channel subunit alpha-1 and calcium channel, voltage-dependent, L type, alpha 1C subunit. <i>European Journal of Pharmacology</i> , 2014, 729, 100-106.	3.5	31
5	Effects of cannabinoids on endogenous K <sup>+</sup> and Ca <sup>2+</sup> currents in HEK293 cells. <i>Canadian Journal of Physiology and Pharmacology</i> , 2003, 81, 436-442.	1.4	27
6	Serum levels of adiponectin and leptin as biomarkers of proteinuria in lupus nephritis. <i>PLoS ONE</i> , 2017, 12, e0184056.	2.5	26
7	MIF functional polymorphisms (-794 C>T and -173 G>C) are associated with MIF serum levels, severity and progression in male multiple sclerosis from western Mexican population. <i>Journal of Neuroimmunology</i> , 2018, 320, 117-124.	2.3	26
8	The Effects of Dietary Iron and Capsaicin on Hemoglobin, Blood Glucose, Insulin Tolerance, Cholesterol, and Triglycerides, in Healthy and Diabetic Wistar Rats. <i>PLoS ONE</i> , 2016, 11, e0152625.	2.5	26
9	Male gender and kidney illness are associated with an increased risk of severe laboratory-confirmed coronavirus disease. <i>BMC Infectious Diseases</i> , 2020, 20, 674.	2.9	25
10	Forskolin versus Sodium Cromoglycate for Prevention of Asthma Attacks: A Single-blinded Clinical Trial. <i>Journal of International Medical Research</i> , 2006, 34, 200-207.	1.0	23
11	Effects of Cannabinoids on Synaptic Transmission in the Frog Neuromuscular Junction. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2007, 321, 439-445.	2.5	23
12	Effects of <i>Moringa oleifera</i> leaf powder on metabolic syndrome induced in male Wistar rats: a preliminary study. <i>Journal of International Medical Research</i> , 2018, 46, 3327-3336.	1.0	22
13	Forskolin Compared with Beclomethasone for Prevention of Asthma Attacks: A Single-Blind Clinical Trial. <i>Journal of International Medical Research</i> , 2010, 38, 661-668.	1.0	21
14	Gestational Diabetes Triggers Oxidative Stress in Hippocampus and Cerebral Cortex and Cognitive Behavior Modifications in Rat Offspring: Age- and Sex-Dependent Effects. <i>Nutrients</i> , 2020, 12, 376.	4.1	19
15	Folding-unfolding of FN-III domains in tenascin: an elastically coupled two-state system. <i>Journal of Biomechanics</i> , 2003, 36, 1733-1737.	2.1	18
16	Protective Effect of the Hexanic Extract of <i>Eryngium carlinae</i> Inflorescences In Vitro, in Yeast, and in Streptozotocin-Induced Diabetic Male Rats. <i>Antioxidants</i> , 2019, 8, 73.	5.1	18
17	Effects of Chronic Caffeine Administration on Blood Glucose Levels and on Glucose Tolerance in Healthy and Diabetic Rats. <i>Journal of International Medical Research</i> , 2012, 40, 2220-2230.	1.0	16
18	Effects of Cannabinoids on Caffeine Contractures in Slow and Fast Skeletal Muscle Fibers of the Frog. <i>Journal of Membrane Biology</i> , 2009, 229, 91-99.	2.1	15

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19	COVID-19 mortality among pregnant women in Mexico: A retrospective cohort study. <i>Journal of Global Health</i> , 2020, 10, 020512.	2.7	15
20	Symptomatic SARS-COV-2 reinfection: healthcare workers and immunosuppressed individuals at high risk. <i>BMC Infectious Diseases</i> , 2021, 21, 923.	2.9	15
21	Blink reflex alterations in recently diagnosed diabetic patients. <i>Journal of Clinical Neuroscience</i> , 2003, 10, 306-309.	1.5	14
22	2-octyl cyanoacrylate versus reintervention for closure of urethrocutaneous fistulae after urethroplasty for hypospadias: a randomized controlled trial. <i>BMC Urology</i> , 2014, 14, 93.	1.4	14
23	Frequency of, indications for and clinical epidemiological characteristics of first time cesarean section, compared with repeated cesarean section. <i>Archives of Gynecology and Obstetrics</i> , 2002, 267, 27-32.	1.7	13
24	F-wave and H-reflex alterations in recently diagnosed diabetic patients. <i>Journal of Clinical Neuroscience</i> , 2005, 12, 763-766.	1.5	13
25	Nicorandil improves post-fatigue tension in slow skeletal muscle fibers by modulating glutathione redox state. <i>Journal of Bioenergetics and Biomembranes</i> , 2017, 49, 159-170.	2.3	13
26	Effects of dietary iron restriction on kidney mitochondria function and oxidative stress in streptozotocin-diabetic rats. <i>Mitochondrion</i> , 2020, 54, 41-48.	3.4	13
27	Serum chemerin levels: A potential biomarker of joint inflammation in women with rheumatoid arthritis. <i>PLoS ONE</i> , 2021, 16, e0255854.	2.5	13
28	Inhibition of oxygen consumption in skeletal muscle-derived mitochondria by pinacidil, diazoxide, and glibenclamide, but not by 5-hydroxydecanoate. <i>Journal of Bioenergetics and Biomembranes</i> , 2010, 42, 21-27.	2.3	12
29	rs383 A/C tumor necrosis factor receptor 1 polymorphism and ankylosing spondylitis in Mexicans: a preliminary study. <i>Rheumatology International</i> , 2012, 32, 2565-2568.	3.0	12
30	Body Composition Predicts Growth in Infants and Toddlers With Chronic Liver Disease. <i>Journal of Pediatric Gastroenterology and Nutrition</i> , 2017, 65, e117-e119.	1.8	12
31	Cost-Effectiveness of the Strategies to Reduce the Incidence of Dengue in Colima, México. <i>International Journal of Environmental Research and Public Health</i> , 2017, 14, 890.	2.6	12
32	Capsaicin and N-Arachidonoyl-dopamine (NADA) Decrease Tension by Activating Both Cannabinoid and Vanilloid Receptors in Fast Skeletal Muscle Fibers of the Frog. <i>Journal of Membrane Biology</i> , 2015, 248, 31-38.	2.1	11
33	Effects of Chronic Administration of Capsaicin on Biomarkers of Kidney Injury in Male Wistar Rats with Experimental Diabetes. <i>Molecules</i> , 2019, 24, 36.	3.8	10
34	Sodium/Calcium Exchange in Tonic Skeletal Muscle Fibers of the Frog. <i>The Japanese Journal of Physiology</i> , 1991, 41, 933-944.	0.9	10
35	beta-Adrenergic modulation of Ba <sup>2+</sup> currents and K <sup>+</sup> contractures in frog slow skeletal muscle fibers. <i>American Journal of Physiology - Cell Physiology</i> , 1997, 272, C77-C81.	4.6	9
36	Assessment of serum macrophage migration inhibitory factor (MIF), adiponectin, and other adipokines as potential markers of proteinuria and renal dysfunction in lupus nephritis: a cross-sectional study. <i>Biomarker Research</i> , 2020, 8, 55.	6.8	9

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37	Independent risk factors of COVID-19 pneumonia in vaccinated Mexican adults. <i>International Journal of Infectious Diseases</i> , 2022, 118, 244-246.	3.3	9
38	Effects of Verapamil and Gadolinium on Caffeine-Induced Contractures and Calcium Fluxes in Frog Slow Skeletal Muscle Fibers. <i>Journal of Membrane Biology</i> , 2008, 221, 7-13.	2.1	8
39	Presence and Colocalization of Type-1 Cannabinoid Receptors with Acetylcholine Receptors in the Motor End-Plate of Twitch Skeletal Muscle Fibers in the Frog. <i>Journal of Membrane Biology</i> , 2014, 247, 1199-1205.	2.1	8
40	Micronucleated Erythrocytes in Peripheral Blood from Neonate Rats Exposed by Breastfeeding to Cyclophosphamide, Colchicine, or Cytosine-Arabinoside. <i>BioMed Research International</i> , 2016, 2016, 1-10.	1.9	8
41	Effectiveness of BNT162b2 COVID-19 Vaccine in Preventing Severe Symptomatic Infection among Healthcare Workers. <i>Medicina (Lithuania)</i> , 2021, 57, 746.	2.0	8
42	Glibenclamide increases post-fatigue tension in slow skeletal muscle fibers of the chicken. <i>Journal of Comparative Physiology B: Biochemical, Systemic, and Environmental Physiology</i> , 2011, 181, 403-412.	1.5	7
43	Survival in influenza virus-related pneumonia by viral subtype: 2016-2020. <i>International Journal of Infectious Diseases</i> , 2021, 112, 288-293.	3.3	7
44	First-generation BNT162b2 and AZD1222 vaccines protect from COVID-19 pneumonia during the Omicron variant emergence. <i>Public Health</i> , 2022, 207, 105-107.	2.9	7
45	COVID-19 vaccines provide better protection against related pneumonia than previous symptomatic infection. <i>International Journal of Infectious Diseases</i> , 2022, 120, 142-145.	3.3	7
46	Adrenergic Modulation of the K <sup>+</sup> Contractures in Tonic Skeletal Muscle Fibers of the Frog.. <i>The Japanese Journal of Physiology</i> , 1991, 41, 851-860.	0.9	6
47	Tramadol and Tramadol+Caffeine Synergism in the Rat Formalin Test Are Mediated by Central Opioid and Serotonergic Mechanisms. <i>BioMed Research International</i> , 2015, 2015, 1-9.	1.9	6
48	The Comparative Effect of Nopal and Mucilage in Metabolic Parameters in Rats with a High-Fructose Diet. <i>Journal of Medicinal Food</i> , 2019, 22, 538-541.	1.5	6
49	Caffeine and Theophylline Contractures in Tonic Skeletal Muscle Fibers of the Frog.. <i>The Japanese Journal of Physiology</i> , 1992, 42, 711-720.	0.9	6
50	Empirical Antibiotic Prescribing in Adult COVID-19 Inpatients over Two Years in Mexico. <i>Antibiotics</i> , 2022, 11, 764.	3.7	6
51	Decreased survival in children inpatients with COVID-19 and antibiotic prescription. <i>BMC Infectious Diseases</i> , 2022, 22, .	2.9	6
52	Effect of Dimethyl Sulfoxide on Excitation-Contraction Coupling in Chicken Slow Skeletal Muscle. <i>Journal of Pharmacological Sciences</i> , 2003, 93, 149-154.	2.5	5
53	Inactivation of GABAA receptor is related to heat shock stress response in organism model <i>Caenorhabditis elegans</i> . <i>Cell Stress and Chaperones</i> , 2016, 21, 763-772.	2.9	5
54	Screening for Depressive Mood During Acute Chikungunya Infection in Primary Healthcare Settings. <i>International Journal of Environmental Research and Public Health</i> , 2018, 15, 2552.	2.6	5

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55	The Relationship of Single Nucleotide Polymorphisms in the <i>TRPV1</i> Gene with Lipid Profile, Glucose, and Blood Pressure in Mexican Population. <i>Genetic Testing and Molecular Biomarkers</i> , 2020, 24, 420-424.	0.7	5
56	Anthropometric and dietary differences among Mexican older adults with and without adequate body image perception. <i>Journal of Psychosomatic Research</i> , 2020, 131, 109967.	2.6	5
57	Effects of Cannabinoids on Tension Induced by Acetylcholine and Choline in Slow Skeletal Muscle Fibers of the Frog. <i>Journal of Membrane Biology</i> , 2014, 247, 57-62.	2.1	4
58	Models Predictive of Metabolic Syndrome Components in Obese Pediatric Patients. <i>Archives of Medical Research</i> , 2016, 47, 40-48.	3.3	4
59	Impact on the Nutritional and Functional Status of Older Mexican Adults in the Absence of Recreational Activities due to COVID-19: A Longitudinal Study From 2018 to 2021. <i>Journal of Applied Gerontology</i> , 2022, 41, 2096-2104.	2.0	4
60	Sprint training attenuates the deficits of force and dynamic stiffness in rat soleus muscle caused by eccentric contractions. <i>Journal of Biomechanics</i> , 2008, 41, 2533-2538.	2.1	3
61	Mitochondrial KATP channels in skeletal muscle: are protein kinases C and G, and nitric oxide synthase involved in the fatigue process?. <i>Open Access Animal Physiology</i> , 2012, , 21.	0.3	3
62	Performance of Antigen-Based Testing as Frontline Diagnosis of Symptomatic COVID-19. <i>Medicina (Lithuania)</i> , 2021, 57, 852.	2.0	3
63	Comment on "Cooperative Molecular Motors". <i>Physical Review Letters</i> , 1999, 83, 5403-5403.	7.8	2
64	Adrenaline diminishes K <sup>+</sup> contractures and Ba <sup>2+</sup> -current in chicken slow skeletal muscle fibres. <i>Journal of Muscle Research and Cell Motility</i> , 2002, 23, 157-165.	2.0	2
65	Cannabinoids and Dopamine Receptors' Action on Calcium Current in Rat Neurons. <i>Canadian Journal of Neurological Sciences</i> , 2005, 32, 529-537.	0.5	2
66	Electrophysiological Abnormalities in Type 2 Diabetic Patients with Reduced Levels of Insulin-like Growth Factor I. <i>Journal of International Medical Research</i> , 2006, 34, 21-29.	1.0	2
67	Progesterone regulates corticosterone elevation and alterations in spatial memory and exploratory behavior induced by stress in Wistar rats. <i>Universitas Psychologica</i> , 2010, 9, 627-640.	0.6	2
68	Measurement of Ca <sup>2+</sup> currents in intact slow skeletal muscle fibers of the frog by the three-microelectrode technique. <i>Brain Research Protocols</i> , 2001, 8, 208-211.	1.6	1
69	Effects of denervation on Ca <sup>2+</sup> channels in slow skeletal muscle fibers of the frog. <i>Developmental Brain Research</i> , 2001, 126, 91-99.	1.7	1
70	Type 2 Diabetes Alters Vascular Cannabinoid Receptor 1 Expression, Phosphorylation Status, and Vasorelaxation in Rat Aorta. <i>Molecules</i> , 2020, 25, 4948.	3.8	1
71	Oral fatty acid taste sensitivity in healthy young individuals of both sexes is related to body mass index and soluble cd36 serum levels. <i>Nutricion Hospitalaria</i> , 2019, 36, 1133-1138.	0.3	1
72	Alterations in blink and masseter reflex latencies in older adults with neurocognitive disorder and/or diabetes mellitus. <i>World Journal of Clinical Cases</i> , 2022, 10, 177-188.	0.8	1

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73	Folding-unfolding of immunoglobulin domains in titin: a simple two-state model. <i>General Physiology and Biophysics</i> , 1999, 18, 305-9.	0.9	1
74	Dietary Iron Restriction Improves Muscle Function, Dyslipidemia, and Decreased Muscle Oxidative Stress in Streptozotocin-Induced Diabetic Rats. <i>Antioxidants</i> , 2022, 11, 731.	5.1	1
75	Denervation-activated inward rectifier in frog slow skeletal muscle fibers. <i>Experimental Neurology</i> , 2003, 181, 313-318.	4.1	0
76	Effect of Cannabinoids on Choline Induced Contractures in Slow Skeletal Muscle Fibers of the Frog. <i>Biophysical Journal</i> , 2010, 98, 152a.	0.5	0
77	AB0087â€¦Macrophage Migration Inhibitory Factor, Resistin, Leptin, Adiponectin and Clinical Variables in Systemic Lupus Erythematosus. <i>Annals of the Rheumatic Diseases</i> , 2014, 73, 832.3-833.	0.9	0
78	Association between the -844 G>A, HindIII C>G, and 4G/5G PAI-1 Polymorphisms and Susceptibility to Multiple Sclerosis in Western Mexican Population. <i>Disease Markers</i> , 2019, 2019, 1-5.	1.3	0
79	Efecto de un protocolo de ejercicio por cuatro semanas sobre el peso corporal y la glucemia en rata Wistar. <i>Sportis</i> , 2017, 3, 471-485.	0.3	0