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List of Publications by Year
in descending order

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69	1,126	393982	454577
papers	citations	19 h-index	30 g-index

74	74	74	1484
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Spinocerebellar Ataxia Type 2: Clinical Presentation, Molecular Mechanisms, and Therapeutic Perspectives. Molecular Neurobiology, 2013, 47, 90-104.	1.9	83
2	Non-Ionic Surfactants for Stabilization of Polymeric Nanoparticles for Biomedical Uses. Materials, 2021, 14, 3197.	1.3	81
3	Nanoparticle technology for treatment of Parkinson's disease: the role of surface phenomena in reaching the brain. Drug Discovery Today, 2015, 20, 824-837.	3.2	77
4	Comprehensive Study of Early Features in Spinocerebellar Ataxia 2: Delineating the Prodromal Stage of the Disease. Cerebellum, 2014, 13, 568-579.	1.4	51
5	Therapeutic Applications of Terpenes on Inflammatory Diseases. Frontiers in Pharmacology, 2021, 12, 704197.	1.6	40
6	Hyaluronic acid in wound dressings. Cellular and Molecular Biology, 2020, 66, 191-198.	0.3	39
7	Development and Evaluation of Alginate Membranes with Curcumin-Loaded Nanoparticles for Potential Wound-Healing Applications. Pharmaceutics, 2019, 11, 389.	2.0	36
8	Effect of UV and Gamma Irradiation Sterilization Processes in the Properties of Different Polymeric Nanoparticles for Biomedical Applications. Materials, 2020, 13, 1090.	1.3	35
9	InÂvitro cell uptake evaluation of curcumin-loaded PCL/F68 nanoparticles for potential application in neuronal diseases. Journal of Drug Delivery Science and Technology, 2019, 52, 905-914.	1.4	33
10	ACE and ACE2 Gene Variants Are Associated With Severe Outcomes of COVID-19 in Men. Frontiers in Immunology, 2022, 13, 812940.	2.2	31
11	Nanoremediation: Nanomaterials and Nanotechnologies for Environmental Cleanup. Frontiers in Environmental Science, 2021, 9, .	1.5	30
12	A comprehensive clinical and genetic study of a large Mexican population with spinocerebellar ataxia type 7. Neurogenetics, 2015, 16, 11-21.	0.7	28
13	Analysis of <scp>CAG</scp> repeats in five <scp>SCA</scp> loci in Mexican population: epidemiological evidence of a <scp>SCA7</scp> founder effect. Clinical Genetics, 2014, 85, 159-165.	1.0	27
14	From traditional biochemical signals to molecular markers for detection of sepsis after burn injuries. Burns, 2019, 45, 16-31.	1.1	27
15	Perspectives on gene therapy in myotonic dystrophy type 1. Journal of Neuroscience Research, 2011, 89, 275-285.	1.3	24
16	Association of the estrogen receptor Î± gene polymorphisms with osteoporosis in the Mexican population. Clinical Genetics, 2007, 72, 574-581.	1.0	23
17	Origin of the Spinocerebellar Ataxia Type 7 Gene Mutation in Mexican Population. Cerebellum, 2013, 12, 902-905.	1.4	23
18	Effects of Physical Rehabilitation in Patients with Spinocerebellar Ataxia Type 7. Cerebellum, 2019, 18, 397-405.	1.4	23

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19	Oxidative Stress in Spinocerebellar Ataxia Type 7 Is Associated with Disease Severity. Cerebellum, 2018, 17, 601-609.	1.4	22
20	Association of Interleukin-6 Gene Polymorphisms with Bone Mineral Density in Mexican Women. Archives of Medical Research, 2008, 39, 618-624.	1.5	20
21	Altered nuclear structure in myotonic dystrophy type 1-derived fibroblasts. Molecular Biology Reports, 2015, 42, 479-488.	1.0	19
22	Enhanced nuclear protein export in premature aging and rescue of the progeria phenotype by modulation of CRM1 activity. Aging Cell, 2019, 18, e13002.	3.0	19
23	Association of the calcitonin gene (CA) polymorphism with osteoarthritis of the knee in a Mexican mestizo population. Knee, 2010, 17, 157-160.	0.8	18
24	The relationship among IL-13, GSTP1, and CYP1A1 polymorphisms and environmental tobacco smoke in a population of children with asthma in Northern Mexico. Environmental Toxicology and Pharmacology, 2012, 33, 226-232.	2.0	17
25	Founder Effects of Spinocerebellar Ataxias in the American Continents and the Caribbean. Cerebellum, 2020, 19, 446-458.	1.4	17
26	Mexican mestizo population sub-structure: effects on genetic and forensic statistical parameters. Molecular Biology Reports, 2012, 39, 10139-10156.	1.0	16
27	Controlled Transdermal Release of Antioxidant Ferulate by a Porous Sc(III) MOF. IScience, 2020, 23, 101156.	1.9	16
28	Nanoparticulate strategies for the treatment of polyglutamine diseases by halting the protein aggregation process. Drug Development and Industrial Pharmacy, 2017, 43, 871-888.	0.9	15
29	Dopaminergic denervation switches dopamine D3 receptor signaling and disrupts its Ca2+ dependent modulation by CaMKII and calmodulin in striatonigral projections of the rat. Neurobiology of Disease, 2015, 74, 336-346.	2.1	14
30	Genetic Analysis of 17 Y-STRs in a Mestizo Population from the Central Valley of Mexico. Human Biology, 2014, 86, 289.	0.4	13
31	Wide Profiling of Circulating MicroRNAs in Spinocerebellar Ataxia Type 7. Molecular Neurobiology, 2019, 56, 6106-6120.	1.9	12
32	Transcriptome Analysis Reveals Altered Inflammatory Pathway in an Inducible Glial Cell Model of Myotonic Dystrophy Type 1. Biomolecules, 2021, 11, 159.	1.8	12
33	Association of the CT gene (CA) polymorphism with BMD in osteoporotic mexican women. Clinical Genetics, 2006, 70, 402-408.	1.0	11
34	Spinocerebellar Ataxia Type 7: A Neurodegenerative Disorder with Peripheral Neuropathy. European Neurology, 2015, 73, 173-178.	0.6	11
35	Distribution of CTG repeats at the DMPK gene in myotonic distrophy patients and healthy individuals from the Mexican population. Molecular Biology Reports, 2011, 38, 1341-1346.	1.0	9
36	The 46359CT polymorphism of DNMT3B is associated with the risk of cervical cancer. Molecular Biology Reports, 2013, 40, 4275-4280.	1.0	8

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37	Association of vWA and TPOX Polymorphisms with Venous Thrombosis in Mexican Mestizos. BioMed Research International, 2014, 2014, 1-9.	0.9	8
38	Nonâ€invasive analysis of skin mechanical properties in patients with lamellar ichthyosis. Skin Research and Technology, 2019, 25, 375-381.	0.8	8
39	Loss of Dystroglycan Drives Cellular Senescence via Defective Mitosis-Mediated Genomic Instability. International Journal of Molecular Sciences, 2020, 21, 4961.	1.8	8
40	High prevalence of autosomal recessive congenital ichthyosis in a Mexican population caused by a new mutation in the TGM1 gene: epidemiological evidence of a founder effect. International Journal of Dermatology, 2020, 59, 969-977.	0.5	8
41	Altered Plasma Acylcarnitines and Amino Acids Profile in Spinocerebellar Ataxia Type 7. Biomolecules, 2020, 10, 390.	1.8	8
42	Comprehensive mapping of human body skin hydration: A pilot study. Skin Research and Technology, 2019, 25, 187-193.	0.8	7
43	Association of Genetic Polymorphisms in TLR3, TLR4, TLR7, and TLR8 with the Clinical Forms of Dengue in Patients from Veracruz, Mexico. Viruses, 2020, 12, 1230.	1.5	7
44	Cognitive Decline and White Matter Integrity Degradation in Myotonic Dystrophy Type I. Journal of Neuroimaging, 2021, 31, 192-198.	1.0	7
45	Increased risk of depression and impairment in quality of life in patients with lamellar ichthyosis. Dermatologic Therapy, 2021, 34, e14628.	0.8	7
46	Voice Alterations in Patients With Spinocerebellar Ataxia Type 7 (SCA7): Clinical-Genetic Correlations. Journal of Voice, 2017, 31, 123.e1-123.e5.	0.6	6
47	A Complete Association of an intronic SNP rs6798742 with Origin of Spinocerebellar Ataxia Type 7â€CAG Expansion Loci in the Indian and Mexican Population. Annals of Human Genetics, 2017, 81, 197-204.	0.3	6
48	Non-invasive methods for evaluation of skin manifestations in patients with ichthyosis. Archives of Dermatological Research, 2020, 312, 231-236.	1.1	6
49	New Perspectives of Gene Therapy on Polyglutamine Spinocerebellar Ataxias: From Molecular Targets to Novel Nanovectors. Pharmaceutics, 2021, 13, 1018.	2.0	6
50	The Molecular Basis and Biologic Significance of the Î²-Dystroglycan-Emerin Interaction. International Journal of Molecular Sciences, 2020, 21, 5944.	1.8	5
51	The Need for Establishing a Universal CTG Sizing Method in Myotonic Dystrophy Type 1. Genes, 2020, 11, 757.	1.0	5
52	Interethnic variation of the MMP-9 microsatellite in Amerindian and Mexican Mestizo populations: considerations for genetic association studies. Genetics and Molecular Research, 2015, 14, 2929-2939.	0.3	4
53	Origin of the myotonic dystrophy type 1 mutation in Mexican population and influence of Amerindian ancestry on CTG repeat allelic distribution. Neuromuscular Disorders, 2017, 27, 1106-1114.	0.3	4
54	New copolymers as hosts of ribosomal RNA. BMC Chemistry, 2019, 13, 33.	1.6	4

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55	Association of TLR4 gene polymorphisms with sepsis after a burn injury: findings of the functional role of rs2737190 SNP. Genes and Immunity, 2021, 22, 24-34.	2.2	4
56	The association of single nucleotide polymorphisms in the calcitonin gene with primary osteoarthritis of the knee in Mexican mestizo population. Rheumatology International, 2013, 33, 2483-2491.	1.5	3
57	Verification of Inter-laboratorial Genotyping Consistency in the Molecular Diagnosis of Polyglutamine Spinocerebellar Ataxias. Journal of Molecular Neuroscience, 2016, 58, 83-87.	1.1	3
58	Oropharyngeal dysphagia in early stages of myotonic dystrophy type 1. Muscle and Nerve, 2019, 60, 90-95.	1.0	3
59	The intracellular domain of Î²-dystroglycan mediates the nucleolar stress response by suppressing UBF transcriptional activity. Cell Death and Disease, 2019, 10, 196.	2.7	3
60	Dysferlin quantification in monocytes for rapid screening for dysferlinopathies. Muscle and Nerve, 2016, 54, 1064-1071.	1.0	2
61	ALOX5,LPA,MMP9andTPOgene polymorphisms increase atherothrombosis susceptibility in middle-aged Mexicans. Royal Society Open Science, 2020, 7, 190775.	1.1	2
62	Involvement of the Auditory Pathway in Spinocerebellar Ataxia Type 7. Neurodegenerative Diseases, 2020, 20, 185-192.	0.8	2
63	Recessive Spinocerebellar Ataxia with Paroxysmal Cough Attacks: A Report of Five Cases. Cerebellum, 2014, 13, 215-221.	1.4	1
64	Clinical and molecular effect on offspring of a marriage of consanguineous spinocerebellar ataxia type 7 mutation carriers: a family case report. International Journal of Clinical and Experimental Medicine, 2014, 7, 5896-903.	1.3	1
65	Genetic Distribution of Five Spinocerebellar Ataxia Microsatellite Loci in Mexican Native American Populations and Its Impact on Contemporary Mestizo Populations. Genes, 2022, 13, 157.	1.0	1
66	An Exploratory Survey on the Care for Ataxic Patients in the American Continents and the Caribbean. Cerebellum, 2023, 22, 708-718.	1.4	1
67	La electroforesis capilar como una nueva estrategia en la medicina y el diagnÃ³stico clÃnico. Revista Medica De Chile, 2009, 137, .	0.1	0
68	P.18.11 Nerve conduction alterations in Mexican patients with myotonic dystrophy type 1. Neuromuscular Disorders, 2013, 23, 835.	0.3	0
69	Coexistence of Fragile-X Syndrome, 8p23.1 Deletion, and Balanced Translocation t(7;10)(p10;q24) in a Single Family. Genetic Testing and Molecular Biomarkers, 2020, 24, 527-531.	0.3	0