Silvia Izquierdo Alvarez

List of Publications by Year
in descending order

65 papers	603 citations	840728 11 h-index	642715 23 g-index
90 all docs	90 docs citations	90 times ranked	1031 citing authors

#	Article	IF	Citations
1	Updating of normal levels of copper, zinc and selenium in serum of pregnant women. Journal of Trace Elements in Medicine and Biology, 2007, 21, 49-52.	3.0	116
2	Thyroid hormones according to gestational age in pregnant Spanish women. BMC Research Notes, 2009, 2, 237.	1.4	91
3	The impact of exercise duration and intensity on the release of cardiac biomarkers. Scandinavian Journal of Medicine and Science in Sports, 2011, 21, 244-249.	2.9	72
4	Cardiac Biomarkers and Exercise Duration and Intensity During a Cycle-Touring Event. Clinical Journal of Sport Medicine, 2009, 19, 293-299.	1.8	41
5	Reference levels of trace elements in hair samples from children and adolescents in Madrid, Spain. Journal of Trace Elements in Medicine and Biology, 2017, 43, 113-120.	3.0	33
6	Differential diagnosis of microcytic anemia: the role of microcytic and hypochromic erythrocytes. International Journal of Laboratory Hematology, 2015, 37, 334-340.	1.3	25
7	Total and speciated urinary arsenic levels in the Spanish population. Science of the Total Environment, 2016, 571, 164-171.	8.0	22
8	Hereditary primary lateral sclerosis and progressive nonfluent aphasia. Journal of Neurology, 2019, 266, 1079-1090.	3.6	21
9	Multivariable Discriminant Analysis for the Differential Diagnosis of Microcytic Anemia. Anemia, 2013, 2013, 1-6.	1.7	19
10	Inaugural cognitive decline, late disease onset and novel STUB1 variants in SCAR16. Neurological Sciences, 2018, 39, 2231-2233.	1.9	17
11	Reticulocyte hemoglobin content (MCHr) in the detection of iron deficiency. Journal of Trace Elements in Medicine and Biology, 2017, 43, 29-32.	3.0	16
12	Effect of AGG Interruptions on FMR1 Maternal Transmissions. Frontiers in Molecular Biosciences, 2020, 7, 135.	3.5	13
13	Is there an association between fibromyalgia and below-normal levels of urinary cortisol?. BMC Research Notes, 2008, 1, 134.	1.4	11
14	Evaluation of blood mercury and serum selenium levels in the pregnant population of the Community of Madrid, Spain. Journal of Trace Elements in Medicine and Biology, 2020, 57, 60-67.	3.0	9
15	Post-exercise left ventricular dysfunction measured after a long-duration cycling event. BMC Research Notes, 2013, 6, 211.	1.4	8
16	Episodic Vestibulocerebellar Ataxia Associated with a <i>CACNA1G</i> Missense Variant. Case Reports in Neurology, 2021, 13, 347-354.	0.7	8
17	Combination of a triple alpha-globin gene with beta-thalassemia in a gypsy family: importance of the genetic testing in the diagnosis and search for a donor for bone marrow transplantation for one of their children. BMC Research Notes, 2016, 9, 220.	1.4	7
18	New pathogenic variant in the FGF10 gene in the agenesis of lacrimal and salivary gland syndrome: Ophthalmological and genetic study. Ophthalmic Genetics, 2018, 39, 125-128.	1.2	7

#	Article	IF	Citations
19	The Need to Update Reference Values for Lead in Zaragoza, Spain. Biological Trace Element Research, 2008, 123, 277-280.	3.5	6
20	Clinical manifestations of episodic ataxia type 5. Neurology: Clinical Practice, 2019, 9, 503-504.	1.6	6
21	Clinical implication of FMR1 intermediate alleles in a Spanish population. Clinical Genetics, 2018, 94, 153-158.	2.0	5
22	Validation of determination of lead (Pb) in blood by electrothermal atomic absorption spectrometry (ETAAS) on the basis of interlaboratory comparison data. Journal of Trace Elements in Medicine and Biology, 2007, 21, 26-28.	3.0	4
23	Magnesium concentration in amniotic fluid in the early weeks of the second trimester of pregnancy. BMC Research Notes, 2011, 4, 185.	1.4	4
24	Role of mitochondrial DNA variants in the development of fragile X-associated tremor/ataxia syndrome. Mitochondrion, 2020, 52, 157-162.	3.4	4
25	A deep vein thrombosis caused by 20209C>T mutation in homozygosis of the prothrombin gene in a Caucasian patient. Biochemia Medica, 2014, 24, 159-166.	2.7	3
26	Carriage of One or Two FMR1 Premutation Alleles Seems to Have No Effect on Illness Severity in a FXTAS Female with an Autozygous FMR1 Premutation Allele. Cerebellum, 2016, 15, 570-577.	2.5	2
27	Rasopathies case report: concurrence of two pathogenic variations de novo in NF1 and KRAS genes in a patient. BMC Pediatrics, 2019, 19, 92.	1.7	2
28	OsteogÃ©nesis imperfecta causada por mutaciÃ³n en los genes COL1A1, CRTAP y LEPRE1. Estudio de 2 casos. Medicina ClÃnica, 2019, 153, 336-337.	0.6	2
29	Incidence of Huntington disease in a northeastern Spanish region: a 13-year retrospective study at tertiary care centre. BMC Medical Genetics, 2020, 21, 233.	2.1	2
30	GestiÃ³n del proceso posanalÃtico en los laboratorios clÃnicos segÃºn los requisitos de la norma ISO 15189:2012. Consideraciones sobre la revisiÃ³n, notificaciÃ³n y comunicaciÃ³n de los resultados. Advances in Laboratory Medicine / Avances En Medicina De Laboratorio, 2021, 2, 61-70.	0.2	2
31	CYB5R3 homozygous pathogenic variant as a rare cause of cyanosis in the newborn. Clinical Biochemistry, 2022, , .	1.9	2
32	Triplet expansion cytosineâ€“guanineâ€“guanine: Three cases of OMIM syndrome in the same family. Medicina ClÃnica (English Edition), 2016, 146, 311-315.	0.2	1
33	Nueva variante patogÃ©nica en el gen NPR2: etiologÃa de talla baja, macrocefalia y displasia Ã³sea en varÃ³n afectado de displasia acromesomÃ©lica tipo Maroteaux. Medicina ClÃnica, 2017, 149, 553-554.	0.6	1
34	Nueva variante probablemente patogÃ©nica c.1249A>C en el exÃ³n 7 del gen GAA asociada a la enfermedad de Pompe del adulto. NeurologÃa, 2018, 33, 346-348.	0.7	1
35	A study of crystalluria: effectiveness of including hygienic-dietary recommendations in laboratory reports. Advances in Laboratory Medicine / Avances En Medicina De Laboratorio, 2021, 2, 109-114.	0.2	1
36	Management of post-analytical processes in the clinical laboratory according to ISO 15189:2012. Considerations about the management of clinical samples, ensuring quality of post-analytical processes, and laboratory information management. Advances in Laboratory Medicine / Avances En Medicina De Laboratorio, 2021, 2, 373-380.	0.2	1

#	Article	IF	Citations
37	Distrofia miotÃ³nica tipo 1: 13 aÃ±os de experiencia en un hospital terciario. Estudio clÃnico y epidemiolÃ³gico. CorrelaciÃ³n genotipo-fenotipo. NeurologÃa, 2023, 38, 530-540.	0.7	1
38	Initial Cerebellar Ataxia in Hereditary Adult-Onset Primary Lateral Sclerosis. Case Reports in Neurology, 2021, 13, 414-421.	0.7	1
39	Management of postanalytical processes in the clinical laboratory according to ISO 15189:2012 Standard requirements: considerations on the review, reporting and release of results. Advances in Laboratory Medicine / Avances En Medicina De Laboratorio, 2021, 2, 51-59.	0.2	1
40	Three novel variants in SOX10 gene: Waardenburg and PCWH syndromes. Egyptian Journal of Medical Human Genetics, 2022, 23, .	1.0	1
41	Clinical and genetic features of Spanish patients with Mevalonate kinase deficiency. Pediatric Rheumatology, 2015, 13, .	2.1	0
42	The Role of Iron and Other Trace Elements on Mental Development and Cognitive Function. , 2015, , 157-179.		0
43	MutaciÃ³n en heterocigosis en el gen del receptor de la hormona de crecimiento como causa de la talla baja. Medicina ClÃnica, 2017, 148, e9-e10.	0.6	0
44	Heterozygous mutation in the receptor gene of the growth hormone as cause of short stature. Medicina ClÃnica (English Edition), 2017, 148, e9-e10.	0.2	0
45	New pathogenic variant in the NPR2 gene: Etiology of low size, macrocephaly and bone dysplasia in a male with acromesomelic dysplasia Maroteaux-type. Medicina ClÃnica (English Edition), 2017, 149, 553-554.	0.2	0
46	DÃ©ficit de 3Î²-hidroxiesteroide deshidrogenasa detectado a travÃ©s de la elevaciÃ³n de la 17-hidroxiprogesterona en el cribado neonatal. Medicina ClÃnica, 2018, 151, e49-e50.	0.6	0
47	3Î²-hydroxyesteroid dehydrogenase deficiency detected through increased serum levels of 17-hydroxyprogesterone in the neonatal screening. Medicina ClÃnica (English Edition), 2018, 151, e49-e50.	0.2	0
48	Study of the presence of crystalluria produced by ureolytic bacteria in Zaragoza (Aragon, Spain) during 2018. Clinica Chimica Acta, 2019, 493, S471.	1.1	0
49	Influence of immunoassay use in the determination of vitamin D. Clinica Chimica Acta, 2019, 493, S629.	1.1	0
50	Premutation in FMR1 gene cause of gait ataxia in three adult males: FXTAS and hereditary ataxias. Clinica Chimica Acta, 2019, 493, S231.	1.1	0
51	Priority role of the laboratory in the prevention of renal lithiasis and its results. Clinica Chimica Acta, 2019, 493, S462.	1.1	0
52	Osteogenesis imperfecta caused by COL1A1, CRTAP and LEPRE1 mutations. Report of 2 cases. Medicina ClÃnica (English Edition), 2019, 153, 336-337.	0.2	0
53	OsteogÃ©nesis imperfecta: anÃ¡lisis de 40 pacientes. Medicina ClÃnica, 2020, 154, 512-518.	0.6	0
54	Osteogenesis imperfecta: Review of 40 patients. Medicina ClÃnica (English Edition), 2020, 154, 512-518.	0.2	0

#	Article	IF	Citations
55	GestiÃ³n del proceso posanalÃtico en los laboratorios clÃnicos segÃºn los requisitos de la norma ISO 15189:2012. Consideraciones sobre laÂgestiÃ³n de muestras clÃnicas, aseguramiento deÂla calidad en el proceso posanalÃtico y gestiÃ³n de la informaciÃ³n del laboratorio. Advances in Laboratory Medicine / Avances En Medicina De Laboratorio, 2021, 2, 381-389.	0.2	0
56	Nueva variante en el gen COL4A3: etiologÃa de un sÃndrome de Alport tipo 2 en varÃ³n de 38 aÃ±os con sospecha de nefritis hereditaria. Advances in Laboratory Medicine / Avances En Medicina De Laboratorio, 2021, 2, 457-462.	0.2	0
57	A novel variant in the COL4A3 gene: etiology of Alport syndrome type 2 in a 38-year-old male with suspected hereditary kidney disease. Advances in Laboratory Medicine / Avances En Medicina De Laboratorio, 2021, 2, 451-456.	0.2	0
58	MiocardiopatÃa de presentaciÃ³n posnatal en una reciÃ©n nacida con miopatÃa de Salih. Medicina ClÃnica, 2021, 157, 499-500.	0.6	0
59	Estudio de la cristaluria: efectividad de la incorporaciÃ³n de medidas higiÃ©nico-dietÃ©ticas en los informes de laboratorio. Advances in Laboratory Medicine / Avances En Medicina De Laboratorio, 2021, 2, 115-120.	0.2	0
60	Familial clustering of primary lateral sclerosis and amyotrophic lateral sclerosis: Supplementary evidence for a continuum.. European Journal of Neurology, 2022, 29, e1-e2.	3.3	0
61	Variante en gen HARS detectada en exoma clÃnico: etiologÃa de neuropatÃa perifÃ©rica tras mÃ¡s de 20 aÃ±os sin diagnÃ³stico. Advances in Laboratory Medicine / Avances En Medicina De Laboratorio, 2020, 1, .	0.2	0
62	A variant of the gene HARS detected in the clinical exome: etiology of a peripheral neuropathy undiagnosed for 20 years. Advances in Laboratory Medicine / Avances En Medicina De Laboratorio, 2020, 1, .	0.2	0
63	Postnatal cardiomyopathy in a newborn with Salih myopathy. Medicina ClÃnica (English Edition), 2021, 157, 499-499.	0.2	0
64	Estimation of precision and inaccuracy for serum magnesium determination on the basis of interlaboratory comparison data Accreditation ISO 15189. Magnesium Research, 2008, 21, 51-7.	0.5	0
65	A novel likely pathogenic variant in the H1-4 gene c.139Gâ€‰>â€‰CÂp.(Ala47Pro) associated with Rahman syndrome: a clinical report. Egyptian Journal of Medical Human Genetics, 2022, 23, .	1.0	0