Julio Escribano

List of Publications by Year
in descending order

107 papers	3,615 citations	147801 31 h-index	149698 56 g-index
116 all docs	116 docs citations	116 times ranked	4041 citing authors

#	Article	IF	Citations
1	RNA and protein expression analysis of HLAâ€ÐQB1*03:01:01:21Q allele: A null allele renamed as HLAâ€ÐQB1*03:01:01:21N. Hla, 2022, , .	0.6	4
2	Knockout of myoc Provides Evidence for the Role of Myocilin in Zebrafish Sex Determination Associated with Wnt Signalling Downregulation. Biology, 2021, 10, 98.	2.8	2
3	Null cyp1b1 Activity in Zebrafish Leads to Variable Craniofacial Defects Associated with Altered Expression of Extracellular Matrix and Lipid Metabolism Genes. International Journal of Molecular Sciences, 2021, 22, 6430.	4.1	6
4	Cataract extraction in patients with primary congenital glaucoma. European Journal of Ophthalmology, 2020, 30, 525-532.	1.3	4
5	Role of GUCA1C in Primary Congenital Glaucoma and in the Retina: Functional Evaluation in Zebrafish. Genes, 2020, 11, 550.	2.4	10
6	CPAMD8 loss-of-function underlies non-dominant congenital glaucoma with variable anterior segment dysgenesis and abnormal extracellular matrix. Human Genetics, 2020, 139, 1209-1231.	3.8	23
7	Current perspectives in Bietti crystalline dystrophy . Clinical Ophthalmology, 2019, Volume 13, 1379-1399.	1.8	37
8	Role of FOXC2 and PITX2 rare variants associated with mild functional alterations as modifier factors in congenital glaucoma. PLoS ONE, 2019, 14, e0211029.	2.5	10
9	Transforming growth factor betaâ€induced p.(L558P) variant is associated with autosomal dominant lattice corneal dystrophy type IV in a large cohort of Spanish patients. Clinical and Experimental Ophthalmology, 2019, 47, 871-880.	2.6	0
10	Identification of novel <scp>CYP</scp>4V2 genotypes associated with Bietti crystalline dystrophy and atypical anterior segment phenotypes in Spanish patients. Acta Ophthalmologica, 2018, 96, e865-e873.	1.1	8
11	Identification of myocilin as a blood plasma protein and analysis of its role in leukocyte adhesion to endothelial cell monolayers. PLoS ONE, 2018, 13, e0209364.	2.5	7
12	Molecular and neurochemical substrates of the audiogenic seizure strains: The GASH:Sal model. Epilepsy and Behavior, 2017, 71, 218-225.	1.7	18
13	Whole-Exome Sequencing of Congenital Glaucoma Patients Reveals Hypermorphic Variants in GPATCH3, a New Gene Involved in Ocular and Craniofacial Development. Scientific Reports, 2017, 7, 46175.	3.3	22
14	Metallothionein polymorphisms in a Northern Spanish population with neovascular and dry forms of age-related macular degeneration. Ophthalmic Genetics, 2017, 38, 451-458.	1.2	2
15	Goniodysgenesis variability and activity of CYP1B1 genotypes in primary congenital glaucoma. PLoS ONE, 2017, 12, e0176386.	2.5	28
16	Functional characterization of eight rare missense <scp>CYP</scp>1B1 variants involved in congenital glaucoma and their association with null genotypes. Acta Ophthalmologica, 2016, 94, e555-e560.	1.1	8
17	A novel transient phase kinetic analysis of the fractional modification of monocyclic enzyme cascades. Journal of Mathematical Chemistry, 2016, 54, 1952-1972.	1.5	2
18	Rare FOXC1 variants in congenital glaucoma: identification of translation regulatory sequences. European Journal of Human Genetics, 2016, 24, 672-680.	2.8	18

#	Article	IF	Citations
19	CFH polymorphisms in a Northern Spanish population with neovascular and dry forms of ageâ€related macular degeneration. Acta Ophthalmologica, 2015, 93, e658-66.	1.1	11
20	LOXL1 gene variants and their association with pseudoexfoliation glaucoma (XFG) in Spanish patients. BMC Medical Genetics, 2015, 16, 72.	2.1	14
21	Clinical Variability of Primary Congenital Glaucoma in a Spanish Family With Cyp1b1 Gene Mutations. Journal of Glaucoma, 2015, 24, 630-634.	1.6	9
22	The Role of hsa-miR-548l Dysregulation as a Putative Modifier Factor for Glaucoma-Associated FOXC1 Mutations. MicroRNA (Shariqah, United Arab Emirates), 2015, 4, 50-56.	1.2	8
23	Hypo- and Hypermorphic FOXC1 Mutations in Dominant Glaucoma: Transactivation and Phenotypic Variability. PLoS ONE, 2015, 10, e0119272.	2.5	24
24	Analysis of the fractional modification of the monocyclic enzyme cascades, defined in an alternative way involving the two forms of the modified protein. Journal of Mathematical Chemistry, 2014, 52, 2442-2458.	1.5	1
25	Comparative proteomic study in serum of patients with primary open-angle glaucoma and pseudoexfoliation glaucoma. Journal of Proteomics, 2014, 98, 65-78.	2.4	39
26	Coâ€inheritance of <scp>HNF</scp>1a and <scp>GCK</scp> mutations in a family with maturityâ€onset diabetes of the young (<scp>MODY</scp>): implications for genetic testing. Clinical Endocrinology, 2013, 79, 342-347.	2.4	15
27	Null CYP1B1 Genotypes in Primary Congenital and Nondominant Juvenile Glaucoma. Ophthalmology, 2013, 120, 716-723.	5.2	41
28	Genotypeâ€“Phenotype Analysis of Bietti Crystalline Dystrophy in a Family with the CYP4V2 Ile111Thr Mutation. Cornea, 2013, 32, 1002-1008.	1.7	20
29	Bicarbonate-Dependent Secretion and Proteolytic Processing of Recombinant Myocilin. PLoS ONE, 2013, 8, e54385.	2.5	14
30	Recent Patents and Developments in Glaucoma Biomarkers. Recent Patents on Endocrine, Metabolic & Immune Drug Discovery, 2012, 6, 224-234.	0.6	6
31	Role of CYP1B1 Gene Polymorphisms in Bladder Cancer Susceptibility. Journal of Urology, 2012, 187, 700-706.	0.4	28
32	GSTT1, GSTM1, and CYP1B1 gene polymorphisms and susceptibility to sporadic renal cell cancer. Urologic Oncology: Seminars and Original Investigations, 2012, 30, 864-870.	1.6	19
33	Opposite caudal versus rostral brain nitric oxide synthase response to generalized seizures in a novel rodent model of reflex epilepsy. Life Sciences, 2012, 90, 531-537.	4.3	13
34	Importance of clinical variables in the diagnosis of MODY2 and MODY3. EndocrinologÃa Y NutriciÃ³n (English Edition), 2011, 58, 341-346.	0.5	1
35	Importance of clinical variables in the diagnosis of MODY2 and MODY3. Endocrinologia Y Nutricion: Organo De La Sociedad Espanola De Endocrinologia Y Nutricion, 2011, 58, 341-346.	0.8	4
36	Interaction of Recombinant Myocilin with the Matricellular Protein SPARC: Functional Implications. , 2011, 52, 179.		33

#	Article	IF	Citations
37	Polymorphic deletions of theGSTT1andGSTM1genes and susceptibility to bladder cancer. BJU International, 2011, 107, 1825-1832.	2.5	19
38	Triterpenoid saponins from corms of Crocus sativus: Localization, extraction and characterization. Industrial Crops and Products, 2011, 34, 1401-1409.	5.2	27
39	WDR36andP53Gene Variants and Susceptibility to Primary Open-Angle Glaucoma: Analysis of Gene-Gene Interactions. , 2011, 52, 8467.		28
40	A general model for non-autocatalytic zymogen activation in the presence of two different and mutually exclusive inhibitors. I. Kinetic analysis. Journal of Mathematical Chemistry, 2010, 48, 617-634.	1.5	2
41	A general model for non-autocatalytic zymogen activation in the presence of two different and mutually exclusive inhibitors. II. Relative weight of activation and inhibition processes. Journal of Mathematical Chemistry, 2010, 48, 635-652.	1.5	1
42	Functional analysis of CYP1B1 mutations and association of heterozygous hypomorphic alleles with primary openâ€angle glaucoma. Clinical Genetics, 2010, 77, 70-78.	2.0	40
43	Functional Role of Proteolytic Processing of Recombinant Myocilin in Self-Aggregation. , 2010, 51, 72.		18
44	Clinical differences between patients with MODY-3, MODY-2 and type 2 diabetes mellitus with I27L polymorphism in the HNF1Î± gene. Endocrinologia Y Nutricion: Organo De La Sociedad Espanola De Endocrinologia Y Nutricion, 2010, 57, 4-8.	0.8	8
45	Primary congenital glaucoma caused by the homozygous F261L CYP1B1 mutation and paternal isodisomy of chromosome 2. Clinical Genetics, 2009, 76, 552-557.	2.0	17
46	CYP1B1 mutations in Spanish patients with primary congenital glaucoma: phenotypic and functional variability. Molecular Vision, 2009, 15, 417-31.	1.1	56
47	Implications of mismatch repair genes hMLH1 and hMSH2 in patients with sporadic renal cell carcinoma. BJU International, 2008, 102, 504-509.	2.5	18
48	Implications of p53 gene mutations on patient survival in transitional cell carcinoma of the bladder: A long-term study. Urologic Oncology: Seminars and Original Investigations, 2008, 26, 620-626.	1.6	34
49	Expression and purification of functional recombinant human pigment epithelium-derived factor (PEDF) secreted by the yeast Pichia pastoris. Journal of Biotechnology, 2008, 134, 193-201.	3.8	11
50	Heterozygous expression of myocilin glaucoma mutants increases secretion of the mutant forms and reduces extracellular processed myocilin. Molecular Vision, 2008, 14, 2097-108.	1.1	12
51	Characterization of the Intracellular Proteolytic Cleavage of Myocilin and Identification of Calpain II as a Myocilin-processing Protease. Journal of Biological Chemistry, 2007, 282, 27810-27824.	3.4	45
52	Sensitivity and Specificity of P53 Protein Detection by Immunohistochemistry in Patients with Urothelial Bladder Carcinoma. Urologia Internationalis, 2007, 79, 321-327.	1.3	23
53	Using ankle-brachial index to detect peripheral arterial disease: Prevalence and associated risk factors in a random population sample. Nutrition, Metabolism and Cardiovascular Diseases, 2007, 17, 41-49.	2.6	47
54	Kinetic analysis of a general model of activation of aspartic proteinase zymogens involving a reversible inhibitor. II. Contribution of the uni- and bimolecular activation routes. Journal of Enzyme Inhibition and Medicinal Chemistry, 2007, 22, 157-163.	5.2	1

#	Article	IF	Citations
55	Mental Health and Functional Outcomes of Maternal and Adolescent Reports of Adolescent Depressive Symptoms. Journal of the American Academy of Child and Adolescent Psychiatry, 2007, 46, 1162-1170.	0.5	42
56	VHL Protein Alterations in Sporadic Renal Cell Carcinoma. Clinical Oncology, 2007, 19, 784-789.	1.4	6
57	New perspectives in aqueous humor secretion and in glaucoma: The ciliary body as a multifunctional neuroendocrine gland. Progress in Retinal and Eye Research, 2007, 26, 239-262.	15.5	121
58	Role of MYOC and OPTN sequence variations in Spanish patients with primary open-angle glaucoma. Molecular Vision, 2007, 13, 862-72.	1.1	24
59	R124C and R555W TGFBI mutations in Spanish families with autosomal-dominant corneal dystrophies. Molecular Vision, 2007, 13, 1390-6.	1.1	11
60	MYOC gene mutations in Spanish patients with autosomal dominant primary open-angle glaucoma: a founder effect in southeast Spain. Molecular Vision, 2007, 13, 1666-73.	1.1	20
61	Interaction of myocilin with the C-terminal region of hevin. Biochemical and Biophysical Research Communications, 2006, 339, 797-804.	2.1	27
62	Pigment epitheliumâ€“derived factor is a niche signal for neural stem cell renewal. Nature Neuroscience, 2006, 9, 331-339.	14.8	427
63	Determination of vhl Gene Mutations in Sporadic Renal Cell Carcinoma. European Urology, 2006, 49, 1051-1057.	1.9	30
64	Identification of a Lipase-linked Cell Membrane Receptor for Pigment Epithelium-derived Factor. Journal of Biological Chemistry, 2006, 281, 38022-38037.	3.4	252
65	Heterozygous CYP1B1 gene mutations in Spanish patients with primary open-angle glaucoma. Molecular Vision, 2006, 12, 748-55.	1.1	61
66	Relationship between the Arg72Pro Polymorphism of p53 and outcome for patients with traumatic brain injury. Intensive Care Medicine, 2005, 31, 1168-1173.	8.2	40
67	Myocilin Mutations Causing Glaucoma Inhibit the Intracellular Endoproteolytic Cleavage of Myocilin between Amino Acids Arg226 and Ile227*. Journal of Biological Chemistry, 2005, 280, 21043-21051.	3.4	75
68	PRESENCE OF BIOACTIVE GLYCOCONJUGATES ON DIFFERENT STAGES OF SAFFRON CORM. Acta Horticulturae, 2004, , 485-489.	0.2	0
69	p53 Gene Mutations in Superficial Bladder Cancer. Urologia Internationalis, 2004, 73, 212-218.	1.3	13
70	DEVELOPMENT AND GENE EXPRESSION IN SAFFRON CORMS. Acta Horticulturae, 2004, , 141-153.	0.2	7
71	Prognostic Implications of p53 Gene Mutations in Bladder Tumors. Journal of Urology, 2003, 169, 492-499.	0.4	37
72	Sex steroid hormone metabolism takes place in human ocular cells. Journal of Steroid Biochemistry and Molecular Biology, 2003, 86, 207-216.	2.5	15

#	Article	IF	Citations
73	Threonines at position 174 and 235 of the angiotensinogen polypeptide chain are related to familial history of hypertension in a Spanish-Mediterranean population. British Journal of Biomedical Science, 2002, 59, 95-100.	1.3	12
74	Identification of a Neuropeptide and Neuropeptide-Processing Enzymes in Aqueous Humor Confers Neuroendocrine Features to the Human Ocular Ciliary Epithelium. Journal of Neurochemistry, 2002, 66, 787-796.	3.9	29
75	Comparison of three different PCR methods for detection of Brucella spp. in human blood samples. FEMS Immunology and Medical Microbiology, 2002, 34, 147-151.	2.7	1
76	Bioinformatics and reanalysis of subtracted expressed sequence tags from the human ciliary body: Identification of novel biological functions. Molecular Vision, 2002, 8, 315-32.	1.1	19
77	Angiotensin-converting enzyme (ACE) gene polymorphisms, serum ACE activity and blood pressure in a Spanish-Mediterranean population. Journal of Human Hypertension, 2000, 14, 131-135.	2.2	32
78	The Cytolytic Effect of a Glycoconjugate Extracted from Corms of Saffron Plant (Crocus sativus) on Human Cell Lines in Culture. Planta Medica, 2000, 66, 157-162.	1.3	42
79	A glycoconjugate from corms of saffron plant (Crocus sativus L.) inhibits root growth and affects in vitro cell viability. Journal of Experimental Botany, 2000, 51, 731-737.	4.8	9
80	Expression of the TIGR gene in the iris, ciliary body, and trabecular meshwork of the human eye. Ophthalmic Genetics, 2000, 21, 155-169.	1.2	41
81	Purification and Characterization of a Mannan-Binding Lectin Specifically Expressed in Corms of Saffron Plant (CrocussativusL.). Journal of Agricultural and Food Chemistry, 2000, 48, 457-463.	5.2	22
82	Expression of the TIGR gene in the iris, ciliary body, and trabecular meshwork of the human eye. Ophthalmic Genetics, 2000, 21, 155-169.	1.2	9
83	A glycoconjugate from corms of saffron plant (Crocus sativus L.) inhibits root growth and affects in vitro cell viability. Journal of Experimental Botany, 2000, 51, 731-737.	4.8	0
84	Differential gene expression in the human ciliary epithelium. Progress in Retinal and Eye Research, 1999, 18, 403-429.	15.5	68
85	Effects of Long-Term Treatment of Colon Adenocarcinoma With Crocin, a Carotenoid From Saffron (Crocus sativus L.): An Experimental Study in the Rat. Nutrition and Cancer, 1999, 35, 120-126.	2.0	136
86	Relationship between variants of AT1R gene with blood pressure levels in a spanish population. Results of an epidemiologic study. American Journal of Hypertension, 1999, 12, 45.	2.0	0
87	Associated evaluation of differents variants of Angiotensinogen gen and the relation with blood pressure levels. Results of an epidemiologic study. American Journal of Hypertension, 1999, 12, 46.	2.0	0
88	Isolation and cytotoxic properties of a novel glycoconjugate from corms of saffron plant (Crocus) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	2.4	28
89	Identification, expression and chromosome localization of a human gene encoding a novel protein with similarity to the pilB family of transcriptional factors (pilin) and to bacterial peptide methionine sulfoxide reductases. Gene, 1999, 233, 233-240.	2.2	37
90	In vitro activation of macrophages by a novel proteoglycan isolated from corms of Crocus sativus L. Cancer Letters, 1999, 144, 107-114.	7.2	35

#	Article	IF	Citations
91	Production of a cytotoxic proteoglycan using callus culture of saffron corms (Crocus sativus L.). Journal of Biotechnology, 1999, 73, 53-59.	3.8	32
92	Development of cormogenic nodules and microcorms by tissue culture, a new tool for the multiplication and genetic improvement of saffron. Agronomy for Sustainable Development, 1999, 19, 603-610.	0.8	31
93	PCR Assay for Diagnosis of Human Brucellosis. Journal of Clinical Microbiology, 1999, 37, 1654-1655.	3.9	32
94	Genetics of hypertension in a Spanish population. Results from epidemiologic study, with a case-control population-based design. American Journal of Hypertension, 1998, 11, 6A.	2.0	0
95	Gene Expression of Proteases and Protease Inhibitors in the Human Ciliary Epithelium and ODM-2 Cells. Experimental Eye Research, 1997, 65, 289-299.	2.6	26
96	Cloning and characterization of subtracted cDNAs from a human ciliary body library encodingTIGR, a protein involved in juvenile open angle glaucoma with homology to myosin and olfactomedin. FEBS Letters, 1997, 413, 349-353.	2.8	139
97	Treatment of human brucellosis with doxycycline and gentamicin. Antimicrobial Agents and Chemotherapy, 1997, 41, 80-84.	3.2	64
98	Crocin, safranal and picrocrocin from saffron (Crocus sativus L.) inhibit the growth of human cancer cells in vitro. Cancer Letters, 1996, 100, 23-30.	7.2	318
99	Spectroscopic characterization by photodiode array detection of human urinary and amniotic protein HC subpopulations fractionated by anion-exchange and size-exclusion high-performance liquid chromatography. Journal of Chromatography A, 1996, 719, 149-157.	3.7	11
100	Isolation and Characterization of Cell-Specific cDNA Clones from a Subtractive Library of the Ocular Ciliary Body of a Single Normal Human Donor: Transcription and Synthesis of Plasma Proteins. Journal of Biochemistry, 1995, 118, 921-931.	1.7	61
101	cDNA from human ocular ciliary epithelium homologous to ?ig-h3 is preferentially expressed as an extracellular protein in the corneal epithelium. Journal of Cellular Physiology, 1994, 160, 511-521.	4.1	142
102	Efficient thyroid hormone formation by in vitro iodination of a segment of rat thyroglobulin fused to Staphylococcal protein A. FEBS Letters, 1992, 297, 266-270.	2.8	4
103	The protein HC chromophore is linked to the cysteine residue at position 34 of the polypeptide chain by a reduction-resistant bond and causes the charge heterogeneity of protein HC. Journal of Biological Chemistry, 1991, 266, 15758-63.	3.4	33
104	Identification of peptides containing aromatic amino acids, cysteine, iodotyrosine and iodothyronine by high-performance liquid chromatography with photodiode-array detection. Journal of Chromatography A, 1990, 512, 255-263.	3.7	6
105	Location and characterization of the three carbohydrate prosthetic groups of human protein HC. FEBS Letters, 1990, 266, 167-170.	2.8	28
106	High-performance liquid chromatography and photodiode-array detection of the human protein HC (human complex-forming glycoprotein heterogeneous in charge), a chromophore-associated protein. Journal of Chromatography A, 1988, 444, 165-175.	3.7	9
107	Identification of retinol as one of the protein HC chromophores. Biochemical and Biophysical Research Communications, 1988, 155, 1424-1429.	2.1	21