

# Julio Escribano

## List of Publications by Year in descending order

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107  
papers

3,615  
citations

147786

31  
h-index

149686

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 HLA*03:01:01:21Q allele: A null allele renamed as HLA*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	&lt;p&gt;Current perspectives in Bietti crystalline dystrophy&lt;/p&gt;. 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	<i>Transforming growth factor beta-induced</i> 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 <i><sc>CYP</sc>4V2</i> 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 Hyperomorphic 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 <i><sc>CYP</sc>1B1</i> 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

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19	<i>CFH</i> polymorphisms in a Northern Spanish population with neovascular and dry forms of age-related macular degeneration. <i>Acta Ophthalmologica</i> , 2015, 93, e658-66.	1.1	11
20	LOXL1 gene variants and their association with pseudoexfoliation glaucoma (XFG) in Spanish patients. <i>BMC Medical Genetics</i> , 2015, 16, 72.	2.1	14
21	Clinical Variability of Primary Congenital Glaucoma in a Spanish Family With Cyp1b1 Gene Mutations. <i>Journal of Glaucoma</i> , 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. <i>MicroRNA (Sharjah, United Arab Emirates)</i> , 2015, 4, 50-56.	1.2	8
23	Hypo- and Hypermorphic FOXC1 Mutations in Dominant Glaucoma: Transactivation and Phenotypic Variability. <i>PLoS ONE</i> , 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. <i>Journal of Mathematical Chemistry</i> , 2014, 52, 2442-2458.	1.5	1
25	Comparative proteomic study in serum of patients with primary open-angle glaucoma and pseudoexfoliation glaucoma. <i>Journal of Proteomics</i> , 2014, 98, 65-78.	2.4	39
26	Co-inheritance of <i>HNF1a</i> and <i>GCK</i> mutations in a family with maturity-onset diabetes of the young (<i>MODY</i>): implications for genetic testing. <i>Clinical Endocrinology</i> , 2013, 79, 342-347.	2.4	15
27	Null CYP1B1 Genotypes in Primary Congenital and Nondominant Juvenile Glaucoma. <i>Ophthalmology</i> , 2013, 120, 716-723.	5.2	41
28	Genotype-Phenotype Analysis of Bietti Crystalline Dystrophy in a Family with the CYP4V2 Ile111Thr Mutation. <i>Cornea</i> , 2013, 32, 1002-1008.	1.7	20
29	Bicarbonate-Dependent Secretion and Proteolytic Processing of Recombinant Myocilin. <i>PLoS ONE</i> , 2013, 8, e54385.	2.5	14
30	Recent Patents and Developments in Glaucoma Biomarkers. <i>Recent Patents on Endocrine, Metabolic &amp; Immune Drug Discovery</i> , 2012, 6, 224-234.	0.6	6
31	Role of <i>CYP1B1</i> Gene Polymorphisms in Bladder Cancer Susceptibility. <i>Journal of Urology</i> , 2012, 187, 700-706.	0.4	28
32	GSTT1, GSTM1, and CYP1B1 gene polymorphisms and susceptibility to sporadic renal cell cancer. <i>Urologic Oncology: Seminars and Original Investigations</i> , 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. <i>Life Sciences</i> , 2012, 90, 531-537.	4.3	13
34	Importance of clinical variables in the diagnosis of MODY2 and MODY3. <i>Endocrinología Y Nutrición (English Edition)</i> , 2011, 58, 341-346.	0.5	1
35	Importance of clinical variables in the diagnosis of MODY2 and MODY3. <i>Endocrinología Y Nutrición: Organo De La Sociedad Espanola De Endocrinología Y Nutrición</i> , 2011, 58, 341-346.	0.8	4
36	Interaction of Recombinant Myocilin with the Matricellular Protein SPARC: Functional Implications. , 2011, 52, 179.		33

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37	Polymorphic deletions of the <i>GSTT1</i> and <i>GSTM1</i> genes and susceptibility to bladder cancer. <i>BJU International</i> , 2011, 107, 1825-1832.	2.5	19
38	Triterpenoid saponins from corms of <i>Crocus sativus</i> : Localization, extraction and characterization. <i>Industrial Crops and Products</i> , 2011, 34, 1401-1409.	5.2	27
39	<i>WDR36</i> and <i>P53</i> Gene 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. <i>Journal of Mathematical Chemistry</i> , 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. <i>Journal of Mathematical Chemistry</i> , 2010, 48, 635-652.	1.5	1
42	Functional analysis of <i>CYP1B1</i> mutations and association of heterozygous hypomorphic alleles with primary open-angle glaucoma. <i>Clinical Genetics</i> , 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 <i>HNF1<math>\alpha</math></i> gene. <i>Endocrinología Y Nutrición: Órgano De La Sociedad Española De Endocrinología Y Nutrición</i> , 2010, 57, 4-8.	0.8	8
45	Primary congenital glaucoma caused by the homozygous F261L <i>CYP1B1</i> mutation and paternal isodisomy of chromosome 2. <i>Clinical Genetics</i> , 2009, 76, 552-557.	2.0	17
46	<i>CYP1B1</i> mutations in Spanish patients with primary congenital glaucoma: phenotypic and functional variability. <i>Molecular Vision</i> , 2009, 15, 417-31.	1.1	56
47	Implications of mismatch repair genes <i>hMLH1</i> and <i>hMSH2</i> in patients with sporadic renal cell carcinoma. <i>BJU International</i> , 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. <i>Urologic Oncology: Seminars and Original Investigations</i> , 2008, 26, 620-626.	1.6	34
49	Expression and purification of functional recombinant human pigment epithelium-derived factor (PEDF) secreted by the yeast <i>Pichia pastoris</i> . <i>Journal of Biotechnology</i> , 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. <i>Molecular Vision</i> , 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. <i>Journal of Biological Chemistry</i> , 2007, 282, 27810-27824.	3.4	45
52	Sensitivity and Specificity of P53 Protein Detection by Immunohistochemistry in Patients with Urothelial Bladder Carcinoma. <i>Urologia Internationalis</i> , 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. <i>Nutrition, Metabolism and Cardiovascular Diseases</i> , 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. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , 2007, 22, 157-163.	5.2	1

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

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73	Threonines at position 174 and 235 of the angiotensinogen polypeptide chain are related to familial history of hypertension in a Spanish-Mediterranean population. <i>British Journal of Biomedical Science</i> , 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. <i>Journal of Neurochemistry</i> , 2002, 66, 787-796.	3.9	29
75	Comparison of three different PCR methods for detection of <i>Brucella</i> spp. in human blood samples. <i>FEMS Immunology and Medical Microbiology</i> , 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. <i>Molecular Vision</i> , 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. <i>Journal of Human Hypertension</i> , 2000, 14, 131-135.	2.2	32
78	The Cytolytic Effect of a Glycoconjugate Extracted from Corms of Saffron Plant ( <i>Crocus sativus</i> ) on Human Cell Lines in Culture. <i>Planta Medica</i> , 2000, 66, 157-162.	1.3	42
79	A glycoconjugate from corms of saffron plant ( <i>Crocus sativus</i> L.) inhibits root growth and affects in vitro cell viability. <i>Journal of Experimental Botany</i> , 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. <i>Ophthalmic Genetics</i> , 2000, 21, 155-169.	1.2	41
81	Purification and Characterization of a Mannan-Binding Lectin Specifically Expressed in Corms of Saffron Plant ( <i>Crocussativus</i> L.). <i>Journal of Agricultural and Food Chemistry</i> , 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. <i>Ophthalmic Genetics</i> , 2000, 21, 155-169.	1.2	9
83	A glycoconjugate from corms of saffron plant ( <i>Crocus sativus</i> L.) inhibits root growth and affects in vitro cell viability. <i>Journal of Experimental Botany</i> , 2000, 51, 731-737.	4.8	0
84	Differential gene expression in the human ciliary epithelium. <i>Progress in Retinal and Eye Research</i> , 1999, 18, 403-429.	15.5	68
85	Effects of Long-Term Treatment of Colon Adenocarcinoma With Crocin, a Carotenoid From Saffron ( <i>Crocus sativus</i> L.): An Experimental Study in the Rat. <i>Nutrition and Cancer</i> , 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. <i>American Journal of Hypertension</i> , 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. <i>American Journal of Hypertension</i> , 1999, 12, 46.	2.0	0
88	Isolation and cytotoxic properties of a novel glycoconjugate from corms of saffron plant ( <i>Crocus</i> ) Tj ETQq0 0 0 rgBT JOverlock 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. <i>Gene</i> , 1999, 233, 233-240.	2.2	37
90	In vitro activation of macrophages by a novel proteoglycan isolated from corms of <i>Crocus sativus</i> L. <i>Cancer Letters</i> , 1999, 144, 107-114.	7.2	35

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91	Production of a cytotoxic proteoglycan using callus culture of saffron corms ( <i>Crocus sativus</i> L.). <i>Journal of Biotechnology</i> , 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. <i>Agronomy for Sustainable Development</i> , 1999, 19, 603-610.	0.8	31
93	PCR Assay for Diagnosis of Human Brucellosis. <i>Journal of Clinical Microbiology</i> , 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. <i>American Journal of Hypertension</i> , 1998, 11, 6A.	2.0	0
95	Gene Expression of Proteases and Protease Inhibitors in the Human Ciliary Epithelium and ODM-2 Cells. <i>Experimental Eye Research</i> , 1997, 65, 289-299.	2.6	26
96	Cloning and characterization of subtracted cDNAs from a human ciliary body library encoding TIGR, a protein involved in juvenile open angle glaucoma with homology to myosin and olfactomedin. <i>FEBS Letters</i> , 1997, 413, 349-353.	2.8	139
97	Treatment of human brucellosis with doxycycline and gentamicin. <i>Antimicrobial Agents and Chemotherapy</i> , 1997, 41, 80-84.	3.2	64
98	Crocin, safranal and picrocrocin from saffron ( <i>Crocus sativus</i> L.) inhibit the growth of human cancer cells in vitro. <i>Cancer Letters</i> , 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. <i>Journal of Chromatography A</i> , 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. <i>Journal of Biochemistry</i> , 1995, 118, 921-931.	1.7	61
101	cDNA from human ocular ciliary epithelium homologous to $\alpha$ ig-h3 is preferentially expressed as an extracellular protein in the corneal epithelium. <i>Journal of Cellular Physiology</i> , 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. <i>FEBS Letters</i> , 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. <i>Journal of Biological Chemistry</i> , 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. <i>Journal of Chromatography A</i> , 1990, 512, 255-263.	3.7	6
105	Location and characterization of the three carbohydrate prosthetic groups of human protein HC. <i>FEBS Letters</i> , 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. <i>Journal of Chromatography A</i> , 1988, 444, 165-175.	3.7	9
107	Identification of retinol as one of the protein HC chromophores. <i>Biochemical and Biophysical Research Communications</i> , 1988, 155, 1424-1429.	2.1	21