Tomas S Aleman

List of Publications by Year
in descending order

48 papers	2,804 citations	516710 16 h-index	345221 36 g-index
48 all docs	48 docs citations	48 times ranked	2808 citing authors

#	Article	IF	Citations
1	Gene therapy restores vision in a canine model of childhood blindness. Nature Genetics, 2001, 28, 92-95.	21.4	1,130
2	Retinal Laminar Architecture in Human Retinitis Pigmentosa Caused byRhodopsinGene Mutations. , 2008, 49, 1580.		118
3	Inner Retinal Abnormalities in X-linked Retinitis Pigmentosa withRPGRMutations. , 2007, 48, 4759.		107
4	Evaluation of Dose and Safety of AAV7m8 and AAV8BP2 in the Non-Human Primate Retina. Human Gene Therapy, 2017, 28, 154-167.	2.7	103
5	Rod and cone visual cycle consequences of a null mutation in the 11-cis-retinol dehydrogenase gene in man. Visual Neuroscience, 2000, 17, 667-678.	1.0	99
6	HumanCRB1-Associated Retinal Degeneration: Comparison with therd8 Crb1-Mutant Mouse Model. , 2011, 52, 6898.		98
7	Spinocerebellar Ataxia Type 7 (SCA7) Shows a Coneâ€“Rod Dystrophy Phenotype. Experimental Eye Research, 2002, 74, 737-745.	2.6	94
8	Natural History of the Central Structural Abnormalities in Choroideremia. Ophthalmology, 2017, 124, 359-373.	5.2	94
9	Impairment of the Transient Pupillary Light Reflex inRpe65^{â^'/â^'}Mice and Humans with Leber Congenital Amaurosis. , 2004, 45, 1259.		92
10	Clinical Perspective: Treating RPE65-Associated Retinal Dystrophy. Molecular Therapy, 2021, 29, 442-463.	8.2	92
11	CERKLMutations Cause an Autosomal Recessive Cone-Rod Dystrophy with Inner Retinopathy. , 2009, 50, 5944.		83
12	Normal Central Retinal Function and Structure Preserved in Retinitis Pigmentosa. , 2010, 51, 1079.		81
13	Macular Pigment and Lutein Supplementation inABCA4-Associated Retinal Degenerations. , 2007, 48, 1319.		63
14	Retinal structure in vitamin A deficiency as explored with multimodal imaging. Documenta Ophthalmologica, 2013, 127, 239-243.	2.2	60
15	Quantitative Assessment of Microstructural Changes of the Retina in Infants With Congenital Zika Syndrome. JAMA Ophthalmology, 2017, 135, 1069.	2.5	39
16	Optical coherence tomography identifies outer retina thinning in frontotemporal degeneration. Neurology, 2017, 89, 1604-1611.	1.1	39
17	Detailed functional and structural phenotype of Bietti crystalline dystrophy associated with mutations in CYP4V2 complicated by choroidal neovascularization. Ophthalmic Genetics, 2016, 37, 445-452.	1.2	34
18	Optical coherence tomography and visual evoked potentials in pediatric MS. Neurology: Neuroimmunology and NeuroInflammation, 2017, 4, e356.	6.0	32

#	Article	IF	Citations
19	Zika and the Eye: Pieces of a Puzzle. Progress in Retinal and Eye Research, 2018, 66, 85-106.	15.5	32
20	Cobalamin C Deficiency Shows a Rapidly Progressing Maculopathy With Severe Photoreceptor and Ganglion Cell Loss. , 2015, 56, 7875.		30
21	Complexity of the Class B Phenotype in Autosomal Dominant Retinitis Pigmentosa Due to Rhodopsin Mutations. , 2016, 57, 4847.		30
22	ACUTE EXUDATIVE PARANEOPLASTIC POLYMORPHOUS VITELLIFORM MACULOPATHY DURING VEMURAFENIB AND PEMBROLIZUMAB TREATMENT FOR METASTATIC MELANOMA. Retinal Cases and Brief Reports, 2019, 13, 103-107.	0.6	25
23	Visual Function at the Atrophic Border in Choroideremia Assessed with Adaptive Optics Microperimetry. Ophthalmology Retina, 2019, 3, 888-899.	2.4	23
24	Safety of Same-Eye Subretinal Sequential Readministration of AAV2-hRPE65v2 in Non-human Primates. Molecular Therapy - Methods and Clinical Development, 2019, 15, 133-148.	4.1	20
25	Prescreening whole exome sequencing results from patients with retinal degeneration for variants in genes associated with retinal degeneration. Clinical Ophthalmology, 2017, Volume 12, 49-63.	1.8	19
26	Amelioration of Neurosensory Structure and Function in Animal and Cellular Models of a Congenital Blindness. Molecular Therapy, 2018, 26, 1581-1593.	8.2	19
27	SPATA7: Evolving phenotype from cone-rod dystrophy to retinitis pigmentosa. Ophthalmic Genetics, 2016, 37, 333-338.	1.2	17
28	Persistent and Progressive Outer Retina Thinning in Frontotemporal Degeneration. Frontiers in Neuroscience, 2019, 13, 298.	2.8	17
29	A Virtual Reality Orientation and Mobility Test for Inherited Retinal Degenerations: Testing a Proof-of-Concept After Gene Therapy. Clinical Ophthalmology, 2021, Volume 15, 939-952.	1.8	13
30	Detailed retinal phenotype of Boucher-NeuhÃuser syndrome associated with mutations in PNPLA6 mimicking choroideremia. Ophthalmic Genetics, 2019, 40, 267-275.	1.2	12
31	Acute Zonal Cone Photoreceptor Outer Segment Loss. JAMA Ophthalmology, 2017, 135, 487.	2.5	11
32	Early photoreceptor outer segment loss and retinoschisis in Cohen syndrome. Ophthalmic Genetics, 2018, 39, 399-404.	1.2	11
33	Perspectives on Gene Therapy: Choroideremia Represents a Challenging Model for the Treatment of Other Inherited Retinal Degenerations. Translational Vision Science and Technology, 2020, 9, 17.	2.2	11
34	Comparative Natural History of Visual Function From Patients With Biallelic Variants inBBS1andBBS10. , 2021, 62, 26.		11
35	Identification of a novel pathogenic missense mutation inPRPF31using whole exome sequencing: a case report. British Journal of Ophthalmology, 2019, 103, 761-767.	3.9	9
36	Bardet-Biedl syndrome-7 (BBS7) shows treatment potential and a cone-rod dystrophy phenotype that recapitulates the non-human primate model. Ophthalmic Genetics, 2021, 42, 252-265.	1.2	9

#	Article	IF	Citations
37	Restoration of Vision and Retinal Responses After Adeno-Associated Virusâ€“Mediated Optogenetic Therapy in Blind Dogs. Translational Vision Science and Technology, 2022, 11, 24.	2.2	6
38	On variants and disease-causing mutations: Case studies of a SEMA4A variant identified in inherited blindness. Ophthalmic Genetics, 2018, 39, 144-146.	1.2	4
39	Inherited Retinal Disease Panelsâ€”Caveat Emptorâ€”Truly Know Your Inherited Retinal Disease Panel. Retina, 2022, 42, 1-3.	1.7	4
40	Evidence of Recurrent Microvascular Occlusions Associated with Acute Branch Retinal Artery Occlusion Demonstrated with Spectral-Domain Optical Coherence Tomography. Retina, 2012, 32, 1687-1688.	1.7	3
41	Absent Foveal Pit, Also Known as Fovea Plana, in a Child without Associated Ocular or Systemic Findings. Case Reports in Ophthalmological Medicine, 2018, 2018, 1-5.	0.5	2
42	WDR36-Associated Neurodegeneration: A Case Report Highlights Possible Mechanisms of Normal Tension Glaucoma. Genes, 2021, 12, 1624.	2.4	2
43	Relative preservation of the extramacular retina in LCA5-associated Leber congenital amaurosis. American Journal of Ophthalmology Case Reports, 2022, 25, 101260.	0.7	2
44	Relationship Between Optic Nerve Appearance and Retinal Nerve Fiber Layer Thickness as Explored with Spectral Domain Optical Coherence Tomography. Translational Vision Science and Technology, 2014, 3, 4.	2.2	1
45	Structural and Electrophysiologic Outcomes in a Patient with Retinal Metallosis. Ophthalmology Retina, 2018, 2, 173-175.	2.4	1
46	Compound Heterozygous Mutations in ZNF408 in a Patient with a Late Onset Pigmentary Retinopathy and Relatively Preserved Central Retina. Documenta Ophthalmologica, 2021, 143, 305-312.	2.2	1
47	Triangular Sign of Amalric in Intravascular Lymphoma. Retinal Cases and Brief Reports, 2020, Publish Ahead of Print, .	0.6	1
48	Unicoronal Craniosynostosis. Journal of Craniofacial Surgery, 2021, Publish Ahead of Print, 2370-2372.	0.7	0