Ken K Nischal

List of Publications by Year
in descending order

120 papers	3,245 citations	147801 31 h-index	168389 53 g-index
139 all docs	139 docs citations	139 times ranked	3842 citing authors

#	Article	IF	Citations
1	Clinical and Molecular Phenotype of Aicardi-GoutiÃ¨res Syndrome. American Journal of Human Genetics, 2007, 81, 713-725.	6.2	375
2	Mutations in CTC1, encoding conserved telomere maintenance component 1, cause Coats plus. Nature Genetics, 2012, 44, 338-342.	21.4	234
3	Ocular abnormalities in Alagille syndrome11None of the authors has any commercial interest arising from the findings presented in this article.. Ophthalmology, 1999, 106, 330-337.	5.2	151
4	The Morphology and Natural History of Childhood Cataracts. Survey of Ophthalmology, 2003, 48, 125-144.	4.0	139
5	Subterranean mammals show convergent regression in ocular genes and enhancers, along with adaptation to tunneling. ELife, 2017, 6, .	6.0	138
6	Paediatric acquired demyelinating syndromes: incidence, clinical and magnetic resonance imaging features. Multiple Sclerosis Journal, 2013, 19, 76-86.	3.0	116
7	Pediatric cataract: challenges and future directions. Clinical Ophthalmology, 2015, 9, 77.	1.8	105
8	Values of electroretinogram responses according to axial length. Documenta Ophthalmologica, 2001, 102, 115-130.	2.2	98
9	Postoperative Glaucoma Following Infantile Cataract Surgery. JAMA Ophthalmology, 2014, 132, 1059.	2.5	89
10	The Oculome Panel Test. Ophthalmology, 2019, 126, 888-907.	5.2	77
11	Childhood optic neuritis clinical features and outcome. Archives of Disease in Childhood, 2011, 96, 860-862.	1.9	73
12	Monitoring Visual Function in Children With Syndromic Craniosynostosis. JAMA Ophthalmology, 2006, 124, 1119.	2.4	71
13	Indications and Outcomes of Deep Anterior Lamellar Keratoplasty in Children. Ophthalmology, 2010, 117, 2191-2195.	5.2	71
14	Visual Outcome and Corneal Changes in Children with Chronic Blepharokeratoconjunctivitis. Ophthalmology, 2007, 114, 2271-2280.	5.2	69
15	Functional Outcomes in Monobloc Advancement by Distraction Using the Rigid External Distractor Device. Plastic and Reconstructive Surgery, 2008, 121, 1311-1322.	1.4	67
16	Unilateral keratoconus in a child with chronic and persistent eye rubbing. American Journal of Ophthalmology, 2005, 139, 356-357.	3.3	63
17	Genetics of Congenital Corneal Opacificationâ€”Impact on Diagnosis and Treatment. Cornea, 2015, 34, S24-S34.	1.7	61
18	Genetic Analysis of â€˜PAX6-Negativeâ€™ Individuals with Aniridia or Gillespie Syndrome. PLoS ONE, 2016, 11, e0153757.	2.5	54

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19	Susceptibility weighted imaging depicts retinal hemorrhages in abusive head trauma. Neuroradiology, 2013, 55, 889-893.	2.2	53
20	Ophthalmology Practice During the Coronavirus Disease 2019 Pandemic: The University of Pittsburgh Experience in Promoting Clinic Safety and Embracing Video Visits. Ophthalmology and Therapy, 2020, 9, 1-9.	2.3	53
21	A new approach to the classification of neonatal corneal opacities. Current Opinion in Ophthalmology, 2012, 23, 344-354.	2.9	50
22	Use of the Delphi process in paediatric cataract management. British Journal of Ophthalmology, 2016, 100, 611-615.	3.9	49
23	Phenotypic Diversity and Mutation Spectrum in Hypotrichosis with Juvenile Macular Dystrophy. Journal of Investigative Dermatology, 2003, 121, 1217-1220.	0.7	46
24	Two-incision push-pull capsulorhexis for pediatric cataract surgery. Journal of Cataract and Refractive Surgery, 2002, 28, 593-595.	1.5	43
25	Role of ADAMTSL4 mutations in FBN1 mutation-negative ectopia lentis patients. Human Mutation, 2010, 31, E1622-E1631.	2.5	42
26	Sustained Raised Intracranial Pressure Implicated Only by Pattern Reversal Visual Evoked Potentials after Cranial Vault Expansion Surgery. Pediatric Neurosurgery, 2003, 39, 75-80.	0.7	39
27	Mutation of SALL2 causes recessive ocular coloboma in humans and mice. Human Molecular Genetics, 2014, 23, 2511-2526.	2.9	39
28	Digenic inheritance of mutations in FOXC1 and PITX2â€‰: Correlating transcription factor function and axenfeld-rieger disease severity. Human Mutation, 2011, 32, 1144-1152.	2.5	38
29	Congenital aniridia: etiology, manifestations and management. Expert Review of Ophthalmology, 2016, 11, 135-144.	0.6	36
30	Five-Year Experience of the 2-Incision Pushâ€“Pull Technique for Anterior and Posterior Capsulorrhexis in Pediatric Cataract Surgery. Ophthalmology, 2006, 113, 1309-1314.	5.2	34
31	Pharmacologic Management of Glaucoma in Childhood. Paediatric Drugs, 2007, 9, 71-79.	3.1	32
32	Ophthalmic Manifestations of Mycoplasma-Induced Rash and Mucositis. Cornea, 2019, 38, 1305-1308.	1.7	26
33	CYP1B1-Related Anterior Segment Developmental Anomalies. Ophthalmology, 2011, 118, 1865-1873.	5.2	23
34	Atopic Keratoconjunctivitis in Children: Clinical Features and Diagnosis. Ophthalmology, 2016, 123, 435-437.	5.2	23
35	Developing a pediatric ophthalmology telemedicine program in the COVID-19 crisis. Journal of AAPOS, 2020, 24, 204-208.e2.	0.3	21
36	Ocular Aspects of Craniofacial Disorders. American Orthoptic Journal, 2002, 52, 58-68.	0.3	19

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37	Foster-type modification of the knapp procedure for anomalous superior rectus muscles in syndromic craniosynostoses. Journal of AAPOS, 2003, 7, 279-282.	0.3	19
38	Visual field loss in children with craniosynostosis. Child's Nervous System, 2011, 27, 1289-1296.	1.1	19
39	Evaluation of whether intracameral dexamethasone predisposes to glaucoma after pediatric cataract surgery. Journal of Cataract and Refractive Surgery, 2012, 38, 1719-1723.	1.5	19
40	An update of ophthalmic management in craniosynostosis. Journal of AAPOS, 2019, 23, 66-76.	0.3	19
41	The non-invasive tear film break-up time in normal children. British Journal of Ophthalmology, 2013, 97, 1129-1133.	3.9	17
42	Functional Analysis ofFOXE3Mutations Causing Dominant and Recessive Ocular Anterior Segment Disease. Human Mutation, 2015, 36, 296-300.	2.5	17
43	Use of neuroimaging measurements of optic nerve sheath diameter to assess intracranial pressure in craniosynostosis. Child's Nervous System, 2018, 34, 939-946.	1.1	17
44	Lamellar keratoplasty in children. Survey of Ophthalmology, 2020, 65, 675-690.	4.0	17
45	Visual Surveillance in Craniosynostoses. American Orthoptic Journal, 2014, 64, 24-31.	0.3	16
46	Managing a child with an external ocular disease. Journal of AAPOS, 2010, 14, 68-77.	0.3	15
47	Paediatric keratoplasty: choices and conundrums: TableÂ1. British Journal of Ophthalmology, 2013, 97, 1225-1227.	3.9	15
48	Management of Descemet Membrane Detachment After Forceps Birth Injury. Cornea, 2017, 36, 375-376.	1.7	15
49	Surgical Treatment of Periocular Hemangiomas: A Single-Center Experience. Plastic and Reconstructive Surgery, 2007, 119, 1553-1562.	1.4	14
50	Defining Success in Infant Penetrating Keratoplasty for Developmental Corneal Opacities. American Orthoptic Journal, 2014, 64, 81-88.	0.3	14
51	A Treatment Algorithm for Patients Presenting with Sagittal Craniosynostosis after the Age of 1 Year. Plastic and Reconstructive Surgery, 2017, 140, 582-590.	1.4	14
52	Pediatric Glaucoma: Pharmacotherapeutic Options. Paediatric Drugs, 2016, 18, 209-219.	3.1	13
53	Sympathetic ophthalmia presenting 5 days after penetrating injury. American Journal of Ophthalmology Case Reports, 2020, 19, 100816.	0.7	13
54	Coenzyme Q10 in the Treatment of Corneal Edema in Kearns-Sayre. Cornea, 2016, 35, 1250-1254.	1.7	12

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55	A sustained release cysteamine microsphere/thermoresponsive gel eyedrop for corneal cystinosis improves drug stability. Drug Delivery and Translational Research, 2021, 11, 2224-2238.	5.8	11
56	Lamellar Macular Hole as the Presenting Feature in a Child With Coats' Disease. Journal of Pediatric Ophthalmology and Strabismus, 2005, 42, 378-379.	0.7	11
57	Development of Corneal Sensation With Remodeling of the Epithelium and the Palisades of Vogt After Corneal Neurotization. Cornea, 2020, 39, 657-660.	1.7	10
58	Simulation of oculomotility in craniosynostosis patients. Strabismus, 2003, 11, 239-242.	0.7	9
59	Do reducing regimens of fluorometholone for paediatric ocular surface disease cause glaucoma?. British Journal of Ophthalmology, 2011, 95, 1531-1533.	3.9	9
60	High-frequency ultrasound-guided transscleral diode laser cyclophotocoagulation. British Journal of Ophthalmology, 2014, 98, 992-994.	3.9	9
61	Cataract surgery in children with congenital keratolenticular adhesion (Peters anomaly type 2). Journal of AAPOS, 2015, 19, 24-28.	0.3	9
62	The Frequency of Signs of Meibomian Gland Dysfunction in Children with Epidermolysis Bullosa. Ophthalmology, 2016, 123, 991-999.	5.2	9
63	Paediatric IOL implantation and postoperative refractive state: what role do study methodology and surgical technique play?. British Journal of Ophthalmology, 2010, 94, 529-531.	3.9	8
64	Serial, Visually-Evoked Potentials for the Assessment of Visual Function in Patients with Craniosynostosis. Journal of Clinical Medicine, 2019, 8, 1555.	2.4	8
65	Neuroimaging of retinal hemorrhage utilizing adjunct orbital susceptibility-weighted imaging. Pediatric Radiology, 2021, 51, 991-996.	2.0	8
66	Preoperative assessment of secondary intraocular lens implantation for aphakia: A comparison of 2 techniques. Journal of Cataract and Refractive Surgery, 2005, 31, 1351-1356.	1.5	7
67	Refractive and Ocular Motility Findings in Children with Epidermolysis Bullosa. American Orthoptic Journal, 2009, 59, 76-83.	0.3	7
68	Ocular Treatment of Children With Stuveâ€“Wiedemann Syndrome. Cornea, 2012, 31, 269-272.	1.7	7
69	RASopathy in Patients With Isolated Sagittal Synostosis. Global Pediatric Health, 2019, 6, 2333794X1984677.	0.7	7
70	Isolated Sagittal Synostosis in a Boy with Craniofrontonasal Dysplasia and a Novel EFNB1 Mutation. Plastic and Reconstructive Surgery - Global Open, 2015, 3, e427.	0.6	6
71	Clinical and imaging characteristics of posterior column ataxia with retinitis pigmentosa with a specific FLVCR1 mutation. Ophthalmic Genetics, 2018, 39, 735-740.	1.2	6
72	Serial Visual Evoked Potentials in Patients with Craniosynostosis and Invasive Intracranial Pressure Monitoring. Plastic and Reconstructive Surgery, 2019, 144, 446e-452e.	1.4	6

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73	Pediatric corneal collagen cross-linking for keratoconus: not an experimental procedure. Journal of AAPOS, 2019, 23, 63-65.	0.3	6
74	Full or partial hypermetropic correction for accommodative esotropia: does it matter?. British Journal of Ophthalmology, 2008, 92, 1303-1303.	3.9	5
75	Genetics and Ocular Disorders. Pediatric Clinics of North America, 2014, 61, 555-565.	1.8	5
76	Iris anomalies and the incidence ofACTA2mutation. British Journal of Ophthalmology, 2019, 103, 499-503.	3.9	5
77	Somatic <scp>KRAS</scp> mutation affecting codon 146 in linear sebaceous nevus syndrome. American Journal of Medical Genetics, Part A, 2021, 185, 3825-3830.	1.2	5
78	Ocular Phenotype of Peters-Plus Syndrome. Cornea, 2022, 41, 219-223.	1.7	5
79	Case series: Pyramidal cataracts, intact irides and nystagmus from three novel PAX6 mutations. American Journal of Ophthalmology Case Reports, 2018, 10, 172-179.	0.7	4
80	Occipital Petalia and Albinism: A Study of Interhemispheric VEP Asymmetries in Albinism with No Nystagmus. Journal of Clinical Medicine, 2019, 8, 802.	2.4	4
81	Ocular findings of albinism in DYRK1A-related intellectual disability syndrome. Ophthalmic Genetics, 2020, 41, 650-655.	1.2	4
82	Consecutive exotropia: does one size fit all?. British Journal of Ophthalmology, 2009, 93, 706-707.	3.9	3
83	Discussion. Plastic and Reconstructive Surgery, 2012, 130, 452e-454e.	1.4	3
84	Improved visual function with dietary intervention in a child with lipemia retinalis. Journal of AAPOS, 2014, 18, 488-490.	0.3	3
85	Personalized pediatric ophthalmology: a case report. Journal of AAPOS, 2019, 23, 234-236.	0.3	3
86	Banded technique for pediatric traumatic cataract surgery. Journal of Cataract and Refractive Surgery, 2019, 45, 8-10.	1.5	3
87	A comparison of the Grass strobe and new LED photic stimulator for paediatric electroretinogram recordings. Documenta Ophthalmologica, 2021, 142, 185-193.	2.2	3
88	NYX-related Congenital Stationary Night Blindness in Two Siblings due to Probable Maternal Germline Mosaicism. Ophthalmic Genetics, 2021, 42, 588-592.	1.2	3
89	The Palisades of Vogt in Congenital Corneal Opacification (An American Ophthalmological Society) Tj ETQq1 1 0.784314 rgBT /Overlo	1.4	3
90	Congenital primary aphakia. Journal of AAPOS, 2022, 26, 4.e1-4.e5.	0.3	3

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91	Macular atrophy in JAG1-related Alagille syndrome: a case series. Ophthalmic Genetics, 2021, , 1-5.	1.2	3
92	The eye in metabolic disease. British Journal of Hospital Medicine, 2003, 64, 609-612.	0.2	2
93	Technique for identifying Schlemm's canal in paediatric glaucoma surgery. British Journal of Ophthalmology, 2015, 99, 715-716.	3.9	2
94	Bilateral Cavernous Sinus Thrombosis in a Patient with Tacrolimus-Associated Posttransplant Thrombotic Microangiopathy. European Journal of Ophthalmology, 2017, 27, 22-24.	1.3	2
95	Syndromic and Systemic Diagnoses Associated With Isolated Sagittal Synostosis. Plastic and Reconstructive Surgery - Global Open, 2019, 7, e2540.	0.6	2
96	Intraocular lens implantation in children with cataract. The Lancet Child and Adolescent Health, 2019, 3, e6-e7.	5.6	2
97	The Value of Visual Evoked Potentials in the Evaluation of Periorbital Hemangiomas. American Journal of Ophthalmology, 2005, 140, 314-316.	3.3	1
98	Maternal drug abuse and ocular morbidity: more than meets the eye?. British Journal of Ophthalmology, 2010, 94, 671-671.	3.9	1
99	Induced Tropia Test and Visual Acuity Testing in Nonverbal Children. Journal of Binocular Vision and Ocular Motility, 2018, 68, 134-136.	0.5	1
100	Clinical spectrum of non-syndromic microphthalmos, anophthalmos and coloboma in the paediatric population: a multicentric study from North India. British Journal of Ophthalmology, 2020, 105, bjophthalmol-2020-316910.	3.9	1
101	Choroidal Deposits in a Patient With Mucopolysaccharidoses Type 1. JAMA Ophthalmology, 2020, 138, e194435.	2.5	1
102	Integrated Intraoperative Optical Coherence Tomography in Pediatric Glaucoma Surgery. Developments in Ophthalmology, 2021, 61, 40-45.	0.1	1
103	Novel clinical presentation of a CRX rod-cone dystrophy. BMJ Case Reports, 2021, 14, e233711.	0.5	1
104	Safety of apraclonidine eye drops in diagnosis of Horner syndrome in an outpatient pediatric ophthalmology clinic. Journal of AAPOS, 2021, 25, 336.e1-336.e4.	0.3	1
105	Recent Advances in Pediatric Endothelial Keratoplasty. International Ophthalmology Clinics, 2021, 61, 57-75.	0.7	1
106	<scp>ADAMTSL4â€related</scp> ectopia lentis: A case of pseudodominance with an asymptomatic parent. American Journal of Medical Genetics, Part A, 2022, 188, 1853-1857.	1.2	1
107	Amblyopia: what does the future hold?. British Journal of Ophthalmology, 2009, 93, 1271-1272.	3.9	0
108	Managing blepharokeratoconjunctivitis in children: a review. Expert Review of Ophthalmology, 2013, 8, 485-499.	0.6	0

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109	Reply. Cornea, 2016, 35, e40-e41.	1.7	0
110	Overarching Concepts and Mechanisms Affecting Phenotypes of Ocular Genetic Conditions. Current Genetic Medicine Reports, 2017, 5, 175-182.	1.9	0
111	Early Onset Sixth-Nerve Palsy with Eccentric Fixation. American Orthoptic Journal, 2017, 67, 72-79.	0.3	0
112	Early Onset Sixth-Nerve Palsy with Eccentric Fixation. American Orthoptic Journal, 2017, 67, 72-79.	0.3	0
113	Reply. Journal of AAPOS, 2020, 24, 60-61.	0.3	0
114	Expansion of the ophthalmic phenotype of SPINT2 â€related syndromic congenital sodium diarrhea. American Journal of Medical Genetics, Part A, 2021, 185, 1270-1274.	1.2	0
115	Transcriptome from opaque cornea of Fanconi anemia patient uncovers fibrosis and two connected players. Molecular Genetics and Metabolism Reports, 2021, 26, 100712.	1.1	0
116	Keratoconus in a child with partial trisomy 13. Ophthalmic Genetics, 2021, 42, 360-363.	1.2	0
117	DOES THE APHAKIC EYE CONTRIBUTE TO THE VISUAL FIELD WITH BOTH EYES OPEN?. Ophthalmology, 2021, , .	5.2	0
118	Use of Integrated Intraoperative Ocular Coherence Tomography in Pediatric Cataract Surgery: Thinking outside the Box. Developments in Ophthalmology, 2021, 61, 45-51.	0.1	0
119	Recent Advances in Pediatric Ophthalmology. , 2020, , 251-274.		0
120	Grand rounds #65: a case of a left hypertropia which decreases markedly in both upgaze and downgaze. Binocular Vision & Strabismus Quarterly, 2002, 17, 36-42.	0.0	0