

Jochen Graw

List of Publications by Year in descending order

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159
papers

7,995
citations

61984

43
h-index

58581

82
g-index

166
all docs

166
docs citations

166
times ranked

9689
citing authors

#	ARTICLE	IF	CITATIONS
1	Germ-line mutations in p27 ^{Kip1} cause a multiple endocrine neoplasia syndrome in rats and humans. Proceedings of the National Academy of Sciences of the United States of America, 2006, 103, 15558-15563.	7.1	570
2	A Humanized Version of Foxp2 Affects Cortico-Basal Ganglia Circuits in Mice. Cell, 2009, 137, 961-971.	28.9	555
3	A comparative phenotypic and genomic analysis of C57BL/6J and C57BL/6N mouse strains. Genome Biology, 2013, 14, R82.	9.6	403
4	Rapamycin extends murine lifespan but has limited effects on aging. Journal of Clinical Investigation, 2013, 123, 3272-3291.	8.2	333
5	Early developmental failure of substantia nigra dopamine neurons in mice lacking the homeodomain gene Pitx3. Development (Cambridge), 2004, 131, 1145-1155.	2.5	306
6	Genetics of crystallins: Cataract and beyond. Experimental Eye Research, 2009, 88, 173-189.	2.6	258
7	Eye Development. Current Topics in Developmental Biology, 2010, 90, 343-386.	2.2	211
8	The genetic and molecular basis of congenital eye defects. Nature Reviews Genetics, 2003, 4, 876-888.	16.3	197
9	Introducing the German Mouse Clinic: open access platform for standardized phenotyping. Nature Methods, 2005, 2, 403-404.	19.0	176
10	Molecular dissection of Pax6 function: the specific roles of the paired domain and homeodomain in brain development. Development (Cambridge), 2004, 131, 6131-6140.	2.5	168
11	Haemophilia A: from mutation analysis to new therapies. Nature Reviews Genetics, 2005, 6, 488-501.	16.3	156
12	Altered aggregation properties of mutant β^3 -crystallins cause inherited cataract. EMBO Journal, 2002, 21, 6005-6014.	7.8	147
13	Analysis of mammalian gene function through broad-based phenotypic screens across a consortium of mouse clinics. Nature Genetics, 2015, 47, 969-978.	21.4	137
14	Congenital hereditary cataracts. International Journal of Developmental Biology, 2004, 48, 1031-1044.	0.6	133
15	Mouse phenotyping. Methods, 2011, 53, 120-135.	3.8	128
16	Genetic aspects of embryonic eye development in vertebrates. Genesis, 1996, 18, 181-197.	2.1	121
17	Ionizing radiation induced cataracts: Recent biological and mechanistic developments and perspectives for future research. Mutation Research - Reviews in Mutation Research, 2016, 770, 238-261.	5.5	105
18	Permanent Neonatal Diabetes in <i>INS</i> C94Y Transgenic Pigs. Diabetes, 2013, 62, 1505-1511.	0.6	99

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19	Nuclear breakdown during terminal differentiation of primary lens fibres in mice: A transmission electron microscopic study. <i>Experimental Eye Research</i> , 1991, 52, 647-659.	2.6	91
20	Requirement of the RNA-editing Enzyme ADAR2 for Normal Physiology in Mice. <i>Journal of Biological Chemistry</i> , 2011, 286, 18614-18622.	3.4	91
21	Clinical and experimental advances in congenital and paediatric cataracts. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2011, 366, 1234-1249.	4.0	90
22	Recessive transmission of a multiple endocrine neoplasia syndrome in the rat. <i>Cancer Research</i> , 2002, 62, 3048-51.	0.9	89
23	CRYBA4, a Novel Human Cataract Gene, Is Also Involved in Microphthalmia. <i>American Journal of Human Genetics</i> , 2006, 79, 702-709.	6.2	87
24	Every-other-day feeding extends lifespan but fails to delay many symptoms of aging in mice. <i>Nature Communications</i> , 2017, 8, 155.	12.8	87
25	Mutually regulated expression of <i>Pax6</i> and <i>Six3</i> and its implications for the <i>Pax6</i> haploinsufficient lens phenotype. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2002, 99, 8719-8724.	7.1	86
26	Mouse mutants as models for congenital retinal disorders. <i>Experimental Eye Research</i> , 2005, 81, 503-512.	2.6	80
27	Cataract mutations and lens development1Dedicated to Prof. Udo H. Ehling on the occasion of his 70th birthday.1. <i>Progress in Retinal and Eye Research</i> , 1999, 18, 235-267.	15.5	79
28	Mouse models of cataract. <i>Journal of Genetics</i> , 2009, 88, 469-486.	0.7	79
29	Three Murine Cataract Mutants (Cat2) Are Defective in Different β -Crystallin Genes. <i>Genomics</i> , 1998, 52, 152-158.	2.9	77
30	Systemic First-Line Phenotyping. <i>Methods in Molecular Biology</i> , 2009, 530, 463-509.	0.9	70
31	Mutation in the β A3/A1-Crystallin Encoding Gene <i>Cryba1</i> Causes a Dominant Cataract in the Mouse. <i>Genomics</i> , 1999, 62, 67-73.	2.9	67
32	Congenital cataract and macular hypoplasia in humans associated with a de novo mutation in <i>CRYAA</i> and compound heterozygous mutations in <i>P. Graefe's Archive for Clinical and Experimental Ophthalmology</i> , 2006, 244, 912-919.	1.9	65
33	Cytochrome <i>c</i> oxidase subunit 4 isoform α knockout mice show reduced enzyme activity, airway hyporeactivity, and lung pathology. <i>FASEB Journal</i> , 2012, 26, 3916-3930.	0.5	62
34	Identification of a novel, putative cataract-causing allele in <i>CRYAA</i> (G98R) in an Indian family. <i>Molecular Vision</i> , 2006, 12, 768-73.	1.1	61
35	Mutation Analysis of Congenital Cataracts in Indian Families: Identification of SNPs and a New Causative Allele in <i>CRYBB2</i> Gene. , 2004, 45, 3599.		59
36	Variations of eye size parameters among different strains of mice. <i>Mammalian Genome</i> , 2006, 17, 851-857.	2.2	59

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37	Large-Scale Phenotyping of an Accurate Genetic Mouse Model of JNCL Identifies Novel Early Pathology Outside the Central Nervous System. <i>PLoS ONE</i> , 2012, 7, e38310.	2.5	56
38	Peroxidasin is essential for eye development in the mouse. <i>Human Molecular Genetics</i> , 2014, 23, 5597-5614.	2.9	55
39	Characterization of a Mutation in the Lens-specific MP70 Encoding Gene of the Mouse Leading to a Dominant Cataract. <i>Experimental Eye Research</i> , 2001, 73, 867-876.	2.6	52
40	Electroretinography as a Screening Method for Mutations Causing Retinal Dysfunction in Mice. , 2004, 45, 601.		51
41	Betacellulin Overexpression in Transgenic Mice Causes Disproportionate Growth, Pulmonary Hemorrhage Syndrome, and Complex Eye Pathology. <i>Endocrinology</i> , 2005, 146, 5237-5246.	2.8	51
42	Isolation and Embryonic Expression of the Novel Mouse Gene <i>Hic1</i> , the Homologue of <i>HIC1</i> , a Candidate Gene for the Miller-Dieker Syndrome. <i>Human Molecular Genetics</i> , 1999, 8, 697-710.	2.9	50
43	Developmental genetics in ophthalmology. <i>Ophthalmic Genetics</i> , 2003, 24, 1-33.	1.2	50
44	Laboratory mouse housing conditions can be improved using common environmental enrichment without compromising data. <i>PLoS Biology</i> , 2018, 16, e2005019.	5.6	48
45	Visualizing corticotropin-releasing hormone receptor type 1 expression and neuronal connectivities in the mouse using a novel multifunctional allele. <i>Journal of Comparative Neurology</i> , 2012, 520, 3150-3180.	1.6	46
46	Neutralizing IL-17 protects the optic nerve from autoimmune pathology and prevents retinal nerve fiber layer atrophy during experimental autoimmune encephalomyelitis. <i>Journal of Autoimmunity</i> , 2015, 56, 34-44.	6.5	46
47	Up-regulation of novel intermediate filament proteins in primary fiber cells: An indicator of all vertebrate lens fiber differentiation?. <i>The Anatomical Record</i> , 2000, 258, 25-33.	1.8	43
48	Mice with an induced mutation in collagen 8A2 develop larger eyes and are resistant to retinal ganglion cell damage in an experimental glaucoma model. <i>Molecular Vision</i> , 2012, 18, 1093-106.	1.1	43
49	Genetic and Allelic Heterogeneity of <i>Cryg</i> Mutations in Eight Distinct Forms of Dominant Cataract in the Mouse. , 2004, 45, 1202.		42
50	"Sighted C3H" mice - a tool for analysing the influence of vision on mouse behaviour?. <i>Frontiers in Bioscience - Landmark</i> , 2008, Volume, 5810.	3.0	41
51	Aphakia (<i>ak</i>), a mouse mutation affecting early eye development: Fine mapping, consideration of candidate genes and altered <i>Pax6</i> and <i>Six3</i> gene expression pattern. <i>Genesis</i> , 1998, 23, 299-316.	2.1	40
52	Levels of p27 Sensitize to Dual PI3K/mTOR Inhibition. <i>Molecular Cancer Therapeutics</i> , 2011, 10, 1450-1459.	4.1	40
53	Innovations in phenotyping of mouse models in the German Mouse Clinic. <i>Mammalian Genome</i> , 2012, 23, 611-622.	2.2	40
54	Three Novel <i>Pax6</i> Alleles in the Mouse Leading to the Same Small-Eye Phenotype Caused by Different Consequences at Target Promoters. , 2005, 46, 4671.		38

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55	Functional compensation among HMGN variants modulates the DNase I hypersensitive sites at enhancers. <i>Genome Research</i> , 2015, 25, 1295-1308.	5.5	38
56	Cancer-associated retina antigens as potential paraneoplastic antigens in melanoma-associated retinopathy. <i>International Journal of Cancer</i> , 2009, 124, 140-149.	5.1	37
57	Microphthalmia, parkinsonism, and enhanced nociception in Pitx3 416insG mice. <i>Mammalian Genome</i> , 2010, 21, 13-27.	2.2	36
58	Pleiotropic effects in Eya3 knockout mice. <i>BMC Developmental Biology</i> , 2008, 8, 118.	2.1	35
59	Molecular analysis of cataract families in India: new mutations in the CRYBB2 and GJA3 genes and rare polymorphisms. <i>Molecular Vision</i> , 2010, 16, 1837-47.	1.1	35
60	Mapping of a novel MEN-like syndrome locus to rat Chromosome 4. <i>Mammalian Genome</i> , 2004, 15, 135-141.	2.2	32
61	Meis1 coordinates a network of genes implicated in eye development and microphthalmia. <i>Development (Cambridge)</i> , 2015, 142, 3009-20.	2.5	32
62	Genetical and biochemical studies of a dominant cataract mutant in mice. <i>Experimental Eye Research</i> , 1984, 39, 37-45.	2.6	31
63	Dominant cataract and recessive specific locus mutations in offspring of X-irradiated male mice. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , 1986, 159, 47-54.	1.0	31
64	Î±-Crystallins are involved in specific interactions with the murine Î³D/E/F-crystallin-encoding gene. <i>Gene</i> , 1994, 144, 171-178.	2.2	31
65	Reduced Corneal Thickness and Enlarged Anterior Chamber in a Novel ColVlla2G257DMutant Mouse. , 2009, 50, 5653.		31
66	Novel Allele of Crybb2 in the Mouse and Its Expression in the Brain. , 2008, 49, 1533.		30
67	Lifetime study in mice after acute low-dose ionizing radiation: a multifactorial study with special focus on cataract risk. <i>Radiation and Environmental Biophysics</i> , 2018, 57, 99-113.	1.4	30
68	A novel GJA8 mutation causing a recessive triangular cataract. <i>Molecular Vision</i> , 2008, 14, 851-6.	1.1	30
69	Mouse models of congenital cataract. <i>Eye</i> , 1999, 13, 438-444.	2.1	28
70	Agonistic and Antagonistic Action of AP2, Msx2, Pax6, Prox1 and Six3 in the Regulation of <i>Sox2</i> Expression. <i>Ophthalmic Research</i> , 2005, 37, 301-309.	1.9	27
71	Variation of the response to the optokinetic drum among various strains of mice. <i>Frontiers in Bioscience - Landmark</i> , 2008, Volume, 6269.	3.0	27
72	Pitx3 directly regulates Foxe3 during early lens development. <i>International Journal of Developmental Biology</i> , 2013, 57, 741-751.	0.6	27

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73	Lack of F8 mRNA: a novel mechanism leading to hemophilia A. <i>Blood</i> , 2006, 107, 2759-2765.	1.4	26
74	Longitudinal fundus and retinal studies with SD-OCT: a comparison of five mouse inbred strains. <i>Mammalian Genome</i> , 2013, 24, 198-205.	2.2	26
75	Imbalances in the eye lens proteome are linked to cataract formation. <i>Nature Structural and Molecular Biology</i> , 2021, 28, 143-151.	8.2	26
76	Mutation analysis in a German family identified a new cataract-causing allele in the CRYBB2 gene. <i>Molecular Vision</i> , 2007, 13, 962-7.	1.1	26
77	Visual capabilities and cortical maps in BALB/c mice. <i>European Journal of Neuroscience</i> , 2012, 36, 2801-2811.	2.6	25
78	Histological and biochemical characterization of the murine cataract mutant Nop. <i>Experimental Eye Research</i> , 1990, 50, 449-456.	2.6	24
79	Mutation in a Novel Connexin-like Gene (<i>Gjfl1</i>) in the Mouse Affects Early Lens Development and Causes a Variable Small-Eye Phenotype. , 2008, 49, 1525.		24
80	New Mutation in the Mouse <i>Xpd/Ercc2</i> Gene Leads to Recessive Cataracts. <i>PLoS ONE</i> , 2015, 10, e0125304.	2.5	24
81	V76D mutation in a conserved gD-crystallin region leads to dominant cataracts in mice. <i>Mammalian Genome</i> , 2002, 13, 452-455.	2.2	23
82	The KORA Eye Study: A Population-Based Study on Eye Diseases in Southern Germany (KORA F4). , 2011, 52, 7778.		22
83	Are mouse lens epithelial cells more sensitive to $\hat{1}^3$ -irradiation than lymphocytes?. <i>Radiation and Environmental Biophysics</i> , 2013, 52, 279-286.	1.4	22
84	A comprehensive and comparative phenotypic analysis of the collaborative founder strains identifies new and known phenotypes. <i>Mammalian Genome</i> , 2020, 31, 30-48.	2.2	22
85	Reduced levels of $\hat{1}^3$ -crystallin transcripts during embryonic development of murine <i>Cat2 nop</i> mutant lenses. <i>Graefe's Archive for Clinical and Experimental Ophthalmology</i> , 1995, 233, 795-800.	1.9	21
86	Relative roles of the different Pax6 domains for pancreatic alpha cell development. <i>BMC Developmental Biology</i> , 2010, 10, 39.	2.1	21
87	A novel human CRYGD mutation in a juvenile autosomal dominant cataract. <i>Molecular Vision</i> , 2010, 16, 887-96.	1.1	21
88	Murine $\hat{1}^3$ E-crystallin is distinct from murine $\hat{1}^3$ 2-crystallin. <i>Gene</i> , 1991, 104, 265-270.	2.2	20
89	<i>Crybb2</i> coding for $\hat{1}^2$ B2-crystallin affects sensorimotor gating and hippocampal function. <i>Mammalian Genome</i> , 2013, 24, 333-348.	2.2	20
90	Mouse Mutants for Eye Development. <i>Results and Problems in Cell Differentiation</i> , 2000, 31, 219-256.	0.7	20

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91	Characterization of Scat (suture cataract), a dominant cataract mutation in mice. <i>Experimental Eye Research</i> , 1989, 49, 469-477.	2.6	19
92	Regulation of the Human SIX3 Gene Promoter. <i>Biochemical and Biophysical Research Communications</i> , 2001, 287, 372-376.	2.1	19
93	First Mutation in the β A2-crystallin Encoding Gene is Associated with Small Lenses and Age-Related Cataracts. , 2011, 52, 2571.		19
94	From eyeless to neurological diseases. <i>Experimental Eye Research</i> , 2017, 156, 5-9.	2.6	19
95	A 6-bp deletion in the <i>Crygc</i> gene leading to a nuclear and radial cataract in the mouse. <i>Investigative Ophthalmology and Visual Science</i> , 2002, 43, 236-40.	3.3	18
96	Common eye diseases in older adults of southern Germany: results from the KORA-Age study. <i>Age and Ageing</i> , 2017, 46, 481-486.	1.6	17
97	Mouse models for microphthalmia, anophthalmia and cataracts. <i>Human Genetics</i> , 2019, 138, 1007-1018.	3.8	17
98	A mouse model for intellectual disability caused by mutations in the X-linked 2â€™â€™methyltransferase <i>Ftsj1</i> gene. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2019, 1865, 2083-2093.	3.8	17
99	Close Linkage of the Dominant Cataract Mutations (Cat-2) with <i>Idh-1</i> and <i>Cryge</i> on Mouse Chromosome 1. <i>Genomics</i> , 1994, 23, 240-242.	2.9	16
100	Pleiotropic Functions for Transcription Factor <i>Zscan10</i> . <i>PLoS ONE</i> , 2014, 9, e104568.	2.5	16
101	Peroxidasin contributes to lung host defense by direct binding and killing of gram-negative bacteria. <i>PLoS Pathogens</i> , 2018, 14, e1007026.	4.7	16
102	CREB Signaling Mediates Dose-Dependent Radiation Response in the Murine Hippocampus Two Years after Total Body Exposure. <i>Journal of Proteome Research</i> , 2020, 19, 337-345.	3.7	16
103	Genomic sequences of murine β - and γ -crystallin-encoding genes: promoter analysis and complete evolutionary pattern of mouse, rat and human γ -crystallins. <i>Gene</i> , 1993, 136, 145-156.	2.2	15
104	EthylNitrosourea-Induced Mutation in Mice Leads to the Expression of a Novel Protein in the Eye and to Dominant Cataracts. <i>Genetics</i> , 2001, 157, 1313-1320.	2.9	15
105	Catalase and superoxide dismutase activities in lenses of cataractous NOP-mice. <i>Experimental Eye Research</i> , 1985, 41, 577-579.	2.6	14
106	A New <i>Fgf10</i> Mutation in the Mouse Leads to Atrophy of the Harderian Gland and Slit-Eye Phenotype in Heterozygotes: A Novel Model for Dry-Eye Disease?. , 2009, 50, 4311.		14
107	Lens density tracking in mice by Scheimpflug imaging. <i>Mammalian Genome</i> , 2013, 24, 295-302.	2.2	14
108	Dose-dependent long-term effects of a single radiation event on behaviour and glial cells. <i>International Journal of Radiation Biology</i> , 2021, 97, 156-169.	1.8	14

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109	Crybb2 Mutations Consistently Affect Schizophrenia Endophenotypes in Mice. <i>Molecular Neurobiology</i> , 2019, 56, 4215-4230.	4.0	13
110	Spectral domain - Optical coherence tomography (SD-OCT) as a monitoring tool for alterations in mouse lenses. <i>Experimental Eye Research</i> , 2020, 190, 107871.	2.6	13
111	Mutation in Intron 6 of the Hamster <i>Mitf</i> Gene Leads to Skipping of the Subsequent Exon and Creates a Novel Animal Model for the Human Waardenburg Syndrome Type II. <i>Genetics</i> , 2003, 164, 1035-1041.	2.9	13
112	An In Vivo Doxycycline-Controlled Expression System for Functional Studies of the Retina. , 2003, 44, 755.		12
113	EthylNitrosourea-Induced Base Pair Substitution Affects Splicing of the Mouse β -Crystallin Encoding Gene Leading to the Expression of a Hybrid Protein and to a Cataract. <i>Genetics</i> , 2002, 161, 1633-1640.	2.9	12
114	Cataract Mutations as a Tool for Developmental Geneticists. <i>Ophthalmic Research</i> , 1996, 28, 8-18.	1.9	11
115	Effects of UV-B Radiation on a Hereditary Suture Cataract in Mice. <i>Experimental Eye Research</i> , 1997, 64, 405-411.	2.6	11
116	Further Genetic Heterogeneity for Autosomal Dominant Human Sutural Cataracts. <i>Ophthalmic Research</i> , 2003, 35, 71-77.	1.9	11
117	On the use of Tono-Pen XL for the measurement of intraocular pressure in mice. <i>Experimental Eye Research</i> , 2005, 80, 295-296.	2.6	11
118	Fgf9 Y162C Mutation Alters Information Processing and Social Memory in Mice. <i>Molecular Neurobiology</i> , 2018, 55, 4580-4595.	4.0	11
119	Mutation in <i>Bmpr1b</i> Leads to Optic Disc Coloboma and Ventral Retinal Gliosis in Mice. , 2020, 61, 44.		11
120	The GJA8 allele encoding CX50I247M is a rare polymorphism, not a cataract-causing mutation. <i>Molecular Vision</i> , 2009, 15, 1881-5.	1.1	11
121	Osmotic state of lenses in three dominant murine cataract mutants. <i>Graefe's Archive for Clinical and Experimental Ophthalmology</i> , 1990, 228, 252-254.	1.9	10
122	Application of WES towards Molecular Investigation of Congenital Cataracts: Identification of Novel Alleles and Genes in a Hospital-Based Cohort of South India. <i>International Journal of Molecular Sciences</i> , 2020, 21, 9569.	4.1	10
123	Oxidative Stress and Inherited Cataracts in Mice. <i>Ophthalmic Research</i> , 1989, 21, 414-419.	1.9	9
124	The Pathologic Effect of a Novel Neomorphic Fgf9Y162C Allele Is Restricted to Decreased Vision and Retarded Lens Growth. <i>PLoS ONE</i> , 2011, 6, e23678.	2.5	9
125	The First Scube3 Mutant Mouse Line with Pleiotropic Phenotypic Alterations. <i>G3: Genes, Genomes, Genetics</i> , 2016, 6, 4035-4046.	1.8	9
126	Altered Na,K-ATPase pattern in gamma-crystallin mutant mice. <i>Investigative Ophthalmology and Visual Science</i> , 2002, 43, 1517-9.	3.3	9

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127	Characterization of ex vivo cultured neuronal- and glial- like cells from human idiopathic epiretinal membranes. BMC Ophthalmology, 2014, 14, 165.	1.4	8
128	Crygf(Rop): the first mutation in the Crygf gene causing a unique radial lens opacity. Investigative Ophthalmology and Visual Science, 2002, 43, 2998-3002.	3.3	8
129	Purification and characterization of a gamma crystallin from mouse lenses. Current Eye Research, 1984, 3, 723-728.	1.5	7
130	DNase activity in murine lenses: Implications for cataractogenesis. Graefe's Archive for Clinical and Experimental Ophthalmology, 1993, 231, 354-358.	1.9	7
131	Allelic loss of chromosomes 8 and 19 in MENX-associated rat pheochromocytoma. International Journal of Cancer, 2010, 126, 2362-2372.	5.1	7
132	Crybb2 associates with Tmsb4X and is crucial for dendrite morphogenesis. Biochemical and Biophysical Research Communications, 2018, 503, 123-130.	2.1	7
133	Microphakia and congenital cataract formation in a novel Lim2(C51R) mutant mouse. Molecular Vision, 2011, 17, 1164-71.	1.1	7
134	On the Nature of Murine Radiation-Induced Subcapsular Cataracts: Optical Coherence Tomography-Based Fine Classification, In Vivo Dynamics and Impact on Visual Acuity. Radiation Research, 2021, 197, .	1.5	7
135	The Cryner Element in the Murine β 3-Crystallin Promoters Interacts with Lens Proteins. Ophthalmic Research, 1997, 29, 161-171.	1.9	6
136	Standardized, systemic phenotypic analysis of Slc12a1 I299F mutant mice. Journal of Biomedical Science, 2014, 21, 68.	7.0	6
137	Novel small-eye allele in paired box gene 6 (Pax6) is caused by a point mutation in intron 7 and creates a new exon. Molecular Vision, 2013, 19, 877-84.	1.1	6
138	Posterior subcapsular cataracts are a late effect after acute exposure to 0.5% Gy ionizing radiation in mice. International Journal of Radiation Biology, 2021, 97, 529-540.	1.8	5
139	Mutation in the mouse histone gene Hist2h3c1 leads to degeneration of the lens vesicle and severe microphthalmia. Experimental Eye Research, 2019, 188, 107632.	2.6	4
140	Sequence analysis of the β 2-crystallin cDNA of hamster containing a domain conserved among vertebrates. Gene, 1996, 174, 181-184.	2.2	3
141	A new cat reporter gene vector designed for rapid and efficient cloning of PCR products. Gene, 1996, 177, 99-102.	2.2	3
142	Detection of a point mutation (A to G) in exon 5 of the murine Mgf gene defines a novel allele at the Steel locus with a weak phenotype. Mutation Research - Mutation Research Genomics, 1997, 382, 75-78.	1.1	3
143	A novel CRYGC E128* mutation underlying an autosomal dominant nuclear cataract in a south Indian kindred. Ophthalmic Genetics, 2020, 41, 556-562.	1.2	3
144	Polymorphisms in CRYBB2 encoding β 2-crystallin are associated with antisaccade performance and memory function. Translational Psychiatry, 2020, 10, 113.	4.8	3

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145	Ionising radiation causes vision impairment in neonatal B6C3F1 mice. <i>Experimental Eye Research</i> , 2021, 204, 108432.	2.6	3
146	<i>Eye Disorders.</i> , 0, , 283-309.		2
147	<i>Mouse Genetics and Metabolic Mouse Phenotyping.</i> , 2012, , 85-106.		1
148	Complex Long-term Effects of Radiation on Adult Mouse Behavior. <i>Radiation Research</i> , 2021, 197, .	1.5	1
149	Der Januskopf der genetischen Diagnostik. <i>BioSpektrum</i> , 2011, 17, 727-727.	0.0	0
150	Genetic models for cataracts. <i>Drug Discovery Today: Disease Models</i> , 2013, 10, e189-e194.	1.2	0
151	Ausrottung der Anopheles-MÃ¼cken durch CRISPR-Cas9?. <i>BioSpektrum</i> , 2018, 24, 712-716.	0.0	0
152	<i>Genetik menschlicher Erkrankungen.</i> , 2015, , 595-666.		0
153	<i>Formalgenetik.</i> , 2015, , 459-523.		0
154	<i>Genetik und Anthropologie.</i> , 2015, , 737-790.		0
155	<i>Entwicklungsgenetik.</i> , 2015, , 525-594.		0
156	<i>Genetik menschlicher Erkrankungen.</i> , 2020, , 725-812.		0
157	<i>Formalgenetik.</i> , 2020, , 569-642.		0
158	<i>Genetik und Anthropologie.</i> , 2020, , 897-962.		0
159	<i>Entwicklungsgenetik.</i> , 2020, , 643-724.		0