Wolfgang Berger

List of Publications by Year
in descending order

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41 papers	1,889 citations	567281 15 h-index	330143 37 g-index
48 all docs	48 docs citations	48 times ranked	2788 citing authors

#	Article	IF	Citations
1	The molecular basis of human retinal and vitreoretinal diseases. Progress in Retinal and Eye Research, 2010, 29, 335-375.	15.5	485
2	Panel-based next generation sequencing as a reliable and efficient technique to detect mutations in unselected patients with retinal dystrophies. European Journal of Human Genetics, 2014, 22, 99-104.	2.8	229
3	Vascular Defects and Sensorineural Deafness in a Mouse Model of Norrie Disease. Journal of Neuroscience, 2002, 22, 4286-4292.	3.6	136
4	Role of the Norrie Disease Pseudoglioma Gene in Sprouting Angiogenesis during Development of the Retinal Vasculature. , 2005, 46, 3372.		129
5	Mutations in the candidate gene for Norrie disease. Human Molecular Genetics, 1992, 1, 461-465.	2.9	126
6	Post-mortem whole-exome analysis in a large sudden infant death syndrome cohort with a focus on cardiovascular and metabolic genetic diseases. European Journal of Human Genetics, 2017, 25, 404-409.	2.8	98
7	Ectopic Norrin Induces Growth of Ocular Capillaries and Restores Normal Retinal Angiogenesis in Norrie Disease Mutant Mice. Journal of Neuroscience, 2005, 25, 1701-1710.	3.6	88
8	Mutations inEXOSC2are associated with a novel syndrome characterised by retinitis pigmentosa, progressive hearing loss, premature ageing, short stature, mild intellectual disability and distinctive gestalt. Journal of Medical Genetics, 2016, 53, 419-425.	3.2	69
9	Next generation sequencing based identification of disease-associated mutations in Swiss patients with retinal dystrophies. Scientific Reports, 2016, 6, 28755.	3.3	62
10	Integrin-linked kinase controls retinal angiogenesis and is linked to Wnt signaling and exudative vitreoretinopathy. Nature Communications, 2019, 10, 5243.	12.8	54
11	Exome analysis in 34 sudden unexplained death (SUD) victims mainly identified variants in channelopathy-associated genes. International Journal of Legal Medicine, 2018, 132, 1057-1065.	2.2	38
12	Norrin stimulates cell proliferation in the superficial retinal vascular plexus and is pivotal for the recruitment of mural cells. Human Molecular Genetics, 2012, 21, 2619-2630.	2.9	36
13	Biallelic Mutations inCRB1Underlie Autosomal Recessive Familial Foveal Retinoschisis. , 2016, 57, 2637.		34
14	Arrhythmogenic right ventricular cardiomyopathy: implications of next-generation sequencing in appropriate diagnosis. Europace, 2017, 19, euw098.	1.7	31
15	Post-mortem whole-exome sequencing (WES) with a focus on cardiac disease-associated genes in five young sudden unexplained death (SUD) cases. International Journal of Legal Medicine, 2016, 130, 1011-1021.	2.2	26
16	Identification of Novel and Recurrent Disease-Causing Mutations in Retinal Dystrophies Using Whole Exome Sequencing (WES): Benefits and Limitations. PLoS ONE, 2016, 11, e0158692.	2.5	20
17	Genetic Analysis in a Swiss Cohort of Bilateral Congenital Cataract. JAMA Ophthalmology, 2021, 139, 691.	2.5	18
18	Effects of COMT genotype and tolcapone on lapses of sustained attention after sleep deprivation in healthy young men. Neuropsychopharmacology, 2018, 43, 1599-1607.	5.4	17

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19	Whole Exome Sequencing in Coloboma/Microphthalmia: Identification of Novel and Recurrent Variants in Seven Genes. Genes, 2021, 12, 65.	2.4	16
20	Homozygosity Mapping and Whole Exome Sequencing Reveal a Novel Homozygous COL18A1 Mutation Causing Knobloch Syndrome. PLoS ONE, 2014, 9, e112747.	2.5	15
21	Exome Sequencing in a Swiss Childhood Glaucoma Cohort Reveals CYP1B1 and FOXC1 Variants as Most Frequent Causes. Translational Vision Science and Technology, 2020, 9, 47.	2.2	15
22	C2orf71 Mutations as a Frequent Cause of Autosomal-Recessive Retinitis Pigmentosa: Clinical Analysis and Presentation of 8 Novel Mutations. , 2017, 58, 3840.		13
23	Genotypeâ€“phenotype spectrum in isolated and syndromic nanophthalmos. Acta Ophthalmologica, 2021, 99, e594-e607.	1.1	13
24	Impact of Genetic Variant Reassessment on the Diagnosis of Arrhythmogenic Right Ventricular Cardiomyopathy Based on the 2010 Task Force Criteria. Circulation Genomic and Precision Medicine, 2021, 14, e003047.	3.6	13
25	A case-control field study on the relationships among type 2 diabetes, sleepiness and habitual caffeine intake. Journal of Psychopharmacology, 2017, 31, 233-242.	4.0	11
26	Atonal homolog 7 (ATOH7) loss-of-function mutations in predominant bilateral optic nerve hypoplasia. Human Molecular Genetics, 2019, 29, 132-148.	2.9	11
27	Application of WES towards Molecular Investigation of Congenital Cataracts: Identification of Novel Alleles and Genes in a Hospital-Based Cohort of South India. International Journal of Molecular Sciences, 2020, 21, 9569.	4.1	10
28	De Novo Assembly-Based Analysis of RPGR Exon ORF15 in an Indigenous African Cohort Overcomes Limitations of a Standard Next-Generation Sequencing (NGS) Data Analysis Pipeline. Genes, 2020, 11, 800.	2.4	9
29	Long-term consequences of developmental vascular defects on retinal vessel homeostasis and function in a mouse model of Norrie disease. PLoS ONE, 2017, 12, e0178753.	2.5	9
30	Long-Range PCR-Based NGS Applications to Diagnose Mendelian Retinal Diseases. International Journal of Molecular Sciences, 2021, 22, 1508.	4.1	8
31	Regulation of ABCA1 by AMD-Associated Genetic Variants and Hypoxia in iPSC-RPE. International Journal of Molecular Sciences, 2022, 23, 3194.	4.1	8
32	Genotypeâ€“Phenotype Analysis of a Novel Recessive and a Recurrent Dominant SNRNP200 Variant Causing Retinitis Pigmentosa. , 2019, 60, 2822.		7
33	Lack of Paraoxonase 1 Alters Phospholipid Composition, but Not Morphology and Function of the Mouse Retina. , 2014, 55, 4714.		6
34	The timing of auditory sensory deficits in Norrie disease has implications for therapeutic intervention. JCI Insight, 2022, 7, .	5.0	6
35	Cystoid edema, neovascularization and inflammatory processes in the murine Norrin-deficient retina. Scientific Reports, 2018, 8, 5970.	3.3	4
36	Absence of Goniodysgenesis in Patients with Chromosome 13Q Microdeletion-Related Microcoria. Ophthalmology Glaucoma, 2018, 1, 145-147.	1.9	3

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37	Functional Characterization of an In-Frame Deletion in the Basic Domain of the Retinal Transcription Factor ATOH7. International Journal of Molecular Sciences, 2022, 23, 1053.	4.1	2
38	Benefits and outcomes of a new multidisciplinary approach for the management and financing of sudden unexplained death cases in a forensic setting in Switzerland. Forensic Science International, 2022, 334, 111240.	2.2	2
39	Homozygosity for a Novel DOCK7 Variant Due to Segmental Uniparental Isodisomy of Chromosome 1 Associated with Early Infantile Epileptic Encephalopathy (EIEE) and Cortical Visual Impairment. International Journal of Molecular Sciences, 2022, 23, 7382.	4.1	2
40	A new and a reclassified ICF patient without mutations inDNMT3B and its interacting proteins SUMO-1 and UBC9 (Am J Med Genet 136A: 31-37, 2005). American Journal of Medical Genetics, Part A, 2005, 138A, 195-195.	1.2	1
41	Unusual retinopathy in a child with severe combined immune deficiency. Ophthalmic Genetics, 2018, 39, 92-94.	1.2	1