Fritz Zimprich

List of Publications by Year
in descending order

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Version: 2024-02-01

134 papers	22,948 citations	46918 47 h-index	12910 131 g-index
142 all docs	142 docs citations	142 times ranked	32296 citing authors

#	Article	IF	Citations
1	Clinical and Laboratory Features in Anti-NF155 Autoimmune Nodopathy. Neurology: Neuroimmunology and NeuroInflammation, 2022, 9, .	3.1	30
2	Association of ultraâ€rare coding variants with genetic generalized epilepsy: A caseâ€“control whole exome sequencing study. Epilepsia, 2022, 63, 723-735.	2.6	8
3	B Cell Depletion and <scp>SARSâ€CoV</scp>â€2 Vaccine Responses in Neuroimmunologic Patients. Annals of Neurology, 2022, 91, 342-352.	2.8	29
4	Clinicoâ€genetic spectrum of limbâ€girdle muscular weakness in Austria: A multicentre cohort study. European Journal of Neurology, 2022, , .	1.7	4
5	Connectome Analysis in an Individual with SETD1B-Related Neurodevelopmental Disorder and Epilepsy. Journal of Developmental and Behavioral Pediatrics, 2022, 43, e419-e422.	0.6	3
6	Mapping genomic loci implicates genes and synaptic biology in schizophrenia. Nature, 2022, 604, 502-508.	13.7	929
7	Shortâ€term and sustained clinical response following thymectomy in patients with myasthenia gravis. European Journal of Neurology, 2022, 29, 2453-2462.	1.7	7
8	Longitudinal measurement of cerebrospinal fluid neurofilament light in antiâ€Nâ€methylâ€Dâ€aspartate receptor encephalitis. European Journal of Neurology, 2021, 28, 1401-1405.	1.7	12
9	Nerve conduction studies in Guillain-BarrÃ© syndrome: Influence of timing and value of repeated measurements. Journal of the Neurological Sciences, 2021, 420, 117267.	0.3	13
10	Cerebrospinal fluid analysis in Guillainâ€“BarrÃ© syndrome: value of albumin quotients. Journal of Neurology, 2021, 268, 3294-3300.	1.8	10
11	Antibodies to the Caspr1/contactin-1 complex in chronic inflammatory demyelinating polyradiculoneuropathy. Brain, 2021, 144, 1183-1196.	3.7	46
12	Delineation of epileptic and neurodevelopmental phenotypes associated with variants in STX1B. Seizure: the Journal of the British Epilepsy Association, 2021, 87, 25-29.	0.9	6
13	Assessing the role of rare genetic variants in drugâ€resistant, nonâ€lesional focal epilepsy. Annals of Clinical and Translational Neurology, 2021, 8, 1376-1387.	1.7	16
14	Childhoodâ€onset progressive dystonia associated with pathogenic truncating variants in CHD8. Annals of Clinical and Translational Neurology, 2021, 8, 1986-1990.	1.7	5
15	Real-world treatment of adult patients with Guillain-BarrÃ© syndrome over the last two decades. Scientific Reports, 2021, 11, 19170.	1.6	6
16	Estimation of patent foramen ovale size using transcranial Doppler ultrasound in patients with ischemic stroke. Journal of Neuroimaging, 2021, , .	1.0	3
17	Incidence and clinical spectrum of rhabdomyolysis in general neurology: a retrospective cohort study. Neuromuscular Disorders, 2021, , .	0.3	1
18	Using common genetic variants to find drugs for common epilepsies. Brain Communications, 2021, 3, fcab287.	1.5	9

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19	Frequency and clinical features of treatment-refractory myasthenia gravis. Journal of Neurology, 2020, 267, 1004-1011.	1.8	22
20	Monogenic variants in dystonia: an exome-wide sequencing study. Lancet Neurology, The, 2020, 19, 908-918.	4.9	139
21	No association between proton pump inhibitor use and ALS risk: a nationwide nested caseâ€“control study. Scientific Reports, 2020, 10, 13371.	1.6	7
22	Pathomechanisms and Clinical Implications of Myasthenic Syndromes Exacerbated and Induced by Medical Treatments. Frontiers in Molecular Neuroscience, 2020, 13, 156.	1.4	16
23	Myasthenia gravis AChR antibodies inhibit function of rapsyn-clustered AChRs. Journal of Neurology, Neurosurgery and Psychiatry, 2020, 91, 526-532.	0.9	11
24	Pharmacoresponse in genetic generalized epilepsy: a genome-wide association study. Pharmacogenomics, 2020, 21, 325-335.	0.6	21
25	Increased serum neurofilament light chain concentration indicates poor outcome in Guillain-BarrÃ© syndrome. Journal of Neuroinflammation, 2020, 17, 86.	3.1	44
26	Testing association of rare genetic variants with resistance to three common antiseizure medications. Epilepsia, 2020, 61, 657-666.	2.6	22
27	Subgroup stratification and outcome in recently diagnosed generalized myasthenia gravis. Neurology, 2020, 95, e1426-e1436.	1.5	20
28	Diagnostic exome sequencing in non-acquired focal epilepsies highlights a major role of GATOR1 complex genes. Journal of Medical Genetics, 2020, 57, 624-633.	1.5	16
29	ATP1A3-related epilepsy: Report of seven cases and literature-based analysis of treatment response. Journal of Clinical Neuroscience, 2020, 72, 31-38.	0.8	8
30	Mutational and phenotypic expansion of ATP1A3-related disorders: Report of nine cases. Gene, 2020, 749, 144709.	1.0	8
31	The TGFâ€b/SOX4 axis and ROSâ€driven autophagy coâ€mediate CD39 expression in regulatory Tâ€cells. FASEB Journal, 2020, 34, 8367-8384.	0.2	28
32	Adult-onset variant ataxia-telangiectasia diagnosed by exome and cDNA sequencing. Neurology: Genetics, 2019, 5, e346.	0.9	4
33	Phenotypic variability of GABRA1â€related epilepsy in monozygotic twins. Annals of Clinical and Translational Neurology, 2019, 6, 2317-2322.	1.7	4
34	Severe Myasthenic Manifestation of Leptospirosis Associated with New Sequence Type ofLeptospira interrogans. Emerging Infectious Diseases, 2019, 25, 968-971.	2.0	5
35	High efficacy of rituximab for myasthenia gravis: a comprehensive nationwide study in Austria. Journal of Neurology, 2019, 266, 699-706.	1.8	56
36	ATP1A3-related Epilepsy: Report of Six Cases and Literature-based Analysis of Treatment Response. Neuropediatrics, 2019, 50, .	0.3	0

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37	Exome-wide analysis of mutational burden in patients with typical and atypical Rolandic epilepsy. European Journal of Human Genetics, 2018, 26, 258-264.	1.4	22
38	Mutations outside the N-terminal part of RBCK1 may cause polyglucosan body myopathy with immunological dysfunction: expanding the genotypeâ€“phenotype spectrum. Journal of Neurology, 2018, 265, 394-401.	1.8	36
39	TPP2 mutation associated with sterile brain inflammation mimicking MS. Neurology: Genetics, 2018, 4, e285.	0.9	6
40	Management of Autoimmune Encephalitis: An Observational Monocentric Study of 38 Patients. Frontiers in Immunology, 2018, 9, 2708.	2.2	21
41	Genome-wide mega-analysis identifies 16 loci and highlights diverse biological mechanisms in the common epilepsies. Nature Communications, 2018, 9, 5269.	5.8	331
42	Multifocal motor neuropathy in Austria: a nationwide survey of clinical features and response to treatment. Journal of Neurology, 2018, 265, 2834-2840.	1.8	14
43	Rare gene deletions in genetic generalized and Rolandic epilepsies. PLoS ONE, 2018, 13, e0202022.	1.1	6
44	Estimation of Genetic Correlation via Linkage Disequilibrium Score Regression and Genomic Restricted Maximum Likelihood. American Journal of Human Genetics, 2018, 102, 1185-1194.	2.6	119
45	Age at first birth in women is genetically associated with increased risk of schizophrenia. Scientific Reports, 2018, 8, 10168.	1.6	17
46	Analysis of shared heritability in common disorders of the brain. Science, 2018, 360, .	6.0	1,085
47	Rare coding variants in genes encoding GABAA receptors in genetic generalised epilepsies: an exome-based case-control study. Lancet Neurology, The, 2018, 17, 699-708.	4.9	67
48	Genomic Dissection of Bipolar Disorder and Schizophrenia, Including 28 Subphenotypes. Cell, 2018, 173, 1705-1715.e16.	13.5	623
49	Lateralization of language function in epilepsy patients: A high-density scalp-derived event-related potentials (ERP) study. Clinical Neurophysiology, 2017, 128, 472-479.	0.7	13
50	Iodinated contrast agents in patients with myasthenia gravis: a retrospective cohort study. Journal of Neurology, 2017, 264, 1209-1217.	1.8	4
51	Carbamazepineâ€•and oxcarbazepineâ€induced hyponatremia in people with epilepsy. Epilepsia, 2017, 58, 1227-1233.	2.6	54
52	Hereditary spastic paraplegia caused by compound heterozygous mutations outside the motor domain of the KIF1A gene. European Journal of Neurology, 2017, 24, 741-747.	1.7	25
53	Genetic correlation between amyotrophic lateral sclerosis and schizophrenia. Nature Communications, 2017, 8, 14774.	5.8	114
54	Heterogeneous contribution of microdeletions in the development of common generalised and focal epilepsies. Journal of Medical Genetics, 2017, 54, 598-606.	1.5	22

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55	Comparative effectiveness of antiepileptic drugs in patients with mesial temporal lobe epilepsy with hippocampal sclerosis. Epilepsia, 2017, 58, 1734-1741.	2.6	26
56	Relationship Between Age, Gender, and Race in Patients Presenting With Myasthenia Gravis With Only Ocular Manifestations. Journal of Neuro-Ophthalmology, 2016, 36, 29-32.	0.4	17
57	Psychoses in epilepsy: A comparison of postictal and interictal psychoses. Epilepsy and Behavior, 2016, 60, 58-62.	0.9	31
58	The c.65â€2A>G splice site mutation is associated with a mild phenotype in Danon disease due to the transcription of normal LAMP2 mRNA. Clinical Genetics, 2016, 90, 366-371.	1.0	11
59	Clinical features, pathogenesis, and treatment of myasthenia gravis: a supplement to the Guidelines of the German Neurological Society. Journal of Neurology, 2016, 263, 1473-1494.	1.8	179
60	Genetic influences on schizophrenia and subcortical brain volumes: large-scale proof of concept. Nature Neuroscience, 2016, 19, 420-431.	7.1	204
61	No Reliable Association between Runs of Homozygosity and Schizophrenia in a Well-Powered Replication Study. PLoS Genetics, 2016, 12, e1006343.	1.5	24
62	Evaluation of Presumably Disease Causing SCN1A Variants in a Cohort of Common Epilepsy Syndromes. PLoS ONE, 2016, 11, e0150426.	1.1	22
63	Rare variants in Î³â€aminobutyric acid type <scp>A</scp> receptor genes in rolandic epilepsy and related syndromes. Annals of Neurology, 2015, 77, 972-986.	2.8	51
64	Epidemiology of Amyotrophic Lateral Sclerosis and Effect of Riluzole on Disease Course. Neuroepidemiology, 2015, 44, 6-15.	1.1	39
65	Investigation of GRIN2A in common epilepsy phenotypes. Epilepsy Research, 2015, 115, 95-99.	0.8	44
66	LD Score regression distinguishes confounding from polygenicity in genome-wide association studies. Nature Genetics, 2015, 47, 291-295.	9.4	3,905
67	Associations between co-medications and survival in ALSâ€”a cohort study from Austria. Journal of Neurology, 2015, 262, 1698-1705.	1.8	8
68	Burden Analysis of Rare Microdeletions Suggests a Strong Impact of Neurodevelopmental Genes in Genetic Generalised Epilepsies. PLoS Genetics, 2015, 11, e1005226.	1.5	91
69	Modeling Linkage Disequilibrium Increases Accuracy of Polygenic Risk Scores. American Journal of Human Genetics, 2015, 97, 576-592.	2.6	1,098
70	16p11.2 600 kb Duplications confer risk for typical and atypical Rolandic epilepsy. Human Molecular Genetics, 2014, 23, 6069-6080.	1.4	61
71	DEPDC5 mutations in genetic focal epilepsies of childhood. Annals of Neurology, 2014, 75, 788-792.	2.8	105
72	Partitioning Heritability of Regulatory and Cell-Type-Specific Variants across 11 Common Diseases. American Journal of Human Genetics, 2014, 95, 535-552.	2.6	569

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73	Biological insights from 108 schizophrenia-associated genetic loci. Nature, 2014, 511, 421-427.	13.7	6,934
74	Genetic determinants of common epilepsies: a meta-analysis of genome-wide association studies. Lancet Neurology, The, 2014, 13, 893-903.	4.9	264
75	Analysis of ELP4, SRPX2, and interacting genes in typical and atypical rolandic epilepsy. Epilepsia, 2014, 55, e89-93.	2.6	50
76	A Genetic Polymorphism of the Endogenous Opioid Dynorphin Modulates Monetary Reward Anticipation in the Corticostriatal Loop. PLoS ONE, 2014, 9, e89954.	1.1	13
77	Genetic characterization of northeastern Italian population isolates in the context of broader European genetic diversity. European Journal of Human Genetics, 2013, 21, 659-665.	1.4	64
78	Mutations in GRIN2A cause idiopathic focal epilepsy with rolandic spikes. Nature Genetics, 2013, 45, 1067-1072.	9.4	391
79	Postictal psychosis in temporal lobe epilepsy: a caseâ€“control study. European Journal of Neurology, 2013, 20, 955-961.	1.7	20
80	Reply: Autosomal recessive epilepsy associated with contactin 2 mutation is different from familial cortical tremor, myoclonus and epilepsy. Brain, 2013, 136, e254-e254.	3.7	1
81	Epilepsy, hippocampal sclerosis and febrile seizures linked by common genetic variation around SCN1A. Brain, 2013, 136, 3140-3150.	3.7	168
82	Autosomal recessive cortical myoclonic tremor and epilepsy: association with a mutation in the potassium channel associated gene CNTN2. Brain, 2013, 136, 1155-1160.	3.7	137
83	Rare exonic deletions of the <scp>RBFOX1</scp> gene increase risk of idiopathic generalized epilepsy. Epilepsia, 2013, 54, 265-271.	2.6	59
84	Exonâ€disrupting deletions of <scp>NRXN1</scp> in idiopathic generalized epilepsy. Epilepsia, 2013, 54, 256-264.	2.6	59
85	The effect of early prednisolone treatment on the generalization rate in ocular myasthenia gravis. European Journal of Neurology, 2013, 20, 708-713.	1.7	30
86	Association of the chromosome 11q13.5 variant with atopic dermatitis in Austrian patients. European Journal of Dermatology, 2013, 23, 142-145.	0.3	20
87	RBFOX1 and RBFOX3 Mutations in Rolandic Epilepsy. PLoS ONE, 2013, 8, e73323.	1.1	94
88	Lack of association between ABCC2 gene variants and treatment response in epilepsy. Pharmacogenomics, 2012, 13, 185-190.	0.6	33
89	Genome-wide association analysis of genetic generalized epilepsies implicates susceptibility loci at 1q43, 2p16.1, 2q22.3 and 17q21.32. Human Molecular Genetics, 2012, 21, 5359-5372.	1.4	134
90	Epidemiology of myasthenia gravis in Austria: rising prevalence in an ageing society. Wiener Klinische Wochenschrift, 2012, 124, 763-768.	1.0	28

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91	The receptor for advanced glycation endproducts and its ligands in patients with myasthenia gravis. Biochemical and Biophysical Research Communications, 2012, 420, 96-101.	1.0	14
92	Genomeâ€wide linkage metaâ€analysis identifies susceptibility loci at 2q34 and 13q31.3 for genetic generalized epilepsies. Epilepsia, 2012, 53, 308-318.	2.6	32
93	A Mutation in VPS35, Encoding a Subunit of the Retromer Complex, Causes Late-Onset Parkinson Disease. American Journal of Human Genetics, 2011, 89, 168-175.	2.6	757
94	Novel SCARB2 mutation in action myoclonus-renal failure syndrome and evaluation of SCARB2mutations in isolated AMRF features. BMC Neurology, 2011, 11, 134.	0.8	22
95	Analysis of four prevalent filaggrin mutations (R501X, 2282del4, R2447X and S3247X) in Austrian and German patients with atopic dermatitis. Journal of the European Academy of Dermatology and Venereology, 2010, 24, 607-610.	1.3	54
96	Recurrent microdeletions at 15q11.2 and 16p13.11 predispose to idiopathic generalized epilepsies. Brain, 2010, 133, 23-32.	3.7	406
97	Functional Variant in Complement C3 Gene Promoter and Genetic Susceptibility to Temporal Lobe Epilepsy and Febrile Seizures. PLoS ONE, 2010, 5, e12740.	1.1	25
98	Genetic Structure of Europeans: A View from the Northâ€“East. PLoS ONE, 2009, 4, e5472.	1.1	279
99	From Eugenic Euthanasia to Habilitation of ``Disabled'' Children: Andreas Rett's Contribution. Journal of Child Neurology, 2009, 24, 115-127.	0.7	21
100	Dynamic upâ€regulation of prodynorphin transcription in temporal lobe epilepsy. Hippocampus, 2009, 19, 1051-1054.	0.9	17
101	Role of LINGO1 polymorphisms in Parkinson's disease. Movement Disorders, 2009, 24, 2404-2407.	2.2	23
102	A novel mutation in the VCP gene (G157R) in a german family with inclusionâ€body myopathy with paget disease of bone and frontotemporal dementia. Muscle and Nerve, 2009, 39, 389-391.	1.0	60
103	A novel mutation in the MFSD8 gene in late infantile neuronal ceroid lipofuscinosis. Neurogenetics, 2009, 10, 73-77.	0.7	33
104	Analysis of the prodynorphin promoter polymorphism in atopic dermatitis and disease-related pruritus. Clinical and Experimental Dermatology, 2009, 34, 728-730.	0.6	4
105	15q13.3 microdeletions increase risk of idiopathic generalized epilepsy. Nature Genetics, 2009, 41, 160-162.	9.4	511
106	The clinical impact of pharmacogenetics on the treatment of epilepsy. Epilepsia, 2009, 50, 1-23.	2.6	226
107	A splice site variant in the sodium channel gene SCN1A confers risk of febrile seizures. Neurology, 2009, 72, 974-978.	1.5	50
108	A functional polymorphism in the SCN1A gene is not associated with carbamazepine dosages in Austrian patients with epilepsy. Epilepsia, 2008, 49, 1108-1109.	2.6	48

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109	Report of the Task Force on preâ€graduate education in Europe of the education committee of the European Federation of Neurological Societies Composition of the task force of the education committee on preâ€graduate education. European Journal of Neurology, 2008, 15, e103-9.	1.7	3
110	The stigma of mental illness: Anticipation and attitudes among patients with epileptic, dissociative or somatoform pain disorder. International Review of Psychiatry, 2007, 19, 123-129.	1.4	30
111	Clinical Seizure Lateralization in Frontal Lobe Epilepsy. Epilepsia, 2007, 48, 517-523.	2.6	63
112	Pharmacoresistance in Epilepsy: A Pilot PET Study with the P-Glycoprotein Substrate R -[11 C]verapamil. Epilepsia, 2007, 48, 1774-1784.	2.6	119
113	Lack of Association between a GABAB Receptor 1 Gene Polymorphism and Temporal Lobe Epilepsy. Epilepsia, 2006, 47, 437-439.	2.6	10
114	Mutations in the CLCN2 gene are a rare cause of idiopathic generalized epilepsy syndromes. Neurogenetics, 2006, 7, 265-268.	0.7	22
115	Andreas Rett and benign familial neonatal convulsions revisited. Neurology, 2006, 67, 864-866.	1.5	25
116	Idiopathic generalized epilepsy phenotypes associated with different EFHC1 mutations. Neurology, 2006, 67, 2029-2031.	1.5	63
117	WHO WAS ANDREAS RETT?. Neuropediatrics, 2006, 37, .	0.3	0
118	Ancient and Recent Positive Selection Transformed Opioid cis-Regulation in Humans. PLoS Biology, 2005, 3, e387.	2.6	155
119	Inclusion body myopathy and Paget disease is linked to a novel mutation in the VCP gene. Neurology, 2005, 65, 1304-1305.	1.5	101
120	Altered expression of voltage-dependent calcium channel Î±1 subunits in temporal lobe epilepsy with Ammonâ€™s horn sclerosis. Neuroscience, 2002, 111, 57-69.	1.1	28
121	A functional polymorphism in the prodynorphin gene promotor is associated with temporal lobe epilepsy. Annals of Neurology, 2002, 51, 260-263.	2.8	94
122	Buffering intracellular calcium disrupts motoneuron development in intact zebrafish embryos. Developmental Brain Research, 2001, 129, 169-179.	2.1	31
123	Substantial relief of myopathic disability by progesterone therapy. Acta Obstetricia Et Gynecologica Scandinavica, 2001, 80, 972-973.	1.3	1
124	An autosomal dominant early adult-onset distal muscular dystrophy. Muscle and Nerve, 2000, 23, 1876-1879.	1.0	25
125	APOLIPOPROTEIN E POLYMORPHISM AND NEUROLOGICAL OUTCOME AFTER CARDIOPULMONARY RESUSCITATION. Critical Care Medicine, 1999, 27, A66.	0.4	0
126	Real-time measurements of calcium dynamics in neurons developing in situ within zebrafish embryos. Pflugers Archiv European Journal of Physiology, 1998, 436, 489-493.	1.3	19

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127	Calcium Channels in Neuroblastoma Cell Growth Cones. European Journal of Neuroscience, 1996, 8, 467-475.	1.2	14
128	Nuclear calmodulin responds rapidly to calcium influx at the plasmalemma. Cell Calcium, 1995, 17, 233-238.	1.1	15
129	Biphasic effect of calcium on neurite outgrowth in neuroblastoma and cerebellar granule cells. Developmental Brain Research, 1994, 80, 7-12.	2.1	4
130	Immunohistochemical localization of the Î±1, Î±2 and Î±3 subunit of the GABAA receptor in the rat brain. Neuroscience Letters, 1991, 127, 125-128.	1.0	99
131	Expression of Adhesion Molecules and Histocompatibility Antigens at the Bloodâ€Brain Barrier. Brain Pathology, 1991, 1, 115-123.	2.1	79
132	Coronavirus induced primary demyelination: indications for the involvement of a humoral immune response. Neuropathology and Applied Neurobiology, 1991, 17, 469-484.	1.8	29
133	Microglial cells are a component of the perivascular glia limitans. Journal of Neuroscience Research, 1991, 28, 236-243.	1.3	186
134	Coronavirus Induced Demyelinating Encephalomyelitis in Rats: Immunopathological Aspects of Viral Persistency. Advances in Experimental Medicine and Biology, 1990, 276, 637-645.	0.8	7