

# Dimitri M Kullmann

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

246  
papers

13,882  
citations

65  
h-index

111  
g-index

333  
ext. papers

15,844  
ext. citations

9.6  
avg, IF

6.7  
L-index

#	Paper	IF	Citations
246	114 Neuro-critical care: a 4-year experience. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , <b>2022</b> , 93, A46.2-A46	5.5	
245	Bortezomib for anti-NMDAR encephalitis following daclizumab treatment in a patient with multiple sclerosis. <i>BMJ Neurology Open</i> , <b>2021</b> , 3, e000096	1.5	0
244	Nicotinic receptor activation induces NMDA receptor independent long-term potentiation of glutamatergic signalling in hippocampal oriens interneurons. <i>Journal of Physiology</i> , <b>2021</b> , 599, 667-676	3.9	4
243	A retrospective cohort study of super-refractory status epilepticus in a tertiary neuro-ICU setting. <i>Seizure: the Journal of the British Epilepsy Association</i> , <b>2021</b> , 85, 90-94	3.2	1
242	Translating genetic and functional data into clinical practice: a series of 223 families with myotonia. <i>Brain</i> , <b>2021</b> ,	11.2	1
241	Impaired Pre-Motor Circuit Activity and Movement in a Drosophila Model of KCNMA1-Linked Dyskinesia. <i>Movement Disorders</i> , <b>2021</b> , 36, 1158-1169	7	4
240	In vivo CRISPRa decreases seizures and rescues cognitive deficits in a rodent model of epilepsy. <i>Brain</i> , <b>2020</b> , 143, 891-905	11.2	40
239	dCas9-Based Scn1a Gene Activation Restores Inhibitory Interneuron Excitability and Attenuates Seizures in Dravet Syndrome Mice. <i>Molecular Therapy</i> , <b>2020</b> , 28, 235-253	11.7	74
238	Optogenetic and chemogenetic therapies for epilepsy. <i>Neuropharmacology</i> , <b>2020</b> , 168, 107751	5.5	27
237	Biallelic mutations in neurofascin cause neurodevelopmental impairment and peripheral demyelination. <i>Brain</i> , <b>2019</b> , 142, 2948-2964	11.2	13
236	Cell-Free Expression of Sodium Channel Domains for Pharmacology Studies. Noncanonical Spider Toxin Binding Site in the Second Voltage-Sensing Domain of Human Na <sub>v</sub> 1.4 Channel. <i>Frontiers in Pharmacology</i> , <b>2019</b> , 10, 953	5.6	2
235	PDXK mutations cause polyneuropathy responsive to pyridoxal 5'-phosphate supplementation. <i>Annals of Neurology</i> , <b>2019</b> , 86, 225-240	9.4	18
234	Designer receptor technology for the treatment of epilepsy. <i>EBioMedicine</i> , <b>2019</b> , 43, 641-649	8.8	23
233	Hippocampal-prefrontal coherence mediates working memory and selective attention at distinct frequency bands and provides a causal link between schizophrenia and its risk gene GRIA1. <i>Translational Psychiatry</i> , <b>2019</b> , 9, 142	8.6	27
232	Olanzapine: A potent agonist at the hM4D(Gi) DREADD amenable to clinical translation of chemogenetics. <i>Science Advances</i> , <b>2019</b> , 5, eaaw1567	14.3	29
231	KCC2 overexpression prevents the paradoxical seizure-promoting action of somatic inhibition. <i>Nature Communications</i> , <b>2019</b> , 10, 1225	17.4	37
230	Loss of disrupts synaptic AMPA receptor function, and results in neurodevelopmental, motor, cognitive and electrographical abnormalities. <i>DMM Disease Models and Mechanisms</i> , <b>2019</b> , 12,	4.1	14

229	Mutations in the Neuronal Vesicular SNARE VAMP2 Affect Synaptic Membrane Fusion and Impair Human Neurodevelopment. <i>American Journal of Human Genetics</i> , <b>2019</b> , 104, 721-730	11	48
228	A genetically encoded fluorescent sensor for in vivo imaging of GABA. <i>Nature Methods</i> , <b>2019</b> , 16, 763-770	1.6	128
227	AMPA receptor GluA2 subunit defects are a cause of neurodevelopmental disorders. <i>Nature Communications</i> , <b>2019</b> , 10, 3094	17.4	76
226	Novel therapies for epilepsy in the pipeline. <i>Epilepsy and Behavior</i> , <b>2019</b> , 97, 282-290	3.2	16
225	Glycine receptor autoantibodies disrupt inhibitory neurotransmission. <i>Brain</i> , <b>2019</b> , 142, 3398-3410	11.2	30
224	Dendritic NMDA receptors in parvalbumin neurons enable strong and stable neuronal assemblies. <i>ELife</i> , <b>2019</b> , 8,	8.9	16
223	Epilepsy Gene Therapy Using an Engineered Potassium Channel. <i>Journal of Neuroscience</i> , <b>2019</b> , 39, 3159-3169	1.69	41
222	Rhombencephalitis and Myeloradiculitis Caused by a European Subtype of Tick-Borne Encephalitis Virus. <i>Emerging Infectious Diseases</i> , <b>2019</b> , 25, 2317-2319	10.2	1
221	Myotonia in a patient with a mutation in an S4 arginine residue associated with hypokalaemic periodic paralysis and a concomitant synonymous CLCN1 mutation. <i>Scientific Reports</i> , <b>2019</b> , 9, 17560	4.9	9
220	Can N-Methyl-D-Aspartate Receptor Hypofunction in Schizophrenia Be Localized to an Individual Cell Type?. <i>Frontiers in Psychiatry</i> , <b>2019</b> , 10, 835	5	11
219	GABAergic Interneurons in Seizures: Investigating Causality With Optogenetics. <i>Neuroscientist</i> , <b>2019</b> , 25, 344-358	7.6	30
218	Gene-Environment Interaction in a Conditional NMDAR-Knockout Model of Schizophrenia. <i>Frontiers in Behavioral Neuroscience</i> , <b>2018</b> , 12, 332	3.5	5
217	Spider toxin inhibits gating pore currents underlying periodic paralysis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2018</b> , 115, 4495-4500	11.5	13
216	Dysfunction of NaV1.4, a skeletal muscle voltage-gated sodium channel, in sudden infant death syndrome: a case-control study. <i>Lancet, The</i> , <b>2018</b> , 391, 1483-1492	40	49
215	Imaging pathological activities of human brain tissue in organotypic culture. <i>Journal of Neuroscience Methods</i> , <b>2018</b> , 298, 33-44	3	17
214	The Enlightened Brain: Novel Imaging Methods Focus on Epileptic Networks at Multiple Scales. <i>Frontiers in Cellular Neuroscience</i> , <b>2018</b> , 12, 82	6.1	8
213	Biochemical autoregulatory gene therapy for focal epilepsy. <i>Nature Medicine</i> , <b>2018</b> , 24, 1324-1329	50.5	34
212	Application of long single-stranded DNA donors in genome editing: generation and validation of mouse mutants. <i>BMC Biology</i> , <b>2018</b> , 16, 70	7.3	50

211	Analogous closed-loop optogenetic modulation of hippocampal pyramidal cells dissociates gamma frequency and amplitude. <i>ELife</i> , <b>2018</b> , 7,	8.9	8
210	Semiology, clustering, periodicity and natural history of seizures in an experimental occipital cortical epilepsy model. <i>DMM Disease Models and Mechanisms</i> , <b>2018</b> , 11,	4.1	8
209	Optogenetic induction of the schizophrenia-related endophenotype of ventral hippocampal hyperactivity causes rodent correlates of positive and cognitive symptoms. <i>Scientific Reports</i> , <b>2018</b> , 8, 12871	4.9	13
208	Changes in the severity and subtype of Guillain-Barré syndrome admitted to a specialist Neuromedical ICU over a 25 year period. <i>Journal of Neurology</i> , <b>2017</b> , 264, 564-569	5.5	8
207	T-type calcium channels contribute to NMDA receptor independent synaptic plasticity in hippocampal regular-spiking oriens-alveus interneurons. <i>Journal of Physiology</i> , <b>2017</b> , 595, 3449-3458	3.9	15
206	CD8+ encephalitis: a severe but treatable HIV-related acute encephalopathy. <i>Practical Neurology</i> , <b>2017</b> , 17, 42-46	2.4	9
205	Kv1.1 channelopathy abolishes presynaptic spike width modulation by subthreshold somatic depolarization. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2017</b> , 114, 2395-2400	11.5	17
204	Activity Clamp Provides Insights into Paradoxical Effects of the Anti-Seizure Drug Carbamazepine. <i>Journal of Neuroscience</i> , <b>2017</b> , 37, 5484-5495	6.6	6
203	Progressive Motor Neuron Pathology and the Role of Astrocytes in a Human Stem Cell Model of VCP-Related ALS. <i>Cell Reports</i> , <b>2017</b> , 19, 1739-1749	10.6	91
202	De novo KCNA2 mutations cause hereditary spastic paraplegia. <i>Annals of Neurology</i> , <b>2017</b> , 81, 326-328	9.4	10
201	Mutations in Membrin/GOSR2 Reveal Stringent Secretory Pathway Demands of Dendritic Growth and Synaptic Integrity. <i>Cell Reports</i> , <b>2017</b> , 21, 97-109	10.6	22
200	Clinical, pathological and functional characterization of riboflavin-responsive neuropathy. <i>Brain</i> , <b>2017</b> , 140, 2820-2837	11.2	40
199	PO190 Anti-musk positive myasthenia gravis at a tertiary centre. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , <b>2017</b> , 88, A61.3-A61	5.5	
198	Personalized translational epilepsy research - Novel approaches and future perspectives: Part II: Experimental and translational approaches. <i>Epilepsy and Behavior</i> , <b>2017</b> , 76, 7-12	3.2	11
197	Personalized translational epilepsy research - Novel approaches and future perspectives: Part I: Clinical and network analysis approaches. <i>Epilepsy and Behavior</i> , <b>2017</b> , 76, 13-18	3.2	18
196	Focal cortical seizures start as standing waves and propagate respecting homotopic connectivity. <i>Nature Communications</i> , <b>2017</b> , 8, 217	17.4	38
195	Pathogenic potential of antibodies to the GABA receptor. <i>Epilepsia Open</i> , <b>2017</b> , 2, 355-359	4	22
194	PO006 Encephalitis on the neuro-icu: changing patterns. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , <b>2017</b> , 88, A14.2-A14	5.5	

193	PO221 Pathological mechanisms of glycine receptor antibodies. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , <b>2017</b> , 88, A70.2-A70	5.5	
192	PO007 Neuro-critical care: an 11-year experience. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , <b>2017</b> , 88, A14.3-A14	5.5	
191	Optogenetic approaches to treat epilepsy. <i>Journal of Neuroscience Methods</i> , <b>2016</b> , 260, 215-20	3	30
190	Disorders of Consciousness, Intensive Care Neurology and Sleep <b>2016</b> , 797-848		
189	Mechanisms of Neurological Disease <b>2016</b> , 69-95		
188	Action potential broadening in a presynaptic channelopathy. <i>Nature Communications</i> , <b>2016</b> , 7, 12102	17.4	42
187	Editorial. <i>Brain</i> , <b>2016</b> , 139, 2815	11.2	1
186	Autoimmune synaptopathies. <i>Nature Reviews Neuroscience</i> , <b>2016</b> , 17, 103-17	13.5	68
185	In vivo impact of presynaptic calcium channel dysfunction on motor axons in episodic ataxia type 2. <i>Brain</i> , <b>2016</b> , 139, 380-91	11.2	9
184	Genetic neurological channelopathies: molecular genetics and clinical phenotypes. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , <b>2016</b> , 87, 37-48	5.5	52
183	Knockout of NMDA-receptors from parvalbumin interneurons sensitizes to schizophrenia-related deficits induced by MK-801. <i>Translational Psychiatry</i> , <b>2016</b> , 6, e778	8.6	61
182	Lentiviral expression of GAD67 and CCK promoter-driven opsins to target interneurons in vitro and in vivo. <i>Journal of Gene Medicine</i> , <b>2016</b> , 18, 27-37	3.5	1
181	Hypokalemic periodic paralysis: an omega pore mutation affects inactivation. <i>Channels</i> , <b>2015</b> , 9, 161	3	2
180	Mutations in SLC12A5 in epilepsy of infancy with migrating focal seizures. <i>Nature Communications</i> , <b>2015</b> , 6, 8038	17.4	104
179	Induction of Anti-Hebbian LTP in CA1 Stratum Oriens Interneurons: Interactions between Group I Metabotropic Glutamate Receptors and M1 Muscarinic Receptors. <i>Journal of Neuroscience</i> , <b>2015</b> , 35, 13542-54	6.6	20
178	The clinical and genetic heterogeneity of paroxysmal dyskinesias. <i>Brain</i> , <b>2015</b> , 138, 3567-80	11.2	96
177	Expanding the Phenotype and Genetic Defects Associated with the Gene. <i>Movement Disorders Clinical Practice</i> , <b>2015</b> , 2, 271-273	2.2	14
176	Lambert-Eaton syndrome IgG inhibits transmitter release via P/Q Ca <sup>2+</sup> channels. <i>Neurology</i> , <b>2015</b> , 84, 575-9	6.5	12

175	Clinical relevance of serum antibodies to extracellular N-methyl-D-aspartate receptor epitopes. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , <b>2015</b> , 86, 708-13	5.5	81
174	CHAPTER 10:Optogenetic and Chemogenetic Tools for Drug Discovery in Schizophrenia. <i>RSC Drug Discovery Series</i> , <b>2015</b> , 234-272	0.6	1
173	Chemical-genetic attenuation of focal neocortical seizures. <i>Nature Communications</i> , <b>2014</b> , 5, 3847	17.4	98
172	Oscillatory multiplexing of population codes for selective communication in the mammalian brain. <i>Nature Reviews Neuroscience</i> , <b>2014</b> , 15, 111-22	13.5	222
171	Just a graze? Cephalic tetanus presenting as a stroke mimic. <i>Practical Neurology</i> , <b>2014</b> , 14, 39-41	2.4	4
170	Myasthenia gravis--treatment of acute severe exacerbations in the intensive care unit results in a favourable long-term prognosis. <i>European Journal of Neurology</i> , <b>2014</b> , 21, 171-3	6	15
169	Release of Neurotransmitters <b>2014</b> , 443-488		4
168	Gene therapy in epilepsy-is it time for clinical trials?. <i>Nature Reviews Neurology</i> , <b>2014</b> , 10, 300-4	15	52
167	PATHOLOGICAL MECHANISMS OF GLYCINE RECEPTOR ANTIBODIES. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , <b>2014</b> , 85, e4.12-e4	5.5	
166	Long-term potentiation in hippocampal oriens interneurons: postsynaptic induction, presynaptic expression and evaluation of candidate retrograde factors. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , <b>2014</b> , 369, 20130133	5.8	19
165	CHANGING FORMS OF GUILLAIN-BARRIÉ SYNDROME IN NEURO-ICU. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , <b>2014</b> , 85, e4.85-e4	5.5	
164	Myasthenia gravis and neuromyelitis optica: A causal link. <i>Multiple Sclerosis and Related Disorders</i> , <b>2013</b> , 2, 233-7	4	12
163	Differential triggering of spontaneous glutamate release by P/Q-, N- and R-type Ca <sup>2+</sup> channels. <i>Nature Neuroscience</i> , <b>2013</b> , 16, 1754-1763	25.5	95
162	Slow channel congenital myasthenic syndrome responsive to a combination of fluoxetine and salbutamol. <i>Muscle and Nerve</i> , <b>2013</b> , 47, 279-82	3.4	19
161	Nanoscale-targeted patch-clamp recordings of functional presynaptic ion channels. <i>Neuron</i> , <b>2013</b> , 79, 1067-77	13.9	85
160	Thymectomy: role in the treatment of myasthenia gravis. <i>Journal of Neurology</i> , <b>2013</b> , 260, 1798-801	5.5	36
159	NMDA receptor-dependent function and plasticity in inhibitory circuits. <i>Neuropharmacology</i> , <b>2013</b> , 74, 23-31	5.5	30
158	Cortical inhibition, pH and cell excitability in epilepsy: what are optimal targets for antiepileptic interventions?. <i>Journal of Physiology</i> , <b>2013</b> , 591, 765-74	3.9	52

157	Clinical, genetic, neurophysiological and functional study of new mutations in episodic ataxia type 1. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , <b>2013</b> , 84, 1107-12	5.5	36
156	LAMBERT EATON MYASTHENIC SYNDROME ANTIBODIES DECREASE SYNAPTIC VESICLE EXOCYTOSIS IN NEURONAL CULTURES. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , <b>2013</b> , 84, e2.151-e2	5.5	
155	JUST A GRAZE?. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , <b>2013</b> , 84, e2.159-e2	5.5	
154	Gene therapy in status epilepticus. <i>Epilepsia</i> , <b>2013</b> , 54 Suppl 6, 43-5	6.4	9
153	N-methyl-D-aspartate receptor antibody-mediated encephalitis. <i>British Journal of Hospital Medicine (London, England: 2005)</i> , <b>2012</b> , 73, 472-3	0.8	
152	Optogenetic and potassium channel gene therapy in a rodent model of focal neocortical epilepsy. <i>Science Translational Medicine</i> , <b>2012</b> , 4, 161ra152	17.5	179
151	Plasticity of inhibition. <i>Neuron</i> , <b>2012</b> , 75, 951-62	13.9	159
150	In vivo loss of slow potassium channel activity in individuals with benign familial neonatal epilepsy in remission. <i>Brain</i> , <b>2012</b> , 135, 3144-52	11.2	14
149	Vasculitis of the central and peripheral nervous system mimicking brain death. <i>Clinical Neurology and Neurosurgery</i> , <b>2012</b> , 114, 399-401	2	1
148	The Mother of All Battles 20 years on: is LTP expressed pre- or postsynaptically?. <i>Journal of Physiology</i> , <b>2012</b> , 590, 2213-6	3.9	16
147	Oscillatory dynamics in the hippocampus support dentate gyrus CA3 coupling. <i>Nature Neuroscience</i> , <b>2012</b> , 15, 763-8	25.5	75
146	Mapping out hippocampal inhibition. <i>Nature Neuroscience</i> , <b>2012</b> , 15, 346-7	25.5	1
145	Ionotropic receptors at hippocampal mossy fibers: roles in axonal excitability, synaptic transmission, and plasticity. <i>Frontiers in Neural Circuits</i> , <b>2012</b> , 6, 112	3.5	15
144	Independent regulation of basal neurotransmitter release efficacy by variable Ca <sup>2+</sup> influx and bouton size at small central synapses. <i>PLoS Biology</i> , <b>2012</b> , 10, e1001396	9.7	54
143	Efficient "communication through coherence" requires oscillations structured to minimize interference between signals. <i>PLoS Computational Biology</i> , <b>2012</b> , 8, e1002760	5	54
142	170 Diaphragmatic weakness following thymectomy: due to myasthenia gravis or phrenic nerve injury?. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , <b>2012</b> , 83, e1.127-e1	5.5	1
141	Late recurrent thymoma in myasthenia gravis: a case series. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , <b>2012</b> , 83, 1030-1	5.5	8
140	PRRT2 gene mutations: from paroxysmal dyskinesia to episodic ataxia and hemiplegic migraine. <i>Neurology</i> , <b>2012</b> , 79, 2115-21	6.5	132



139	172 An unusual case of congenital myasthenic syndrome: the mechanism for treatment response. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , <b>2012</b> , 83, e1.129-e1	5.5	
138	LTP and LTD in cortical GABAergic interneurons: emerging rules and roles. <i>Neuropharmacology</i> , <b>2011</b> , 60, 712-9	5.5	67
137	Short- and long-term depression at glutamatergic synapses on hippocampal interneurons by group I mGluR activation. <i>Neuropharmacology</i> , <b>2011</b> , 60, 748-56	5.5	25
136	GABAA receptor mutations in epilepsy (commentary on Lachance-Touchette et al.). <i>European Journal of Neuroscience</i> , <b>2011</b> , 34, 235-6	3.5	3
135	Interneuron networks in the hippocampus. <i>Current Opinion in Neurobiology</i> , <b>2011</b> , 21, 709-16	7.6	72
134	I(h)-mediated depolarization enhances the temporal precision of neuronal integration. <i>Nature Communications</i> , <b>2011</b> , 2, 199	17.4	38
133	Group I mGluR agonist-evoked long-term potentiation in hippocampal oriens interneurons. <i>Journal of Neuroscience</i> , <b>2011</b> , 31, 5777-81	6.6	38
132	What's wrong with the amygdala in temporal lobe epilepsy?. <i>Brain</i> , <b>2011</b> , 134, 2800-1	11.2	23
131	Alternative splicing modulates inactivation of type 1 voltage-gated sodium channels by toggling an amino acid in the first S3-S4 linker. <i>Journal of Biological Chemistry</i> , <b>2011</b> , 286, 36700-8	5.4	32
130	How much inhibition in an epileptiform burst?. <i>Journal of Physiology</i> , <b>2010</b> , 588, 17-8	3.9	3
129	Genetic and functional characterisation of the P/Q calcium channel in episodic ataxia with epilepsy. <i>Journal of Physiology</i> , <b>2010</b> , 588, 1905-13	3.9	70
128	Neurological channelopathies: new insights into disease mechanisms and ion channel function. <i>Journal of Physiology</i> , <b>2010</b> , 588, 1823-7	3.9	74
127	Presynaptic GABAA receptors enhance transmission and LTP induction at hippocampal mossy fiber synapses. <i>Nature Neuroscience</i> , <b>2010</b> , 13, 431-8	25.5	85
126	A 'sustain pedal' in the hippocampus?. <i>Nature Neuroscience</i> , <b>2010</b> , 13, 146-8	25.5	3
125	Spike-timing dependent plasticity in inhibitory circuits. <i>Frontiers in Synaptic Neuroscience</i> , <b>2010</b> , 2, 8	3.5	53
124	PONM09 Thymectomy: its role in the management of myasthenia gravis. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , <b>2010</b> , 81, e62-e63	5.5	
123	PONM08 Late recurrent thymoma: a case series. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , <b>2010</b> , 81, e62-e62	5.5	
122	Nongenetic factors influence severity of episodic ataxia type 1 in monozygotic twins. <i>Neurology</i> , <b>2010</b> , 75, 367-72	6.5	32



121	PAW31 Clinical and genetic spectrum of the episodic ataxias: the UK perspective. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , <b>2010</b> , 81, e32-e32	5.5	
120	Nerve excitability studies characterize Kv1.1 fast potassium channel dysfunction in patients with episodic ataxia type 1. <i>Brain</i> , <b>2010</b> , 133, 3530-40	11.2	73
119	Neurological channelopathies. <i>Annual Review of Neuroscience</i> , <b>2010</b> , 33, 151-72	17	90
118	N-methyl-D-aspartate antibody encephalitis: temporal progression of clinical and paraclinical observations in a predominantly non-paraneoplastic disorder of both sexes. <i>Brain</i> , <b>2010</b> , 133, 1655-67	11.2	738
117	Myasthenia and related disorders of the neuromuscular junction. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , <b>2010</b> , 81, 850-7	5.5	35
116	Oscillations and filtering networks support flexible routing of information. <i>Neuron</i> , <b>2010</b> , 67, 308-20	13.9	174
115	Neurological manifestation of vitamin B12 deficiency. <i>American Journal of Medicine</i> , <b>2010</b> , 123, e1-2	2.4	2
114	Sodium channel mutations and epilepsy: association and causation. <i>Experimental Neurology</i> , <b>2010</b> , 226, 8-10	5.7	2
113	Anti-N-methyl-D-aspartate receptor antibodies: a potentially treatable cause of encephalitis in the intensive care unit. <i>Critical Care Medicine</i> , <b>2010</b> , 38, 679-82	1.4	78
112	N-methyl-D-aspartate limbic encephalitis: Diagnosis should respect well-recognized criteria. <i>Critical Care Medicine</i> , <b>2010</b> , 38, 1615-1616	1.4	
111	Central nervous system histoplasmosis in an immunocompetent patient. <i>Journal of Neurology</i> , <b>2010</b> , 257, 1931-3	5.5	8
110	Tonic GABAA receptor-mediated signaling. <i>Epilepsia</i> , <b>2010</b> , 51, 14-14	6.4	2
109	Open letter to prime minister David Cameron and health secretary Andrew Lansley. <i>BMJ, The</i> , <b>2010</b> , 341, c6466	5.9	11
108	Dysfunction of the Ca(V)2.1 calcium channel in cerebellar ataxias. <i>F1000 Biology Reports</i> , <b>2010</b> , 2,		6
107	Large scale calcium channel gene rearrangements in episodic ataxia and hemiplegic migraine: implications for diagnostic testing. <i>Journal of Medical Genetics</i> , <b>2009</b> , 46, 786-91	5.8	48
106	Role of ionotropic glutamate receptors in long-term potentiation in rat hippocampal CA1 oriens-lacunosum moleculare interneurons. <i>Journal of Neuroscience</i> , <b>2009</b> , 29, 939-50	6.6	78
105	Outwardly rectifying tonically active GABAA receptors in pyramidal cells modulate neuronal offset, not gain. <i>Journal of Neuroscience</i> , <b>2009</b> , 29, 15341-50	6.6	96
104	Synapsin- and actin-dependent frequency enhancement in mouse hippocampal mossy fiber synapses. <i>Cerebral Cortex</i> , <b>2009</b> , 19, 511-23	5.1	14

103	Sodium channelopathy of peripheral nerve: tightening the genotype-phenotype relationship. <i>Brain</i> , <b>2009</b> , 132, 1690-2	11.2	2
102	Voltage sensor charge loss accounts for most cases of hypokalemic periodic paralysis. <i>Neurology</i> , <b>2009</b> , 72, 1544-7	6.5	133
101	A patient with episodic ataxia and paramyotonia congenita due to mutations in KCNA1 and SCN4A. <i>Neurology</i> , <b>2009</b> , 73, 993-5	6.5	8
100	Density functional and spectroscopic studies of nitrogen inversion in substituted dizocilpines. <i>Journal of Physical Organic Chemistry</i> , <b>2009</b> , 22, 607-612	2.1	1
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