

Maurizio Taglialatela

List of Publications by Year in descending order

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216
papers

9,333
citations

26630

56
h-index

48315

88
g-index

222
all docs

222
docs citations

222
times ranked

7688
citing authors

#	ARTICLE	IF	CITATIONS
1	Distinct epilepsy phenotypes and response to drugs in <i>KCNA1</i> gain- and loss-of function variants. <i>Epilepsia</i> , 2022, 63, .	5.1	20
2	Kv7.2 and Kv7.3 potassium channel subunits as new central regulators of blood pressure. <i>Cardiovascular Research</i> , 2022, 118, 345-346.	3.8	0
3	Kv7.4 channels regulate potassium permeability in neuronal mitochondria. <i>Biochemical Pharmacology</i> , 2022, 197, 114931.	4.4	8
4	Cerebrospinal Fluid Ion Analysis in Neonatal Seizures. <i>Pediatric Neurology</i> , 2022, 128, 16-19.	2.1	1
5	Gain of function due to increased opening probability by two <i>KCNQ5</i> pore variants causing developmental and epileptic encephalopathy. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2022, 119, e2116887119.	7.1	14
6	The long and winding road to personalized medicine in <i>KCNMA1</i> -linked channelopathies revealed by novel variants associated with the Liang-Wang syndrome. <i>Acta Physiologica</i> , 2022, 235, .	3.8	3
7	<i>KCNQ2</i> R144 variants cause neurodevelopmental disability with language impairment and autistic features without neonatal seizures through a gain-of-function mechanism. <i>EBioMedicine</i> , 2022, 81, 104130.	6.1	19
8	Neurological risks and benefits of cytokine-based treatments in coronavirus disease 2019: from preclinical to clinical evidence. <i>British Journal of Pharmacology</i> , 2021, , .	5.4	2
9	<i>KCNQ3</i> is the principal target of retigabine in CA1 and subicular excitatory neurons. <i>Journal of Neurophysiology</i> , 2021, 125, 1440-1449.	1.8	6
10	Generation of an iPSC line (UNINAI001-A) from a girl with neonatal-onset epilepsy and non-syndromic intellectual disability carrying the homozygous <i>KCNQ3</i> p.PHE534ILEfs*15 variant and of an iPSC line (UNINAI002-A) from a non-carrier, unaffected brother. <i>Stem Cell Research</i> , 2021, 53, 102311.	0.7	4
11	“One Health” Approach for Health Innovation and Active Aging in Campania (Italy). <i>Frontiers in Public Health</i> , 2021, 9, 658959.	2.7	8
12	Synthesis and Pharmacological Characterization of Conformationally Restricted Retigabine Analogues as Novel Neuronal Kv7 Channel Activators. <i>Journal of Medicinal Chemistry</i> , 2020, 63, 163-185.	6.4	20
13	A Novel Kv7.3 Variant in the Voltage-Sensing S4 Segment in a Family With Benign Neonatal Epilepsy: Functional Characterization and in vitro Rescue by β -Hydroxybutyrate. <i>Frontiers in Physiology</i> , 2020, 11, 1040.	2.8	7
14	Gabapentin treatment in a patient with <i>KCNQ2</i> developmental epileptic encephalopathy. <i>Pharmacological Research</i> , 2020, 160, 105200.	7.1	7
15	The Role of Kv7.2 in Neurodevelopment: Insights and Gaps in Our Understanding. <i>Frontiers in Physiology</i> , 2020, 11, 570588.	2.8	35
16	A micro-bioimpedance meter for monitoring insulin bioavailability in personalized diabetes therapy. <i>Scientific Reports</i> , 2020, 10, 13656.	3.3	12
17	Calcium cytotoxicity sensitizes prostate cancer cells to standard-of-care treatments for locally advanced tumors. <i>Cell Death and Disease</i> , 2020, 11, 1039.	6.3	20
18	Epileptic channelopathies caused by neuronal Kv7 (<i>KCNQ</i>) channel dysfunction. <i>Pflugers Archiv European Journal of Physiology</i> , 2020, 472, 881-898.	2.8	62

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19	Neurobiology of coronaviruses: Potential relevance for COVID-19. <i>Neurobiology of Disease</i> , 2020, 143, 105007.	4.4	42
20	Genotype-phenotype correlations in patients with de novo <i>KCNQ2</i> pathogenic variants. <i>Neurology: Genetics</i> , 2020, 6, e528.	1.9	24
21	Management of epilepsy in elderly. <i>Journal of Gerontology and Geriatrics</i> , 2020, 68, 31-39.	0.5	0
22	Epileptic Encephalopathy In A Patient With A Novel Variant In The Kv7.2 S2 Transmembrane Segment: Clinical, Genetic, and Functional Features. <i>International Journal of Molecular Sciences</i> , 2019, 20, 3382.	4.1	17
23	Cardiac safety of second-generation H ₁ antihistamines when up dosed in chronic spontaneous urticaria. <i>Clinical and Experimental Allergy</i> , 2019, 49, 1615-1623.	2.9	33
24	Insights into the pathogenesis of ATP1A1 related CMT disease using patient-specific iPSCs. <i>Journal of the Peripheral Nervous System</i> , 2019, 24, 330-339.	3.1	4
25	A novel homozygous <i>KCNQ3</i> loss-of-function variant causes non-syndromic intellectual disability and neonatal-onset pharmacodependent epilepsy. <i>Epilepsia Open</i> , 2019, 4, 464-475.	2.4	29
26	Activation of Kv7 Potassium Channels Inhibits Intracellular Ca ²⁺ Increases Triggered By TRPV1-Mediated Pain-Inducing Stimuli in F11 Immortalized Sensory Neurons. <i>International Journal of Molecular Sciences</i> , 2019, 20, 4322.	4.1	8
27	Autism and developmental disability caused by <i>KCNQ3</i> gain-of-function variants. <i>Annals of Neurology</i> , 2019, 86, 181-192.	5.3	73
28	Physical exercise for prevention of dementia (EPD) study: background, design and methods. <i>BMC Public Health</i> , 2019, 19, 659.	2.9	53
29	Gender-related issues in the pharmacology of new anti-obesity drugs. <i>Obesity Reviews</i> , 2019, 20, 375-384.	6.5	28
30	A novel mutation in <i>KCNQ3</i> related benign familial neonatal epilepsy: electroclinical features and neurodevelopmental outcome. <i>Epileptic Disorders</i> , 2019, 21, 87-91.	1.3	10
31	Kv7.3 Compound Heterozygous Variants in Early Onset Encephalopathy Reveal Additive Contribution of C-Terminal Residues to PIP2-Dependent K ⁺ Channel Gating. <i>Molecular Neurobiology</i> , 2018, 55, 7009-7024.	4.0	21
32	Non-invasive real-time in-vivo monitoring of insulin absorption from subcutaneous tissues. <i>Journal of Physics: Conference Series</i> , 2018, 1065, 132008.	0.4	4
33	Identification of a Potent Tryptophan-Based TRPM8 Antagonist With in Vivo Analgesic Activity. <i>Journal of Medicinal Chemistry</i> , 2018, 61, 6140-6152.	6.4	31
34	Comparative Safety of Originator and Biosimilar Epoetin Alfa Drugs: An Observational Prospective Multicenter Study. <i>BioDrugs</i> , 2018, 32, 367-375.	4.6	9
35	De novo gain-of-function variants in <i>KCNT2</i> as a novel cause of developmental and epileptic encephalopathy. <i>Annals of Neurology</i> , 2018, 83, 1198-1204.	5.3	41
36	Early Treatment with Quinidine in 2 Patients with Epilepsy of Infancy with Migrating Focal Seizures (EIMFS) Due to Gain-of-Function <i>KCNT1</i> Mutations: Functional Studies, Clinical Responses, and Critical Issues for Personalized Therapy. <i>Neurotherapeutics</i> , 2018, 15, 1112-1126.	4.4	56

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37	Pharmacological Targeting of Neuronal Kv7.2/3 Channels: A Focus on Chemotypes and Receptor Sites. <i>Current Medicinal Chemistry</i> , 2018, 25, 2637-2660.	2.4	43
38	Neonatal nonepileptic myoclonus is a prominent clinical feature of <i>KCNQ2</i> gain-of-function variants R201C and R201H. <i>Epilepsia</i> , 2017, 58, 436-445.	5.1	80
39	Effects of natural and synthetic isothiocyanate-based H ₂ S-releasers against chemotherapy-induced neuropathic pain: Role of Kv7 potassium channels. <i>Neuropharmacology</i> , 2017, 121, 49-59.	4.1	90
40	Infantile spasms and encephalopathy without preceding neonatal seizures caused by <i>KCNQ2</i> R198Q, a gain-of-function variant. <i>Epilepsia</i> , 2017, 58, e10-e15.	5.1	81
41	Differential Regulation of PI(4,5)P ₂ Sensitivity of Kv7.2 and Kv7.3 Channels by Calmodulin. <i>Frontiers in Molecular Neuroscience</i> , 2017, 10, 117.	2.9	14
42	Early-onset epileptic encephalopathy caused by a reduced sensitivity of Kv7.2 potassium channels to phosphatidylinositol 4,5-bisphosphate. <i>Scientific Reports</i> , 2016, 6, 38167.	3.3	40
43	Rapid and safe response to low-dose carbamazepine in neonatal epilepsy. <i>Epilepsia</i> , 2016, 57, 2019-2030.	5.1	92
44	<i>KCNQ2</i> encephalopathy. <i>Neurology: Genetics</i> , 2016, 2, e96.	1.9	196
45	β-Adrenergic response is counteracted by extremely-low-frequency pulsed electromagnetic fields in beating cardiomyocytes. <i>Journal of Molecular and Cellular Cardiology</i> , 2016, 98, 146-158.	1.9	9
46	Characterization of two de novo KCNT1 mutations in children with malignant migrating partial seizures in infancy. <i>Molecular and Cellular Neurosciences</i> , 2016, 72, 54-63.	2.2	77
47	Tryptamine-Based Derivatives as Transient Receptor Potential Melastatin Type 8 (TRPM8) Channel Modulators. <i>Journal of Medicinal Chemistry</i> , 2016, 59, 2179-2191.	6.4	40
48	Expression and function of Kv7.4 channels in rat cardiac mitochondria: possible targets for cardioprotection. <i>Cardiovascular Research</i> , 2016, 110, 40-50.	3.8	65
49	Molecular pathophysiology and pharmacology of the voltage-sensing module of neuronal ion channels. <i>Frontiers in Cellular Neuroscience</i> , 2015, 9, 259.	3.7	13
50	A novel <i>KCNQ3</i> mutation in familial epilepsy with focal seizures and intellectual disability. <i>Epilepsia</i> , 2015, 56, e15-20.	5.1	66
51	Epilepsy-causing mutations in Kv7.2 C-terminus affect binding and functional modulation by calmodulin. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2015, 1852, 1856-1866.	3.8	40
52	Early-Onset Epileptic Encephalopathy Caused by Gain-of-Function Mutations in the Voltage Sensor of K _v 7.2 and K _v 7.3 Potassium Channel Subunits. <i>Journal of Neuroscience</i> , 2015, 35, 3782-3793.	3.6	151
53	Protective Role of Kv7 Channels in Oxygen and Glucose Deprivation-Induced Damage in Rat Caudate Brain Slices. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2015, 35, 1593-1600.	4.3	11
54	PIP ₂ and Surface Expression Underlie Apo-Calmodulin Dependent Kv7.2/KCNQ2 Current Potentiation. <i>Biophysical Journal</i> , 2015, 108, 349a.	0.5	0

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55	Novel <i>KCNQ2</i> and <i>KCNQ3</i> Mutations in a Large Cohort of Families with Benign Neonatal Epilepsy: First Evidence for an Altered Channel Regulation by Syntaxin-1A. <i>Human Mutation</i> , 2014, 35, 356-367.	2.5	82
56	Calcium-Independent Potentiation of Kv7.2 Current Density by Calmodulin. <i>Biophysical Journal</i> , 2014, 106, 141a-142a.	0.5	0
57	Functional and biochemical interaction between PPAR α receptors and TRPV1 channels: Potential role in PPAR α agonists-mediated analgesia. <i>Pharmacological Research</i> , 2014, 87, 113-122.	7.1	33
58	Large Conductance Calcium-Activated Potassium Channels: Their Expression and Modulation of Glutamate Release from Nerve Terminals Isolated from Rat Trigeminal Caudal Nucleus and Cerebral Cortex. <i>Neurochemical Research</i> , 2014, 39, 901-910.	3.3	19
59	Critical role of large-conductance calcium- and voltage-activated potassium channels in leptin-induced neuroprotection of N-methyl-d-aspartate-exposed cortical neurons. <i>Pharmacological Research</i> , 2014, 87, 80-86.	7.1	19
60	The endocannabinoid 2-AG controls skeletal muscle cell differentiation via CB1 receptor-dependent inhibition of K _v 7 channels. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, E2472-81.	7.1	75
61	The Ever Changing Moods of Calmodulin: How Structural Plasticity Entails Transductional Adaptability. <i>Journal of Molecular Biology</i> , 2014, 426, 2717-2735.	4.2	87
62	Genetic testing in benign familial epilepsies of the first year of life: Clinical and diagnostic significance. <i>Epilepsia</i> , 2013, 54, 425-436.	5.1	110
63	Subtype-Selective Activation of K _v 7 Channels by AaTXK α , a Novel Toxin Variant from the <i>Androctonus australis</i> Scorpion Venom. <i>Molecular Pharmacology</i> , 2013, 84, 763-773.	2.3	14
64	Expression and motor functional roles of voltage-dependent type 7 K ⁺ channels in the human taenia coli. <i>European Journal of Pharmacology</i> , 2013, 721, 12-20.	3.5	10
65	Isoxazole derivatives as potent transient receptor potential melastatin type 8 (TRPM8) agonists. <i>European Journal of Medicinal Chemistry</i> , 2013, 69, 659-669.	5.5	22
66	Vasorelaxation by hydrogen sulphide involves activation of Kv7 potassium channels. <i>Pharmacological Research</i> , 2013, 70, 27-34.	7.1	105
67	Activation and desensitization of TRPV1 channels in sensory neurons by the PPAR α agonist palmitoylethanolamide. <i>British Journal of Pharmacology</i> , 2013, 168, 1430-1444.	5.4	118
68	Addressing the use of PDIF-CN2 molecules in the development of n-type organic field-effect transistors for biosensing applications. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2013, 1830, 4365-4373.	2.4	22
69	New advances in beta-blocker therapy in heart failure. <i>Frontiers in Physiology</i> , 2013, 4, 323.	2.8	56
70	Genotype-phenotype correlations in neonatal epilepsies caused by mutations in the voltage sensor of K _v 7.2 potassium channel subunits. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 4386-4391.	7.1	154
71	Specification of skeletal muscle differentiation by repressor element-1 silencing transcription factor (REST)-regulated K _v 7.4 potassium channels. <i>Molecular Biology of the Cell</i> , 2013, 24, 274-284.	2.1	42
72	Molecular and pharmacological evidence for a facilitatory functional role of pre-synaptic GLUK 2/3 kainate receptors on GABA release in rat trigeminal caudal nucleus. <i>European Journal of Pain</i> , 2012, 16, 1148-1157.	2.8	2

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73	Gating Currents from Kv7 Channels Carrying Neuronal Hyperexcitability Mutations in the Voltage-Sensing Domain. <i>Biophysical Journal</i> , 2012, 102, 1372-1382.	0.5	42
74	Cell viability studies and operation in cellular culture medium of n-type organic field-effect transistors. <i>Journal of Applied Physics</i> , 2012, 111, 034702.	2.5	9
75	Amyloid- β Protein Precursor Regulates Phosphorylation and Cellular Compartmentalization of Microtubule Associated Protein Tau. <i>Journal of Alzheimer's Disease</i> , 2012, 29, 211-227.	2.6	19
76	KV7 channels regulate muscle tone and nonadrenergic noncholinergic relaxation of the rat gastric fundus. <i>Pharmacological Research</i> , 2011, 64, 397-409.	7.1	31
77	Gating Currents from Neuronal KV7 Channels Carrying BFNS-Causing Mutations in the S4 Segment of the Voltage Sensing Domain. <i>Biophysical Journal</i> , 2011, 100, 426a.	0.5	0
78	Involvement of inward rectifier and M-type currents in carbachol-induced epileptiform synchronization. <i>Neuropharmacology</i> , 2011, 60, 653-661.	4.1	12
79	The Voltage-Sensing Domain of Kv7.2 Channels as a Molecular Target for Epilepsy-Causing Mutations and Anticonvulsants. <i>Frontiers in Pharmacology</i> , 2011, 2, 2.	3.5	24
80	Driving With No Brakes: Molecular Pathophysiology of Kv7 Potassium Channels. <i>Physiology</i> , 2011, 26, 365-376.	3.1	118
81	A new Italian FHM2 family: Clinical aspects and functional analysis of the disease-associated mutation. <i>Cephalalgia</i> , 2011, 31, 808-819.	3.9	27
82	Pre α synaptic BK channels selectively control glutamate versus GABA release from cortical and hippocampal nerve terminals. <i>Journal of Neurochemistry</i> , 2010, 115, 411-422.	3.9	43
83	Neuronal potassium channel openers in the management of epilepsy: role and potential of retigabine. <i>Clinical Pharmacology: Advances and Applications</i> , 2010, 2, 225.	1.2	23
84	Expression, Localization, and Pharmacological Role of K _v 7 Potassium Channels in Skeletal Muscle Proliferation, Differentiation, and Survival after Myotoxic Insults. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2010, 332, 811-820.	2.5	65
85	AMPA- and P2X7-receptor-mediated facilitation of [3H]d-aspartate release from nerve terminals isolated from the rat caudal brainstem. <i>Neurochemistry International</i> , 2010, 57, 623-628.	3.8	10
86	Tertiapin. , 2010, , 1-6.		0
87	Mepivacaine. , 2010, , 1-9.		0
88	Sipatrigine. , 2010, , 1-9.		0
89	Dequalinium. , 2009, , 1-4.		0
90	Barium. , 2009, , 1-8.		0

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91	Coupling between the voltage-sensing and phosphatase domains of Ci-VSP. Journal of General Physiology, 2009, 134, 5-14.	1.9	63
92	Neutralization of a unique, negatively-charged residue in the voltage sensor of KV7.2 subunits in a sporadic case of benign familial neonatal seizures. Neurobiology of Disease, 2009, 34, 501-510.	4.4	25
93	Corrigendum to "Neutralization of a unique, negatively-charged residue in the voltage sensor of KV7.2 subunits in a sporadic case of benign familial neonatal seizures" [Neurobiol. Dis. 34 (2009) 501-510]. Neurobiology of Disease, 2009, 35, 318.	4.4	4
94	Activation of pre-synaptic M-type K ⁺ channels inhibits [Ca ²⁺] _H aspartate release by reducing Ca ²⁺ entry through P/Q-type voltage-gated Ca ²⁺ channels. Journal of Neurochemistry, 2009, 109, 168-181.	3.9	25
95	Calyculin. , 2009, , 1-4.		0
96	Gating currents from neuronal Kv7 channels. Biophysical Journal, 2009, 96, 656a.	0.5	0
97	Gating currents from neuronal K _V 7.4 Channels: General features and correlation with the ionic conductance. Channels, 2009, 3, 277-286.	2.8	28
98	Hexamethonium. , 2009, , 1-5.		0
99	Clofilium. , 2009, , 1-6.		0
100	1-Ethyl-Benzimidazolinone. , 2009, , 1-4.		0
101	Pi1-NH2. , 2009, , 1-3.		0
102	Paxilline. , 2009, , 1-5.		0
103	Ts kappa. , 2009, , 1-4.		0
104	Stromatopelma Toxin. , 2009, , 1-3.		0
105	Po5. , 2009, , 1-3.		0
106	BMS-204352. , 2009, , 1-6.		0
107	Slotoxin. , 2009, , 1-3.		0
108	4-Aminopyridine. , 2009, , 1-7.		0

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109	Lei-Dab 7. , 2009, , 1-6.		0
110	Gating currents from neuronal K(V)7.4 channels: general features and correlation with the ionic conductance. <i>Channels</i> , 2009, 3, 274-83.	2.8	22
111	Low expression of Kv7/M channels facilitates intrinsic and network bursting in the developing rat hippocampus. <i>Journal of Physiology</i> , 2008, 586, 5437-5453.	2.9	61
112	Gating Consequences of Charge Neutralization of Arginine Residues in the S4 Segment of Kv7.2, an Epilepsy-Linked K ⁺ Channel Subunit. <i>Biophysical Journal</i> , 2008, 95, 2254-2264.	0.5	36
113	Molecular pharmacology and therapeutic potential of neuronal Kv7-modulating drugs. <i>Current Opinion in Pharmacology</i> , 2008, 8, 65-74.	3.5	140
114	Cardiotoxic Effects of Antihistamines: From Basics to Clinics (and Back). <i>Chemical Research in Toxicology</i> , 2008, 21, 997-1004.	3.3	20
115	HYPEREKPLEXIA CAUSED BY DOMINANT-NEGATIVE SUPPRESSION OF GLYRA1 FUNCTION. <i>Neurology</i> , 2007, 68, 1947-1949.	1.1	10
116	Correlating the Clinical and Genetic Features of Benign Familial Neonatal Seizures (BFNS) with the Functional Consequences of Underlying Mutations. <i>Channels</i> , 2007, 1, 228-233.	2.8	29
117	Up-Regulation and Increased Activity of KV3.4 Channels and Their Accessory Subunit MinK-Related Peptide 2 Induced by Amyloid Peptide Are Involved in Apoptotic Neuronal Death. <i>Molecular Pharmacology</i> , 2007, 72, 665-673.	2.3	75
118	Atypical Gating Of M-Type Potassium Channels Conferred by Mutations in Uncharged Residues in the S4 Region of KCNQ2 Causing Benign Familial Neonatal Convulsions. <i>Journal of Neuroscience</i> , 2007, 27, 4919-4928.	3.6	49
119	Involvement of KCNQ2 subunits in [3H]dopamine release triggered by depolarization and pre-synaptic muscarinic receptor activation from rat striatal synaptosomes. <i>Journal of Neurochemistry</i> , 2007, 102, 179-193.	3.9	51
120	Human neoplastic mesothelial cells express voltage-gated sodium channels involved in cell motility. <i>International Journal of Biochemistry and Cell Biology</i> , 2006, 38, 1146-1159.	2.8	51
121	Retigabine and flupirtine exert neuroprotective actions in organotypic hippocampal cultures. <i>Neuropharmacology</i> , 2006, 51, 283-294.	4.1	75
122	Mutational scanning of potassium, sodium and chloride ion channels in malignant migrating partial seizures in infancy. <i>Brain and Development</i> , 2006, 28, 76-79.	1.1	70
123	Decreased Subunit Stability as a Novel Mechanism for Potassium Current Impairment by a KCNQ2 C Terminus Mutation Causing Benign Familial Neonatal Convulsions. <i>Journal of Biological Chemistry</i> , 2006, 281, 418-428.	3.4	58
124	Nuclear factor- κ B activation by reactive oxygen species mediates voltage-gated K ⁺ current enhancement by neurotoxic β 2-amyloid peptides in nerve growth factor-differentiated PC-12 cells and hippocampal neurones. <i>Journal of Neurochemistry</i> , 2005, 94, 572-586.	3.9	41
125	A γ +LAT-1 mutant protein interferes with γ +LAT-2 activity: implications for the molecular pathogenesis of lysinuric protein intolerance. <i>European Journal of Human Genetics</i> , 2005, 13, 628-634.	2.8	21
126	Lysinuric protein intolerance: identification and functional analysis of mutations of the SLC7A7 gene. <i>Human Mutation</i> , 2005, 25, 410-410.	2.5	19

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127	Functional analysis of novel KCNQ2 and KCNQ3 gene variants found in a large pedigree with benign familial neonatal convulsions (BFNC). <i>Neurogenetics</i> , 2005, 6, 185-193.	1.4	26
128	M Channels Containing KCNQ2 Subunits Modulate Norepinephrine, Aspartate, and GABA Release from Hippocampal Nerve Terminals. <i>Journal of Neuroscience</i> , 2004, 24, 592-597.	3.6	158
129	A Novel Hyperekplexia-causing Mutation in the Pre-transmembrane Segment 1 of the Human Glycine Receptor $\alpha 1$ Subunit Reduces Membrane Expression and Impairs Gating by Agonists. <i>Journal of Biological Chemistry</i> , 2004, 279, 25598-25604.	3.4	49
130	First- and second-generation H1 antihistamines: from the molecular basis of their interaction with HERG K ⁺ channels to physiological and pathophysiological implication. <i>Clinical and Experimental Allergy Reviews</i> , 2004, 4, 183-190.	0.3	2
131	Discussuion Session 7. Treatment and prevention of asthma and allergic disorders. <i>Clinical and Experimental Allergy Reviews</i> , 2004, 4, 191-193.	0.3	0
132	A novel mutation in KCNQ2 associated with BFNC, drug resistant epilepsy, and mental retardation. <i>Neurology</i> , 2004, 63, 57-65.	1.1	146
133	Differential expression of the Na ⁺ -Ca ²⁺ exchanger transcripts and proteins in rat brain regions. <i>Journal of Comparative Neurology</i> , 2003, 461, 31-48.	1.6	106
134	Expression pattern of the ether-a-gogo-related (ERG) k ⁺ channel-encoding genes ERG1, ERG2, and ERG3 in the adult rat central nervous system. <i>Journal of Comparative Neurology</i> , 2003, 466, 119-135.	1.6	95
135	Consensus group on newâ€‘generation antihistamines (CONGA): present status and recommendations. <i>Clinical and Experimental Allergy</i> , 2003, 33, 1305-1324.	2.9	161
136	A novel KCNQ2 K ⁺ channel mutation in benign neonatal convulsions and centrotemporal spikes. <i>Neurology</i> , 2003, 61, 131-134.	1.1	57
137	Heterologous Expression Systems and Screening Technologies in Ion Channel Drug Discovery. , 2003, , 227-244.		2
138	Histidines 578 and 587 in the S5-S6Linker of the Human Ether-a-gogo Related Gene-1K ⁺ Channels Confer Sensitivity to Reactive Oxygen Species. <i>Journal of Biological Chemistry</i> , 2002, 277, 8912-8919.	3.4	13
139	Modulation of ion channels by reactive oxygen and nitrogen species: a pathophysiological role in brain aging?. <i>Neurobiology of Aging</i> , 2002, 23, 819-834.	3.1	111
140	Benign Familial Neonatal Convulsions Caused by Altered Gating of KCNQ2/KCNQ3 Potassium Channels. <i>Journal of Neuroscience</i> , 2002, 22, RC199-RC199.	3.6	120
141	H ₁ -antihistamines: inverse agonism, anti-inflammatory actions and cardiac effects. <i>Clinical and Experimental Allergy</i> , 2002, 32, 489-498.	2.9	388
142	Brain Distribution of the Na ⁺ /Ca ²⁺ Exchangerâ€‘Encoding Genes NCX1, NCX2, and NCX3 and Their Related Proteins in the Central Nervous System. <i>Annals of the New York Academy of Sciences</i> , 2002, 976, 394-404.	3.8	76
143	DPC-423 Bristol-Myers Squibb. <i>Current Opinion in Investigational Drugs</i> , 2002, 3, 252-4.	2.3	1
144	New Insights into the Second Generation Antihistamines. <i>Drugs</i> , 2001, 61, 207-236.	10.9	85

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145	Janus face™ of nitric oxide action on plasma membrane and intracellular ionic channels. Archives of Gerontology and Geriatrics, 2001, 33, 379-394.	3.0	2
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