

Mark T Nelson

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.

127
papers

8,388
citations

48
h-index

91
g-index

147
ext. papers

9,331
ext. citations

7.6
avg, IF

5.98
L-index

#	Paper	IF	Citations
127	Piezo1 is a mechanosensor channel in CNS capillaries. <i>Journal of General Physiology</i> , 2022 , 154,	3.4	2
126	Enhanced Vascular Contractility Following Secondhand Smoke Exposure: A Pathological "Double-hit" to Critical Smooth Muscle Ion Channels.. <i>Function</i> , 2022 , 3, zqab061	6.1	
125	Adenosine signaling activates ATP-sensitive K channels in endothelial cells and pericytes in CNS capillaries.. <i>Science Signaling</i> , 2022 , 15, eabl5405	8.8	3
124	Piezo1 Is a Mechanosensor Channel in Central Nervous System Capillaries.. <i>Circulation Research</i> , 2022 , 101161CIRCRESAHA122320827	15.7	4
123	Genetic ablation of smooth muscle K2.1 is inconsequential to the function of mouse cerebral arteries.. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2022 , 271678X221093432	7.3	0
122	The Role of PIEZO1 in Urinary Bladder Function and Dysfunction in a Rodent Model of Cyclophosphamide-Induced Cystitis.. <i>Frontiers in Pain Research</i> , 2021 , 2, 748385	1.4	0
121	PIP corrects cerebral blood flow deficits in small vessel disease by rescuing capillary Kir2.1 activity. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021 , 118,	11.5	14
120	Impaired Cerebral Autoregulation After Subarachnoid Hemorrhage: A Quantitative Assessment Using a Mouse Model. <i>Frontiers in Physiology</i> , 2021 , 12, 688468	4.6	3
119	TRPA1 channel: New kid in the Neurovascular coupling town. <i>Cell Calcium</i> , 2021 , 96, 102407	4	
118	Zinc drives vasorelaxation by acting in sensory nerves, endothelium and smooth muscle. <i>Nature Communications</i> , 2021 , 12, 3296	17.4	6
117	Impaired capillary-to-arteriolar electrical signaling after traumatic brain injury. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2021 , 41, 1313-1327	7.3	3
116	PIP Improves Cerebral Blood Flow in a Mouse Model of Alzheimer's Disease. <i>Function</i> , 2021 , 2, zqab010	6.1	15
115	Local IP receptor-mediated Ca signals compound to direct blood flow in brain capillaries. <i>Science Advances</i> , 2021 , 7,	14.3	12
114	Differential restoration of functional hyperemia by antihypertensive drug classes in hypertension-related cerebral small vessel disease. <i>Journal of Clinical Investigation</i> , 2021 , 131,	15.9	6
113	ATP- and voltage-dependent electro-metabolic signaling regulates blood flow in heart. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020 , 117, 7461-7470	11.5	18
112	Reducing Hypermuscularization of the Transitional Segment Between Arterioles and Capillaries Protects Against Spontaneous Intracerebral Hemorrhage. <i>Circulation</i> , 2020 , 141, 2078-2094	16.7	22
111	The capillary Kir channel as sensor and amplifier of neuronal signals: Modeling insights on K-mediated neurovascular communication. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020 , 117, 16626-16637	11.5	18

110	Vascular control of the CO/H-dependent drive to breathe. <i>ELife</i> , 2020 , 9,	8.9	11
109	Disruption of Pressure-Induced Ca Spark Vasoregulation of Resistance Arteries, Rather Than Endothelial Dysfunction, Underlies Obesity-Related Hypertension. <i>Hypertension</i> , 2020 , 75, 539-548	8.5	15
108	Contractile pericytes determine the direction of blood flow at capillary junctions. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020 , 117, 27022-27033	11.5	56
107	PIP: A critical regulator of vascular ion channels hiding in plain sight. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020 , 117, 20378-20389	11.5	19
106	TRPV4 blockade reduces voiding frequency, ATP release, and pelvic sensitivity in mice with chronic urothelial overexpression of NGF. <i>American Journal of Physiology - Renal Physiology</i> , 2019 , 317, F1695-F1706	4.3	7
105	"A Step and a Ceiling": mechanical properties of Ca spark vasoregulation in resistance arteries by pressure-induced oxidative activation of PKG. <i>Physiological Reports</i> , 2019 , 7, e14260	2.6	
104	Transient receptor potential vanilloid-4 channels are involved in diminished myogenic tone in brain parenchymal arterioles in response to chronic hypoperfusion in mice. <i>Acta Physiologica</i> , 2019 , 225, e13181	5.6	6
103	The K _v 7 channel activator retigabine suppresses mouse urinary bladder afferent nerve activity without affecting detrusor smooth muscle K channel currents. <i>Journal of Physiology</i> , 2019 , 597, 935-950	3.9	7
102	The yin and yang of K channels in cerebral small vessel pathologies. <i>Microcirculation</i> , 2018 , 25, e12436	2.9	9
101	Endothelial GqPCR activity controls capillary electrical signaling and brain blood flow through PIP depletion. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018 , 115, E3569-E3577	11.5	38
100	PIP depletion promotes TRPV4 channel activity in mouse brain capillary endothelial cells. <i>ELife</i> , 2018 , 7,	8.9	69
99	Junctional Pericytes Serve as Directional Control Elements in K ⁺ -mediated Functional Hyperemia. <i>FASEB Journal</i> , 2018 , 32, 843.23	0.9	
98	Knockout of Vascular Smooth Muscle Inward-Rectifier K ⁺ Channels Causes Symptoms of Overactive Bladder in Mice. <i>FASEB Journal</i> , 2018 , 32, 770.3	0.9	
97	An In Situ Kidney Slice Model for Studying Angiotensin II- and TRPC5-Mediated Calcium Signaling. <i>FASEB Journal</i> , 2018 , 32, 721.2	0.9	
96	Oxidation of cysteine 117 stimulates constitutive activation of the type II β -adrenergic receptor-dependent protein kinase. <i>Journal of Biological Chemistry</i> , 2018 , 293, 16791-16802	5.4	22
95	TRPV4 and KRAS and FGFR1 gain-of-function mutations drive giant cell lesions of the jaw. <i>Nature Communications</i> , 2018 , 9, 4572	17.4	30
94	Traumatic Brain Injury Causes Endothelial Dysfunction in the Systemic Microcirculation through Arginase-1-Dependent Uncoupling of Endothelial Nitric Oxide Synthase. <i>Journal of Neurotrauma</i> , 2017 , 34, 192-203	5.4	47
93	Inhibition of vascular smooth muscle inward-rectifier K channels restores myogenic tone in mouse urinary bladder arterioles. <i>American Journal of Physiology - Renal Physiology</i> , 2017 , 312, F836-F847	4.3	10

92	Capillary K-sensing initiates retrograde hyperpolarization to increase local cerebral blood flow. <i>Nature Neuroscience</i> , 2017 , 20, 717-726	25.5	240
91	Lack of direct effect of adiponectin on vascular smooth muscle cell BK channels or Ca signaling in the regulation of small artery pressure-induced constriction. <i>Physiological Reports</i> , 2017 , 5, e13337	2.6	8
90	Rhythmic Calcium Events in the Lamina Propria Network of the Urinary Bladder of Rat Pups. <i>Frontiers in Systems Neuroscience</i> , 2017 , 11, 87	3.5	13
89	Purinergic regulation of vascular tone in the retrotrapezoid nucleus is specialized to support the drive to breathe. <i>ELife</i> , 2017 , 6,	8.9	29
88	Pressure-induced oxidative activation of PKG enables vasoregulation by Ca ²⁺ sparks and BK channels. <i>Science Signaling</i> , 2016 , 9, ra100	8.8	29
87	Transient contractions of urinary bladder smooth muscle are drivers of afferent nerve activity during filling. <i>Journal of General Physiology</i> , 2016 , 147, 323-35	3.4	40
86	The K ⁺ channel KIR2.1 functions in tandem with proton influx to mediate sour taste transduction. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016 , 113, E229-38	11.5	85
85	Ion channel networks in the control of cerebral blood flow. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2016 , 36, 492-512	7.3	84
84	Mechanistic insights into a TIMP3-sensitive pathway constitutively engaged in the regulation of cerebral hemodynamics. <i>ELife</i> , 2016 , 5,	8.9	42
83	Inward rectifier potassium (Kir2.1) channels as end-stage boosters of endothelium-dependent vasodilators. <i>Journal of Physiology</i> , 2016 , 594, 3271-85	3.9	67
82	Purinergic signalling underlies transforming growth factor- β -mediated bladder afferent nerve hyperexcitability. <i>Journal of Physiology</i> , 2016 , 594, 3575-88	3.9	12
81	Reducing Timp3 or vitronectin ameliorates disease manifestations in CADASIL mice. <i>Annals of Neurology</i> , 2016 , 79, 387-403	9.4	52
80	Pharmacological inhibitors of TRPV4 channels reduce cytokine production, restore endothelial function and increase survival in septic mice. <i>Scientific Reports</i> , 2016 , 6, 33841	4.9	39
79	Gain-of-function mutation in TRPV4 identified in patients with osteonecrosis of the femoral head. <i>Journal of Medical Genetics</i> , 2016 , 53, 705-9	5.8	19
78	Uncoupling of neurovascular communication after transient global cerebral ischemia is caused by impaired parenchymal smooth muscle Kir channel function. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2016 , 36, 1195-201	7.3	17
77	Dysfunction of mouse cerebral arteries during early aging. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2015 , 35, 1445-53	7.3	51
76	Orchestrating Ca ²⁺ influx through Ca(V)1.2 and Ca(V)3.x channels in human cerebral arteries. <i>Journal of General Physiology</i> , 2015 , 145, 481-3	3.4	
75	Social stress in mice induces urinary bladder overactivity and increases TRPV1 channel-dependent afferent nerve activity. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2015 , 309, R629-38	3.2	25

74	Location, Location, Location: Juxtaposed calcium-signaling microdomains as a novel model of the vascular smooth muscle myogenic response. <i>Journal of General Physiology</i> , 2015 , 146, 129-32	3.4	5
73	Potassium channelopathy-like defect underlies early-stage cerebrovascular dysfunction in a genetic model of small vessel disease. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015 , 112, E796-805	11.5	55
72	Vascular inward rectifier K ⁺ channels as external K ⁺ sensors in the control of cerebral blood flow. <i>Microcirculation</i> , 2015 , 22, 183-96	2.9	83
71	Disruption Of Astrocytic Calcium Signaling During Neurovascular Coupling In A Genetic Model Of Small Vessel Disease. <i>FASEB Journal</i> , 2015 , 29, 832.6	0.9	
70	Ca ²⁺ Dynamics and Contraction of Junctional Pericytes in the Retinal Vasculature. <i>FASEB Journal</i> , 2015 , 29, 790.1	0.9	
69	NS19504: a novel BK channel activator with relaxing effect on bladder smooth muscle spontaneous phasic contractions. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2014 , 350, 520-30	4.7	16
68	Stress-induced glucocorticoid signaling remodels neurovascular coupling through impairment of cerebrovascular inwardly rectifying K ⁺ channel function. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014 , 111, 7462-7	11.5	58
67	Social stress induces changes in urinary bladder function, bladder NGF content, and generalized bladder inflammation in mice. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2014 , 307, R893-900	3.2	24
66	AKAP150-dependent cooperative TRPV4 channel gating is central to endothelium-dependent vasodilation and is disrupted in hypertension. <i>Science Signaling</i> , 2014 , 7, ra66	8.8	110
65	A PLC β -dependent, force-sensitive signaling network in the myogenic constriction of cerebral arteries. <i>Science Signaling</i> , 2014 , 7, ra49	8.8	73
64	Vascular TRP channels: performing under pressure and going with the flow. <i>Physiology</i> , 2014 , 29, 343-60	9.8	59
63	In vivo and ex vivo dysfunction of neurovascular coupling in a mouse model of subarachnoid hemorrhage (676.3). <i>FASEB Journal</i> , 2014 , 28, 676.3	0.9	
62	Critical role of Kv channels in cerebrovascular dysfunction associated with ischemic small vessel disease in a mouse genetic model. <i>FASEB Journal</i> , 2013 , 27, 925.7	0.9	
61	Loss of parenchymal arteriolar dilation to K ⁺ contributes to impaired neurovascular coupling in chronic angiotensin II hypertension. <i>FASEB Journal</i> , 2013 , 27, 1186.8	0.9	
60	Impairment of Neurovascular Coupling by Chronic Stress. <i>FASEB Journal</i> , 2013 , 27, 925.9	0.9	
59	Calcium-sensitive potassium channels are not involved in the decreased myogenic tone of posterior cerebral arteries in a genetic model of cerebral ischemic small vessel disease. <i>FASEB Journal</i> , 2013 , 27, lb671	0.9	
58	CEREBRAL VASCULAR DYSFUNCTION FOLLOWING TRAUMATIC BRAIN INJURY. <i>FASEB Journal</i> , 2013 , 27, 875.6	0.9	
57	Increased endothelial calcium signals in cerebral vessels following traumatic brain injury. <i>FASEB Journal</i> , 2013 , 27, 875.9	0.9	

56	Elementary Ca ²⁺ signals through endothelial TRPV4 channels regulate vascular function. <i>Science</i> , 2012 , 336, 597-601	33.3	392
55	Acidosis dilates brain parenchymal arterioles by conversion of calcium waves to sparks to activate BK channels. <i>Circulation Research</i> , 2012 , 110, 285-94	15.7	76
54	Inversion of neurovascular coupling by subarachnoid blood depends on large-conductance Ca ²⁺ -activated K ⁺ (BK) channels. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012 , 109, E1387-95	11.5	81
53	Profound decrease in myogenic tone of parenchymal arterioles in a genetic model of cerebral ischemic small vessel disease. <i>FASEB Journal</i> , 2012 , 26, 685.6	0.9	
52	Calcium signaling in smooth muscle. <i>Cold Spring Harbor Perspectives in Biology</i> , 2011 , 3, a004549	10.2	115
51	Role of ryanodine receptors in acidic pH-induced dilation of brain parenchymal arterioles. <i>FASEB Journal</i> , 2011 , 25, 1024.15	0.9	
50	Elementary TRPV4 Ca ²⁺ events in intact vascular endothelium. <i>FASEB Journal</i> , 2011 , 25, 1082.1	0.9	
49	Functional evidence of TRPV4-mediated Ca ²⁺ signals in cortical astrocytes. <i>FASEB Journal</i> , 2011 , 25, 1024.23	0.9	1
48	Fundamental Change in Neurovascular Coupling after Subarachnoid Hemorrhage. <i>FASEB Journal</i> , 2011 , 25, 1021.9	0.9	
47	A non-anesthetized mouse model for recording sensory urinary bladder activity. <i>Frontiers in Neurology</i> , 2010 , 1, 127	4.1	17
46	Astrocytic endfoot Ca ²⁺ and BK channels determine both arteriolar dilation and constriction. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010 , 107, 3811-6	11.5	227
45	Spinning Disk Confocal Microscopy of Calcium Signalling in Blood Vessel Walls 2010 , 24, 5-8		8
44	Nerve-induced smooth muscle to endothelium signaling in small resistance arteries. <i>FASEB Journal</i> , 2010 , 24, 598.7	0.9	
43	High intravascular pressure decreases endothelial Ca ²⁺ pulsars and impairs endothelium-dependent vasodilation in mouse mesenteric arteries. <i>FASEB Journal</i> , 2010 , 24, 956.6	0.9	
42	Nerve-evoked purinergic signalling suppresses action potentials, Ca ²⁺ flashes and contractility evoked by muscarinic receptor activation in mouse urinary bladder smooth muscle. <i>Journal of Physiology</i> , 2009 , 587, 5275-88	3.9	44
41	Functional architecture of inositol 1,4,5-trisphosphate signaling in restricted spaces of myoendothelial projections. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008 , 105, 9627-32	11.5	211
40	Sarcoplasmic Reticulum and Membrane Currents. <i>Novartis Foundation Symposium</i> , 2008 , 189-207		5
39	Ca ²⁺ pulsars: spatially restricted, IP3R-mediated Ca ²⁺ release important for endothelial function. <i>FASEB Journal</i> , 2008 , 22, 1181.18	0.9	

38	Decreased frequency of transient outward BK currents in cerebral myocytes following subarachnoid hemorrhage. <i>FASEB Journal</i> , 2008 , 22, 965.18	0.9	
37	Basal and ACh-stimulated intracellular Ca ²⁺ signals in intact endothelium originate from IP ₃ -sensitive stores. <i>FASEB Journal</i> , 2007 , 21, A861	0.9	
36	Local potassium signaling couples neuronal activity to vasodilation in the brain. <i>Nature Neuroscience</i> , 2006 , 9, 1397-1403	25.5	420
35	SK channels are involved in the stimulation of intracellular Ca ²⁺ signals by reactive oxygen species (ROS) in intact endothelium. <i>FASEB Journal</i> , 2006 , 20, A1164	0.9	
34	Calcium dynamics in cortical astrocytes and arterioles during neurovascular coupling. <i>Circulation Research</i> , 2004 , 95, e73-81	15.7	201
33	The beta1 subunit of the Ca ²⁺ -sensitive K ⁺ channel protects against hypertension. <i>Journal of Clinical Investigation</i> , 2004 , 113, 955-7	15.9	33
32	Properties and molecular basis of the mouse urinary bladder voltage-gated K ⁺ current. <i>Journal of Physiology</i> , 2003 , 549, 65-74	3.9	62
31	Altered expression of small-conductance Ca ²⁺ -activated K ⁺ (SK ₃) channels modulates arterial tone and blood pressure. <i>Circulation Research</i> , 2003 , 93, 124-31	15.7	273
30	Urinary bladder instability induced by selective suppression of the murine small conductance calcium-activated potassium (SK ₃) channel. <i>Journal of Physiology</i> , 2003 , 551, 893-903	3.9	99
29	Differential regulation of SK and BK channels by Ca(2+) signals from Ca(2+) channels and ryanodine receptors in guinea-pig urinary bladder myocytes. <i>Journal of Physiology</i> , 2002 , 541, 483-92	3.9	99
28	Potassium ions as vasodilators: role of inward rectifier potassium channels. <i>Circulation Research</i> , 2001 , 88, 132-3	15.7	23
27	Voltage dependence of the coupling of Ca(2+) sparks to BK(Ca) channels in urinary bladder smooth muscle. <i>American Journal of Physiology - Cell Physiology</i> , 2001 , 280, C481-90	5.4	89
26	Role of phospholamban in the modulation of arterial Ca(2+) sparks and Ca(2+)-activated K(+) channels by cAMP. <i>American Journal of Physiology - Cell Physiology</i> , 2001 , 281, C1029-37	5.4	84
25	Micromolar Ca(2+) from sparks activates Ca(2+)-sensitive K(+) channels in rat cerebral artery smooth muscle. <i>American Journal of Physiology - Cell Physiology</i> , 2001 , 281, C1769-75	5.4	169
24	Low levels of K(ATP) channel activation decrease excitability and contractility of urinary bladder. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2001 , 280, R1427-33 ^{3.2}		64
23	Swelling-activated cation channels mediate depolarization of rat cerebrovascular smooth muscle by hyposmolarity and intravascular pressure. <i>Journal of Physiology</i> , 2000 , 527 Pt 1, 139-48	3.9	107
22	Actions of histamine on muscle and ganglia of the guinea pig gallbladder. <i>American Journal of Physiology - Renal Physiology</i> , 2000 , 279, G622-30	5.1	22
21	Differential regulation of Ca(2+) sparks and Ca(2+) waves by UTP in rat cerebral artery smooth muscle cells. <i>American Journal of Physiology - Cell Physiology</i> , 2000 , 279, C1528-39	5.4	105

20	Intracellular calcium events activated by ATP in murine colonic myocytes. <i>American Journal of Physiology - Cell Physiology</i> , 2000 , 279, C126-35	5.4	88
19	Regulation of urinary bladder smooth muscle contractions by ryanodine receptors and BK and SK channels. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2000 , 279, R60-8	3.2	129
18	A case for myoendothelial gap junctions. <i>Circulation Research</i> , 2000 , 87, 427-8	15.7	3
17	Vasoregulation by the beta1 subunit of the calcium-activated potassium channel. <i>Nature</i> , 2000 , 407, 870-6	50.4	689
16	Gender differences in coronary artery diameter reflect changes in both endothelial Ca ²⁺ and ecNOS activity. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 1999 , 276, H961-9	5.2	54
15	Functional coupling of ryanodine receptors to KCa channels in smooth muscle cells from rat cerebral arteries. <i>Journal of General Physiology</i> , 1999 , 113, 229-38	3.4	248
14	Kir2.1 encodes the inward rectifier potassium channel in rat arterial smooth muscle cells. <i>Journal of Physiology</i> , 1999 , 515 (Pt 3), 639-51	3.9	110
13	Regulation of arterial diameter and wall [Ca ²⁺] in cerebral arteries of rat by membrane potential and intravascular pressure. <i>Journal of Physiology</i> , 1998 , 508 (Pt 1), 199-209	3.9	514
12	Ryanodine receptors regulate arterial diameter and wall [Ca ²⁺] in cerebral arteries of rat via Ca ²⁺ -dependent K ⁺ channels. <i>Journal of Physiology</i> , 1998 , 508 (Pt 1), 211-21	3.9	219
11	Bayliss, myogenic tone and volume-regulated chloride channels in arterial smooth muscle. <i>Journal of Physiology</i> , 1998 , 507 (Pt 3), 629	3.9	26
10	Ontogeny of local sarcoplasmic reticulum Ca ²⁺ signals in cerebral arteries: Ca ²⁺ sparks as elementary physiological events. <i>Circulation Research</i> , 1998 , 83, 1104-14	15.7	99
9	Frequency modulation of Ca ²⁺ sparks is involved in regulation of arterial diameter by cyclic nucleotides. <i>American Journal of Physiology - Cell Physiology</i> , 1998 , 274, C1346-55	5.4	180
8	Voltage dependence of Ca ²⁺ sparks in intact cerebral arteries. <i>American Journal of Physiology - Cell Physiology</i> , 1998 , 274, C1755-61	5.4	128
7	Activators of protein kinase C decrease Ca ²⁺ spark frequency in smooth muscle cells from cerebral arteries. <i>American Journal of Physiology - Cell Physiology</i> , 1997 , 273, C2090-5	5.4	109
6	Chloride channel blockers inhibit myogenic tone in rat cerebral arteries. <i>Journal of Physiology</i> , 1997 , 502 (Pt 2), 259-64	3.9	151
5	Increased myogenic tone and diminished responsiveness to ATP-sensitive K ⁺ channel openers in cerebral arteries from diabetic rats. <i>Circulation Research</i> , 1997 , 81, 996-1004	15.7	89
4	Zeneca ZD6169 activates ATP-sensitive K ⁺ channels in the urinary bladder of the guinea pig. <i>Pharmacology</i> , 1996 , 53, 170-9	2.3	14
3	Arterial dilations in response to calcitonin gene-related peptide involve activation of K ⁺ channels. <i>Nature</i> , 1990 , 344, 770-3	50.4	401

2	Noradrenaline contracts arteries by activating voltage-dependent calcium channels. <i>Nature</i> , 1988 , 336, 382-5	50.4	301
1	Electro-Metabolic Sensing Through Capillary ATP-Sensitive K ⁺ Channels and Adenosine to Control Cerebral Blood Flow		1