

# Hugh Bostock

## List of Publications by Citations

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225  
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g-index

234  
ext. papers

12,259  
ext. citations

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6.12  
L-index

#	Paper	IF	Citations
225	Nerve excitability changes in critical illness polyneuropathy. <i>Brain</i> , <b>2006</b> , 129, 2461-70	11.2	592
224	Threshold tracking techniques in the study of human peripheral nerve. <i>Muscle and Nerve</i> , <b>1998</b> , 21, 137-58	5.4	421
223	Multiple measures of axonal excitability: a new approach in clinical testing. <i>Muscle and Nerve</i> , <b>2000</b> , 23, 399-409	3.4	352
222	Excitability of human axons. <i>Clinical Neurophysiology</i> , <b>2001</b> , 112, 1575-85	4.3	339
221	Two phases of intracortical inhibition revealed by transcranial magnetic threshold tracking. <i>Experimental Brain Research</i> , <b>2002</b> , 143, 240-8	2.3	298
220	Function and distribution of three types of rectifying channel in rat spinal root myelinated axons. <i>Journal of Physiology</i> , <b>1987</b> , 383, 45-67	3.9	278
219	Effects of 4-aminopyridine on normal and demyelinated mammalian nerve fibres. <i>Nature</i> , <b>1980</b> , 283, 570-2	50.4	271
218	The effects of 4-aminopyridine and tetraethylammonium ions on normal and demyelinated mammalian nerve fibres. <i>Journal of Physiology</i> , <b>1981</b> , 313, 301-15	3.9	269
217	The internodal axon membrane: electrical excitability and continuous conduction in segmental demyelination. <i>Journal of Physiology</i> , <b>1978</b> , 280, 273-301	3.9	255
216	Effects of membrane polarization and ischaemia on the excitability properties of human motor axons. <i>Brain</i> , <b>2000</b> , 123 Pt 12, 2542-51	11.2	236
215	Latent addition in motor and sensory fibres of human peripheral nerve. <i>Journal of Physiology</i> , <b>1997</b> , 498 ( Pt 1), 277-94	3.9	218
214	Activity-dependent excitability changes in normal and demyelinated rat spinal root axons. <i>Journal of Physiology</i> , <b>1985</b> , 365, 239-57	3.9	204
213	Altered axonal excitability properties in amyotrophic lateral sclerosis: impaired potassium channel function related to disease stage. <i>Brain</i> , <b>2006</b> , 129, 953-62	11.2	196
212	Action potentials and membrane currents in the human node of Ranvier. <i>Pflugers Archiv European Journal of Physiology</i> , <b>1995</b> , 430, 283-92	4.6	194
211	KCNQ channels mediate IKs, a slow K <sup>+</sup> current regulating excitability in the rat node of Ranvier. <i>Journal of Physiology</i> , <b>2006</b> , 573, 17-34	3.9	170
210	Hyperexcitable C nociceptors in fibromyalgia. <i>Annals of Neurology</i> , <b>2014</b> , 75, 196-208	9.4	164
209	The strength-duration relationship for excitation of myelinated nerve: computed dependence on membrane parameters. <i>Journal of Physiology</i> , <b>1983</b> , 341, 59-74	3.9	154

208	Axonal ion channel dysfunction in amyotrophic lateral sclerosis. <i>Brain</i> , <b>1995</b> , 118 ( Pt 1), 217-25	11.2	150
207	Evidence for axonal membrane hyperpolarization in multifocal motor neuropathy with conduction block. <i>Brain</i> , <b>2002</b> , 125, 664-75	11.2	148
206	Changes in excitability of human motor axons underlying post-ischaemic fasciculations: evidence for two stable states. <i>Journal of Physiology</i> , <b>1991</b> , 441, 537-57	3.9	147
205	Activity-dependent slowing of conduction differentiates functional subtypes of C fibres innervating human skin. <i>Journal of Physiology</i> , <b>1999</b> , 515 ( Pt 3), 799-811	3.9	146
204	Differences in behaviour of sensory and motor axons following release of ischaemia. <i>Brain</i> , <b>1994</b> , 117 ( Pt 2), 225-34	11.2	146
203	Saltatory conduction precedes remyelination in axons demyelinated with lysophosphatidyl choline. <i>Journal of the Neurological Sciences</i> , <b>1982</b> , 54, 13-31	3.2	146
202	Acute tetrodotoxin-induced neurotoxicity after ingestion of puffer fish. <i>Annals of Neurology</i> , <b>2005</b> , 57, 339-48	9.4	145
201	Evidence for two types of potassium channel in human motor axons in vivo. <i>Brain Research</i> , <b>1988</b> , 462, 354-8	3.7	142
200	Slowly conducting afferents activated by innocuous low temperature in human skin. <i>Journal of Physiology</i> , <b>2001</b> , 535, 855-65	3.9	139
199	Clinical evaluation of excitability measures in sensory nerve. <i>Muscle and Nerve</i> , <b>2001</b> , 24, 883-92	3.4	128
198	Microneurographic identification of spontaneous activity in C-nociceptors in neuropathic pain states in humans and rats. <i>Pain</i> , <b>2012</b> , 153, 42-55	8	127
197	Continuous conduction in demyelinated mammalian nerve fibers. <i>Nature</i> , <b>1976</b> , 263, 786-7	50.4	127
196	Effects of temperature on the excitability properties of human motor axons. <i>Brain</i> , <b>2001</b> , 124, 816-25	11.2	119
195	Low-threshold, persistent sodium current in rat large dorsal root ganglion neurons in culture. <i>Journal of Neurophysiology</i> , <b>1997</b> , 77, 1503-13	3.2	114
194	Strength-duration properties of sensory and motor axons in amyotrophic lateral sclerosis. <i>Brain</i> , <b>1998</b> , 121 ( Pt 5), 851-9	11.2	113
193	Nerve excitability changes in chronic renal failure indicate membrane depolarization due to hyperkalaemia. <i>Brain</i> , <b>2002</b> , 125, 1366-78	11.2	111
192	Hyperexcitable polymodal and insensitive nociceptors in painful human neuropathy. <i>Muscle and Nerve</i> , <b>2005</b> , 32, 459-72	3.4	107
191	Two types of C nociceptors in human skin and their behavior in areas of capsaicin-induced secondary hyperalgesia. <i>Journal of Neurophysiology</i> , <b>2004</b> , 91, 2770-81	3.2	105

190	The voltage dependence of I(h) in human myelinated axons. <i>Journal of Physiology</i> , <b>2012</b> , 590, 1625-40	3.9	104
189	Overcoming conduction failure in demyelinated nerve fibres by prolonging action potentials. <i>Nature</i> , <b>1978</b> , 274, 385-7	50.4	104
188	Post-tetanic excitability changes and ectopic discharges in a human motor axon. <i>Brain</i> , <b>1994</b> , 117 ( Pt 5), 913-28	11.2	102
187	Excitability changes in human sensory and motor axons during hyperventilation and ischaemia. <i>Brain</i> , <b>1997</b> , 120 ( Pt 2), 317-25	11.2	101
186	Altered motor nerve excitability in end-stage kidney disease. <i>Brain</i> , <b>2005</b> , 128, 2164-74	11.2	95
185	Human cutaneous C fibres activated by cooling, heating and menthol. <i>Journal of Physiology</i> , <b>2009</b> , 587, 5633-52	3.9	88
184	Differences in membrane properties of axonal and demyelinating Guillain-Barré syndromes. <i>Annals of Neurology</i> , <b>2002</b> , 52, 180-7	9.4	87
183	Activity-dependent conduction block in multifocal motor neuropathy. <i>Brain</i> , <b>2000</b> , 123 ( Pt 8), 1602-11	11.2	84
182	Excitability properties of motor axons in patients with spontaneous motor unit activity. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , <b>2001</b> , 70, 56-64	5.5	78
181	Abstract of the 68th Meeting (Spring Meeting) 6-9 March 1990, Heidelberg. <i>Pflügers Archiv European Journal of Physiology</i> , <b>1990</b> , 415, R1-R119	4.6	78
180	The spatial distribution of excitability and membrane current in normal and demyelinated mammalian nerve fibres. <i>Journal of Physiology</i> , <b>1983</b> , 341, 41-58	3.9	75
179	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
178	Abnormal axonal inward rectification in diabetic neuropathy. <i>Muscle and Nerve</i> , <b>1996</b> , 19, 1268-75	3.4	73
177	Changes in excitability and accommodation of human motor axons following brief periods of ischaemia. <i>Journal of Physiology</i> , <b>1991</b> , 441, 513-35	3.9	72
176	Nerve excitability properties in Charcot-Marie-Tooth disease type 1A. <i>Brain</i> , <b>2004</b> , 127, 203-11	11.2	71
175	Temperature-dependent double spikes in C-nociceptors of neuropathic pain patients. <i>Brain</i> , <b>2005</b> , 128, 2154-63	11.2	69
174	Ion channels in human axons. <i>Journal of Neurophysiology</i> , <b>1993</b> , 70, 1274-9	3.2	69
173	C-nociceptors sensitized to cold in a patient with small-fiber neuropathy and cold allodynia. <i>Pain</i> , <b>2009</b> , 147, 46-53	8	66

172	Nerve function and dysfunction in acute intermittent porphyria. <i>Brain</i> , <b>2008</b> , 131, 2510-9	11.2	66
171	Excitability properties of median and peroneal motor axons. <i>Muscle and Nerve</i> , <b>2000</b> , 23, 1365-73	3.4	62
170	Human axons contain at least five types of voltage-dependent potassium channel. <i>Journal of Physiology</i> , <b>1999</b> , 518 ( Pt 3), 681-96	3.9	62
169	Characterisation of paired-pulse transcranial magnetic stimulation conditions yielding intracortical inhibition or I-wave facilitation using a threshold-hunting paradigm. <i>Experimental Brain Research</i> , <b>1999</b> , 129, 317-24	2.3	62
168	Depolarization changes the mechanism of accommodation in rat and human motor axons. <i>Journal of Physiology</i> , <b>1989</b> , 411, 545-61	3.9	61
167	Ectopic activity in demyelinated spinal root axons of the rat. <i>Journal of Physiology</i> , <b>1992</b> , 451, 539-52	3.9	59
166	Velocity recovery cycles of C fibres innervating human skin. <i>Journal of Physiology</i> , <b>2003</b> , 553, 649-63	3.9	58
165	Distal excitability changes in motor axons in amyotrophic lateral sclerosis. <i>Clinical Neurophysiology</i> , <b>2006</b> , 117, 1444-8	4.3	53
164	Mechanisms of paresthesias arising from healthy axons. <i>Muscle and Nerve</i> , <b>2000</b> , 23, 310-20	3.4	53
163	Estimating motor unit numbers from a CMAP scan. <i>Muscle and Nerve</i> , <b>2016</b> , 53, 889-96	3.4	53
162	Threshold electrotonus in chronic inflammatory demyelinating polyneuropathy: correlation with clinical profiles. <i>Muscle and Nerve</i> , <b>2004</b> , 29, 28-37	3.4	52
161	Changes in extracellular pH during electrical stimulation of isolated rat vagus nerve. <i>Neuroscience Letters</i> , <b>1986</b> , 64, 201-5	3.3	51
160	Muscle membrane dysfunction in critical illness myopathy assessed by velocity recovery cycles. <i>Clinical Neurophysiology</i> , <b>2011</b> , 122, 834-41	4.3	49
159	Partial reversal of conduction slowing during repetitive stimulation of single sympathetic efferents in human skin. <i>Acta Physiologica Scandinavica</i> , <b>2004</b> , 182, 305-11		48
158	Changes in the form of the cerebral evoked response related to the speed of simple reaction time. <i>Electroencephalography and Clinical Neurophysiology</i> , <b>1970</b> , 29, 137-45		48
157	Reproducibility, and sensitivity to motor unit loss in amyotrophic lateral sclerosis, of a novel MUNE method: MScanFit MUNE. <i>Clinical Neurophysiology</i> , <b>2017</b> , 128, 1380-1388	4.3	46
156	ATP affects both axons and Schwann cells of unmyelinated C fibres. <i>Pain</i> , <b>2001</b> , 92, 343-350	8	46
155	Velocity recovery cycles of human muscle action potentials and their sensitivity to ischemia. <i>Muscle and Nerve</i> , <b>2009</b> , 39, 616-26	3.4	45

154	Excitability properties of motor axons in the maturing mouse. <i>Journal of the Peripheral Nervous System</i> , <b>2009</b> , 14, 45-53	4.7	45
153	The effects of hyperglycaemic hypoxia on rectification in rat dorsal root axons. <i>Journal of Physiology</i> , <b>1994</b> , 480 ( Pt 2), 297-307	3.9	45
152	The refractory period of transmission is impaired in axonal Guillain-Barré syndrome. <i>Muscle and Nerve</i> , <b>2003</b> , 28, 683-9	3.4	44
151	Unmyelinated afferents in human skin and their responsiveness to low temperature. <i>Neuroscience Letters</i> , <b>2010</b> , 470, 188-92	3.3	43
150	Effect of maturation on nerve excitability in an experimental model of threshold electrotonus. <i>Muscle and Nerve</i> , <b>2000</b> , 23, 498-506	3.4	43
149	A distributed-parameter model of the myelinated human motor nerve fibre: temporal and spatial distributions of action potentials and ionic currents. <i>Biological Cybernetics</i> , <b>1995</b> , 73, 275-80	2.8	42
148	A search for activation of C nociceptors by sympathetic fibers in complex regional pain syndrome. <i>Clinical Neurophysiology</i> , <b>2010</b> , 121, 1072-9	4.3	41
147	Velocity recovery cycles of single C fibres innervating rat skin. <i>Journal of Physiology</i> , <b>2007</b> , 578, 213-32	3.9	41
146	The pH dependence of late sodium current in large sensory neurons. <i>Neuroscience</i> , <b>1999</b> , 92, 1119-30	3.9	41
145	In vivo assessment of HCN channel current (I(h)) in human motor axons. <i>Muscle and Nerve</i> , <b>2010</b> , 41, 247-54	3.4	39
144	Axonal hyperpolarization associated with acute hypokalemia: multiple excitability measurements as indicators of the membrane potential of human axons. <i>Muscle and Nerve</i> , <b>2002</b> , 26, 283-7	3.4	38
143	Threshold tracking provides a rapid indication of ischaemic resistance in motor axons of diabetic subjects. <i>Electroencephalography and Clinical Neurophysiology</i> , <b>1989</b> , 73, 369-71		37
142	Axonal excitability changes and acute symptoms of oxaliplatin treatment: In vivo evidence for slowed sodium channel inactivation. <i>Clinical Neurophysiology</i> , <b>2018</b> , 129, 694-706	4.3	37
141	Short-interval intracortical inhibition: Comparison between conventional and threshold-tracking techniques. <i>Brain Stimulation</i> , <b>2018</b> , 11, 806-817	5.1	34
140	Properties of low-threshold motor axons in the human median nerve. <i>Journal of Physiology</i> , <b>2010</b> , 588, 2503-15	3.9	34
139	Excitability properties of mouse motor axons in the mutant SOD1(G93A) model of amyotrophic lateral sclerosis. <i>Muscle and Nerve</i> , <b>2010</b> , 41, 774-84	3.4	34
138	Variations in excitability of single human motor axons, related to stochastic properties of nodal sodium channels. <i>Journal of Physiology</i> , <b>2004</b> , 559, 953-64	3.9	34
137	Is resistance to ischaemia of motor axons in diabetic subjects due to membrane depolarization?. <i>Journal of the Neurological Sciences</i> , <b>1990</b> , 99, 271-80	3.2	34

136	Activity-dependent modulation of axonal excitability in unmyelinated peripheral rat nerve fibers by the 5-HT(3) serotonin receptor. <i>Journal of Neurophysiology</i> , <b>2006</b> , 96, 2963-71	3-2	33
135	Inactivation of macroscopic late Na <sup>+</sup> current and characteristics of unitary late Na <sup>+</sup> currents in sensory neurons. <i>Journal of Neurophysiology</i> , <b>1998</b> , 80, 2538-49	3-2	33
134	Velocity recovery cycles of human muscle action potentials in chronic renal failure. <i>Clinical Neurophysiology</i> , <b>2010</b> , 121, 874-81	4-3	32
133	Measurement of axonal excitability: Consensus guidelines. <i>Clinical Neurophysiology</i> , <b>2020</b> , 131, 308-323	4-3	31
132	Double and triple spikes in C-nociceptors in neuropathic pain states: an additional peripheral mechanism of hyperalgesia. <i>Pain</i> , <b>2011</b> , 152, 343-353	8	30
131	Neuropathy, axonal Na <sup>+</sup> /K <sup>+</sup> pump function and activity-dependent excitability changes in end-stage kidney disease. <i>Clinical Neurophysiology</i> , <b>2006</b> , 117, 992-9	4-3	30
130	Has potassium been prematurely discarded as a contributing factor to the development of uraemic neuropathy?. <i>Nephrology Dialysis Transplantation</i> , <b>2004</b> , 19, 1054-7	4-3	30
129	After-effects of near-threshold stimulation in single human motor axons. <i>Journal of Physiology</i> , <b>2005</b> , 564, 931-40	3-9	30
128	Abnormal axonal inward rectifier in streptozocin-induced experimental diabetic neuropathy. <i>Brain</i> , <b>2001</b> , 124, 1149-55	11.2	30
127	Chloride channels in myotonia congenita assessed by velocity recovery cycles. <i>Muscle and Nerve</i> , <b>2014</b> , 49, 845-57	3-4	27
126	Conduction and excitability properties of peripheral nerves in end-stage liver disease. <i>Muscle and Nerve</i> , <b>2007</b> , 35, 730-8	3-4	26
125	A distributed-parameter model of the myelinated human motor nerve fibre: temporal and spatial distributions of electrotonic potentials and ionic currents. <i>Biological Cybernetics</i> , <b>1996</b> , 74, 543-7	2.8	26
124	Microneurography in rats: a minimally invasive method to record single C-fiber action potentials from peripheral nerves in vivo. <i>Neuroscience Letters</i> , <b>2010</b> , 470, 168-74	3-3	25
123	Dysfunction of axonal membrane conductances in adolescents and young adults with spinal muscular atrophy. <i>Brain</i> , <b>2011</b> , 134, 3185-97	11.2	25
122	FC28.1 MEMFIT: A computer program to aid interpretation of multiple excitability measurements on human motor axons. <i>Clinical Neurophysiology</i> , <b>2006</b> , 117, 1	4-3	25
121	Mechanisms of accommodation and adaptation in myelinated axons <b>1995</b> , 311-327		24
120	Membrane dysfunction in Andersen-Tawil syndrome assessed by velocity recovery cycles. <i>Muscle and Nerve</i> , <b>2012</b> , 46, 193-203	3-4	23
119	Following disease progression in motor neuron disorders with 3 motor unit number estimation methods. <i>Muscle and Nerve</i> , <b>2019</b> , 59, 82-87	3-4	22

118	Plasticity of lower limb motor axons after cervical cord injury. <i>Clinical Neurophysiology</i> , <b>2009</b> , 120, 204-9	4.3	22
117	Ischaemia induces paradoxical changes in axonal excitability in end-stage kidney disease. <i>Brain</i> , <b>2006</b> , 129, 1585-92	11.2	22
116	Muscle velocity recovery cycles: effects of repetitive stimulation on two muscles. <i>Muscle and Nerve</i> , <b>2012</b> , 46, 102-11	3.4	21
115	Muscle ischaemia in patients with orthostatic hypotension assessed by velocity recovery cycles. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , <b>2011</b> , 82, 1394-8	5.5	21
114	Motor unit remodelling in multifocal motor neuropathy: The importance of axonal loss. <i>Clinical Neurophysiology</i> , <b>2017</b> , 128, 2022-2028	4.3	20
113	Evidence for motor axon depolarization in Fabry disease. <i>Muscle and Nerve</i> , <b>2005</b> , 32, 548-51	3.4	20
112	Multiple measures of axonal excitability in peripheral sensory nerves: an in vivo rat model. <i>Muscle and Nerve</i> , <b>2007</b> , 36, 628-36	3.4	19
111	Potassium and the excitability properties of normal human motor axons in vivo. <i>PLoS ONE</i> , <b>2014</b> , 9, e98267	3.7	18
110	Velocity recovery cycles of human muscle action potentials: repeatability and variability. <i>Clinical Neurophysiology</i> , <b>2011</b> , 122, 2294-9	4.3	18
109	A rat in vitro model for the measurement of multiple excitability properties of cutaneous axons. <i>Clinical Neurophysiology</i> , <b>2007</b> , 118, 2404-12	4.3	17
108	Excitability properties of human median axons measured at the motor point. <i>Muscle and Nerve</i> , <b>2004</b> , 29, 227-33	3.4	16
107	Nerve Excitability Measures: Biophysical Basis and Use in the Investigation of Peripheral Nerve Disease <b>2005</b> , 113-129		16
106	In vivo assessment of muscle membrane properties in the sodium channel myotonias. <i>Muscle and Nerve</i> , <b>2018</b> , 57, 586-594	3.4	15
105	Motor unit number index and compound muscle action potential amplitude. <i>Clinical Neurophysiology</i> , <b>2019</b> , 130, 1734-1740	4.3	15
104	Axonal function in a family with episodic ataxia type 2 due to a novel mutation. <i>Journal of Neurology</i> , <b>2008</b> , 255, 750-5	5.5	15
103	Detection of early motor involvement in diabetic polyneuropathy using a novel MUNE method - MScanFit MUNE. <i>Clinical Neurophysiology</i> , <b>2019</b> , 130, 1981-1987	4.3	14
102	Early changes of muscle membrane properties in porcine faecal peritonitis. <i>Critical Care</i> , <b>2014</b> , 18, 484	10.8	14
101	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



100	Ischemic resistance of cutaneous afferents and motor axons in patients with amyotrophic lateral sclerosis. <i>Muscle and Nerve</i> , <b>1998</b> , 21, 1692-700	3-4	14
99	Validity of multi-fiber muscle velocity recovery cycles recorded at a single site using submaximal stimuli. <i>Clinical Neurophysiology</i> , <b>2012</b> , 123, 2296-305	4-3	13
98	In vivo assessment of muscle membrane properties in myotonic dystrophy. <i>Muscle and Nerve</i> , <b>2016</b> , 54, 249-57	3-4	13
97	MScanFit motor unit number estimation (MScan) and muscle velocity recovery cycle recordings in amyotrophic lateral sclerosis patients. <i>Clinical Neurophysiology</i> , <b>2019</b> , 130, 1280-1288	4-3	12
96	Axonal dysfunction with voltage gated potassium channel complex antibodies. <i>Experimental Neurology</i> , <b>2014</b> , 261, 337-42	5-7	11
95	Chapter 17 Assessment of nerve excitability properties in peripheral nerve disease. <i>Handbook of Clinical Neurophysiology</i> , <b>2006</b> , 7, 381-403		11
94	Conduction block in immune-mediated neuropathy: paranodopathy versus axonopathy. <i>European Journal of Neurology</i> , <b>2019</b> , 26, 1121-1129	6	10
93	Tracking small sensory nerve action potentials in human axonal excitability studies. <i>Journal of Neuroscience Methods</i> , <b>2018</b> , 298, 45-53	3	10
92	Muscle action potential scans and ultrasound imaging in neurofibromatosis type 2. <i>Muscle and Nerve</i> , <b>2017</b> , 55, 350-358	3-4	10
91	Nerve membrane excitability testing. <i>European Journal of Anaesthesiology</i> , <b>2008</b> , 42, 68-72	2-3	10
90	In vivo evidence for reduced ion channel expression in motor axons of patients with amyotrophic lateral sclerosis. <i>Journal of Physiology</i> , <b>2018</b> , 596, 5379-5396	3-9	10
89	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
88	CMAP Scan MUNE (MScan) - A Novel Motor Unit Number Estimation (MUNE) Method. <i>Journal of Visualized Experiments</i> , <b>2018</b> ,	1-6	9
87	A model of mouse motor nerve excitability and the effects of polarizing currents. <i>Journal of the Peripheral Nervous System</i> , <b>2011</b> , 16, 322-33	4-7	9
86	Threshold-dependent effects on peripheral nerve in vivo excitability properties in the rat. <i>Neuroscience Letters</i> , <b>2010</b> , 468, 248-53	3-3	9
85	Conduction failure in demyelination: is it inevitable?. <i>Advances in Neurology</i> , <b>1981</b> , 31, 357-75		9
84	Temperature dependency of human muscle velocity recovery cycles. <i>Muscle and Nerve</i> , <b>2012</b> , 46, 264-6	3-4	8
83	Episodic ataxia type 1 without episodic ataxia: the diagnostic utility of nerve excitability studies in individuals with KCNA1 mutations. <i>Developmental Medicine and Child Neurology</i> , <b>2013</b> , 55, 959-62	3-3	8

82	Distal excitability properties of median motor axons. <i>Muscle and Nerve</i> , <b>2001</b> , 24, 1695-8	3.4	8
81	MScanFit motor unit number estimation and muscle velocity recovery cycle recordings in diabetic polyneuropathy. <i>Clinical Neurophysiology</i> , <b>2020</b> , 131, 2591-2599	4.3	8
80	Modulation of voltage-activated calcium currents by mechanical stimulation in rat sensory neurons. <i>Journal of Neurophysiology</i> , <b>1998</b> , 80, 1647-52	3.2	7
79	Muscle Velocity Recovery Cycles to Examine Muscle Membrane Properties. <i>Journal of Visualized Experiments</i> , <b>2020</b> ,	1.6	6
78	Accommodation to hyperpolarization of human axons assessed in the frequency domain. <i>Journal of Neurophysiology</i> , <b>2016</b> , 116, 322-35	3.2	6
77	Inflections in threshold electrotonus to depolarizing currents in sensory axons. <i>Muscle and Nerve</i> , <b>2007</b> , 36, 849-52	3.4	6
76	Glial transplantation in the treatment of myelin loss or deficiency <b>1996</b> , 124-148		6
75	Force training induces changes in human muscle membrane properties. <i>Muscle and Nerve</i> , <b>2016</b> , 54, 144-54	3.4	6
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