

Mary Barbe

List of Publications by Year in descending order

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Version: 2024-02-01

224
papers

7,153
citations

44069

48
h-index

85541

71
g-index

235
all docs

235
docs citations

235
times ranked

6970
citing authors

#	ARTICLE	IF	CITATIONS
1	The early commitment of fetal neurons to the limbic cortex. <i>Journal of Neuroscience</i> , 1991, 11, 519-533.	3.6	189
2	A Clinical Method for Identifying Scapular Dyskinesia, Part 2: Validity. <i>Journal of Athletic Training</i> , 2009, 44, 165-173.	1.8	181
3	Work-Related Musculoskeletal Disorders of the Hand and Wrist: Epidemiology, Pathophysiology, and Sensorimotor Changes. <i>Journal of Orthopaedic and Sports Physical Therapy</i> , 2004, 34, 610-627.	3.5	179
4	Inflammation and the pathophysiology of work-related musculoskeletal disorders. <i>Brain, Behavior, and Immunity</i> , 2006, 20, 423-429.	4.1	173
5	The limbic system-associated membrane protein is an Ig superfamily member that mediates selective neuronal growth and axon targeting. <i>Neuron</i> , 1995, 15, 287-297.	8.1	157
6	Fascial tissue research in sports medicine: from molecules to tissue adaptation, injury and diagnostics: consensus statement. <i>British Journal of Sports Medicine</i> , 2018, 52, 1497-1497.	6.7	134
7	Pathophysiological Tissue Changes Associated With Repetitive Movement: A Review of the Evidence. <i>Physical Therapy</i> , 2002, 82, 173-187.	2.4	126
8	Chronic repetitive reaching and grasping results in decreased motor performance and widespread tissue responses in a rat model of MSD. <i>Journal of Orthopaedic Research</i> , 2003, 21, 167-176.	2.3	124
9	PATTERNING AND SPECIFICATION OF THE CEREBRAL CORTEX. <i>Annual Review of Neuroscience</i> , 1997, 20, 1-24.	10.7	122
10	Osteoactivin, an anabolic factor that regulates osteoblast differentiation and function. <i>Experimental Cell Research</i> , 2008, 314, 2334-2351.	2.6	117
11	Prolonged Cyclooxygenase-2 Induction in Neurons and Glia Following Traumatic Brain Injury in the Rat. <i>Journal of Neurotrauma</i> , 2000, 17, 695-711.	3.4	114
12	The interaction of force and repetition on musculoskeletal and neural tissue responses and sensorimotor behavior in a rat model of work-related musculoskeletal disorders. <i>BMC Musculoskeletal Disorders</i> , 2013, 14, 303.	1.9	110
13	Inflammation and glucose homeostasis are associated with specific structural features among adults without knee osteoarthritis: a cross-sectional study from the osteoarthritis initiative. <i>BMC Musculoskeletal Disorders</i> , 2018, 19, 1.	1.9	105
14	Connective tissue growth factor (CTGF) acts as a downstream mediator of TGF β 1 to induce mesenchymal cell condensation. <i>Journal of Cellular Physiology</i> , 2007, 210, 398-410.	4.1	102
15	Role of inflammation in the aging bones. <i>Life Sciences</i> , 2015, 123, 25-34.	4.3	94
16	Inflammatory biomarkers increase with severity of upper-extremity overuse disorders. <i>Clinical Science</i> , 2007, 112, 305-314.	4.3	93
17	Is osteoarthritis a heterogeneous disease that can be stratified into subsets?. <i>Clinical Rheumatology</i> , 2010, 29, 123-131.	2.2	93
18	A liquid chromatography/mass spectrometric method for simultaneous analysis of arachidonic acid and its endogenous eicosanoid metabolites prostaglandins, dihydroxyeicosatrienoic acids, hydroxyeicosatetraenoic acids, and epoxyeicosatrienoic acids in rat brain tissue. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2007, 43, 1122-1134.	2.8	92

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19	Exposure-dependent increases in IL-1 β , substance P, CTGF, and tendinosis in flexor digitorum tendons with upper extremity repetitive strain injury. <i>Journal of Orthopaedic Research</i> , 2010, 28, 298-307.	2.3	91
20	Cortical bone deficit and fat infiltration of bone marrow and skeletal muscle in ambulatory children with mild spastic cerebral palsy. <i>Bone</i> , 2017, 94, 90-97.	2.9	87
21	Performance of a High-Repetition, High-Force Task Induces Carpal Tunnel Syndrome in Rats. <i>Journal of Orthopaedic and Sports Physical Therapy</i> , 2004, 34, 244-253.	3.5	86
22	Repair of the Injured Adult Heart Involves New Myocytes Potentially Derived From Resident Cardiac Stem Cells. <i>Circulation Research</i> , 2011, 108, 1226-1237.	4.5	85
23	Risk factors and the natural history of accelerated knee osteoarthritis: a narrative review. <i>BMC Musculoskeletal Disorders</i> , 2020, 21, 332.	1.9	81
24	A membrane glycoprotein associated with the limbic system mediates the formation of the septo-hippocampal pathway in vitro. <i>Neuron</i> , 1989, 3, 551-561.	8.1	78
25	Median Nerve Trauma in a Rat Model of Work-Related Musculoskeletal Disorder. <i>Journal of Neurotrauma</i> , 2003, 20, 681-695.	3.4	78
26	Age-dependent specification of the corticocortical connections of cerebral grafts. <i>Journal of Neuroscience</i> , 1995, 15, 1819-1834.	3.6	76
27	Acute Effects of a Selective Cannabinoid-2 Receptor Agonist on Neuroinflammation in a Model of Traumatic Brain Injury. <i>Journal of Neurotrauma</i> , 2011, 28, 973-981.	3.4	71
28	Acute Catecholamine Exposure Causes Reversible Myocyte Injury Without Cardiac Regeneration. <i>Circulation Research</i> , 2016, 119, 865-879.	4.5	71
29	Impact of neonatal asphyxia and hind limb immobilization on musculoskeletal tissues and S1 map organization: Implications for cerebral palsy. <i>Experimental Neurology</i> , 2008, 210, 95-108.	4.1	70
30	Sorafenib Cardiotoxicity Increases Mortality After Myocardial Infarction. <i>Circulation Research</i> , 2014, 114, 1700-1712.	4.5	69
31	Increase in inflammatory cytokines in median nerves in a rat model of repetitive motion injury. <i>Journal of Neuroimmunology</i> , 2005, 167, 13-22.	2.3	68
32	Osteoactivin acts as downstream mediator of BMP-2 effects on osteoblast function. <i>Journal of Cellular Physiology</i> , 2007, 210, 26-37.	4.1	68
33	Systemic inflammatory profiles and their relationships with demographic, behavioural and clinical features in acute low back pain. <i>Brain, Behavior, and Immunity</i> , 2017, 60, 84-92.	4.1	67
34	Serum and tissue cytokines and chemokines increase with repetitive upper extremity tasks. <i>Journal of Orthopaedic Research</i> , 2008, 26, 1320-1326.	2.3	66
35	YAP/TAZ initiate and maintain Schwann cell myelination. <i>ELife</i> , 2017, 6, .	6.0	66
36	Trunk and Hip Muscle Activation Patterns Are Different During Walking in Young Children With and Without Cerebral Palsy. <i>Physical Therapy</i> , 2010, 90, 986-997.	2.4	64

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37	ISSLS PRIZE IN CLINICAL SCIENCE 2018: longitudinal analysis of inflammatory, psychological, and sleep-related factors following an acute low back pain episode—the good, the bad, and the ugly. <i>European Spine Journal</i> , 2018, 27, 763-777.	2.2	64
38	The Effects of Thoracic Spine Manipulation in Subjects With Signs of Rotator Cuff Tendinopathy. <i>Journal of Orthopaedic and Sports Physical Therapy</i> , 2012, 42, 1005-1016.	3.5	63
39	Inflammation reduces physiological tissue tolerance in the development of work-related musculoskeletal disorders. <i>Journal of Electromyography and Kinesiology</i> , 2004, 14, 77-85.	1.7	62
40	High force reaching task induces widespread inflammation, increased spinal cord neurochemicals and neuropathic pain. <i>Neuroscience</i> , 2009, 158, 922-931.	2.3	62
41	Impact of prenatal ischemia on behavior, cognitive abilities and neuroanatomy in adult rats with white matter damage. <i>Behavioural Brain Research</i> , 2012, 232, 233-244.	2.2	59
42	Determination of bioactive eicosanoids in brain tissue by a sensitive reversed-phase liquid chromatographic method with fluorescence detection. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2004, 803, 267-277.	2.3	57
43	Trunk and hip muscle activity in early walkers with and without cerebral palsy – A frequency analysis. <i>Journal of Electromyography and Kinesiology</i> , 2010, 20, 851-859.	1.7	57
44	Periostin-like factor in osteogenesis. <i>Journal of Cellular Physiology</i> , 2009, 218, 584-592.	4.1	56
45	Neuroanatomical, Sensorimotor and Cognitive Deficits in Adult Rats with White Matter Injury Following Prenatal Ischemia. <i>Brain Pathology</i> , 2012, 22, 1-16.	4.1	56
46	Periostin-like-factor and Periostin in an animal model of work-related musculoskeletal disorder. <i>Bone</i> , 2009, 44, 502-512.	2.9	54
47	Performance of Repetitive Tasks Induces Decreased Grip Strength and Increased Fibrogenic Proteins in Skeletal Muscle: Role of Force and Inflammation. <i>PLoS ONE</i> , 2012, 7, e38359.	2.5	53
48	Individual Variation in Pain Sensitivity and Conditioned Pain Modulation in Acute Low Back Pain: Effect of Stimulus Type, Sleep, and Psychological and Lifestyle Factors. <i>Journal of Pain</i> , 2018, 19, 942.e1-942.e18.	1.4	52
49	Peripheral neuritis and increased spinal cord neurochemicals are induced in a model of repetitive motion injury with low force and repetition exposure. <i>Brain Research</i> , 2008, 1218, 103-113.	2.2	48
50	Prenatal ischemia deteriorates white matter, brain organization, and function: implications for prematurity and cerebral palsy. <i>Developmental Medicine and Child Neurology</i> , 2016, 58, 7-11.	2.1	47
51	Repetitive, Negligible Force Reaching in Rats Induces Pathological Overloading of Upper Extremity Bones. <i>Journal of Bone and Mineral Research</i> , 2003, 18, 2023-2032.	2.8	45
52	Role of TNF alpha and PLF in bone remodeling in a rat model of repetitive reaching and grasping. <i>Journal of Cellular Physiology</i> , 2010, 225, 152-167.	4.1	45
53	Are Signs of Central Sensitization in Acute Low Back Pain a Precursor to Poor Outcome?. <i>Journal of Pain</i> , 2019, 20, 994-1009.	1.4	44
54	Integrin Mediated Adhesion of Osteoblasts to Connective Tissue Growth Factor (CTGF/CCN2) Induces Cytoskeleton Reorganization and Cell Differentiation. <i>PLoS ONE</i> , 2015, 10, e0115325.	2.5	44

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55	Manual therapy as an effective treatment for fibrosis in a rat model of upper extremity overuse injury. <i>Journal of the Neurological Sciences</i> , 2016, 361, 168-180.	0.6	43
56	Aging Contributes to Inflammation in Upper Extremity Tendons and Declines in Forelimb Agility in a Rat Model of Upper Extremity Overuse. <i>PLoS ONE</i> , 2012, 7, e46954.	2.5	42
57	Increased Serum and Musculotendinous Fibrogenic Proteins following Persistent Low-Grade Inflammation in a Rat Model of Long-Term Upper Extremity Overuse. <i>PLoS ONE</i> , 2013, 8, e71875.	2.5	42
58	Peripheral and central changes combine to induce motor behavioral deficits in a moderate repetition task. <i>Experimental Neurology</i> , 2009, 220, 234-245.	4.1	41
59	Increased CCN2, substance P and tissue fibrosis are associated with sensorimotor declines in a rat model of repetitive overuse injury. <i>Journal of Cell Communication and Signaling</i> , 2015, 9, 37-54.	3.4	41
60	Variability and symmetry of gait in early walkers with and without bilateral cerebral palsy. <i>Gait and Posture</i> , 2010, 31, 522-526.	1.4	40
61	Effusion-synovitis and infrapatellar fat pad signal intensity alteration differentiate accelerated knee osteoarthritis. <i>Rheumatology</i> , 2019, 58, 418-426.	1.9	40
62	Blocking CTGF/CCN2 reduces established skeletal muscle fibrosis in a rat model of overuse injury. <i>FASEB Journal</i> , 2020, 34, 6554-6569.	0.5	40
63	Immunolocalization of Periostin-like Factor and Periostin During Embryogenesis. <i>Journal of Histochemistry and Cytochemistry</i> , 2008, 56, 329-345.	2.5	39
64	Coronal tibial slope is associated with accelerated knee osteoarthritis: data from the Osteoarthritis Initiative. <i>BMC Musculoskeletal Disorders</i> , 2016, 17, 299.	1.9	38
65	Characterization of a Knock-In Mouse Line Expressing a Fusion Protein of μ Opioid Receptor Conjugated with tdTomato: 3-Dimensional Brain Imaging via CLARITY. <i>ENeuro</i> , 2020, 7, ENEURO.0028-20.2020.	1.9	38
66	Abrogation of Cbl α -PI3K Interaction Increases Bone Formation and Osteoblast Proliferation. <i>Calcified Tissue International</i> , 2011, 89, 396-410.	3.1	37
67	Transgenic Expression of Osteoactivin/gpnb Enhances Bone Formation In Vivo and Osteoprogenitor Differentiation Ex Vivo. <i>Journal of Cellular Physiology</i> , 2016, 231, 72-83.	4.1	37
68	Performance of a repetitive task by aged rats leads to median neuropathy and spinal cord inflammation with associated sensorimotor declines. <i>Neuroscience</i> , 2010, 170, 929-941.	2.3	36
69	Manual therapy prevents onset of nociceptor activity, sensorimotor dysfunction, and neural fibrosis induced by a volitional repetitive task. <i>Pain</i> , 2019, 160, 632-644.	4.2	36
70	Accelerated Knee Osteoarthritis Is Characterized by Destabilizing Meniscal Tears and Preradiographic Structural Disease Burden. <i>Arthritis and Rheumatology</i> , 2019, 71, 1089-1100.	5.6	34
71	Risk factors can classify individuals who develop accelerated knee osteoarthritis: Data from the osteoarthritis initiative. <i>Journal of Orthopaedic Research</i> , 2018, 36, 876-880.	2.3	33
72	The Loss of Cbl-Phosphatidylinositol 3-Kinase Interaction Perturbs RANKL-mediated Signaling, Inhibiting Bone Resorption and Promoting Osteoclast Survival. <i>Journal of Biological Chemistry</i> , 2010, 285, 36745-36758.	3.4	32

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73	Joint Inflammation and Early Degeneration Induced by High-Force Reaching Are Attenuated by Ibuprofen in an Animal Model of Work-Related Musculoskeletal Disorder. <i>Journal of Biomedicine and Biotechnology</i> , 2011, 2011, 1-17.	3.0	32
74	The Skeletal site-specific role of connective tissue growth factor in prenatal osteogenesis. <i>Developmental Dynamics</i> , 2012, 241, 1944-1959.	1.8	32
75	Functional Reinnervation of the Canine Bladder after Spinal Root Transection and Immediate End-on-End Repair. <i>Journal of Neurotrauma</i> , 2006, 23, 1125-1136.	3.4	31
76	Functional Reinnervation of the Canine Bladder after Spinal Root Transection and Genitofemoral Nerve Transfer at One and Three Months after Denervation. <i>Journal of Neurotrauma</i> , 2008, 25, 401-409.	3.4	31
77	Mild musculoskeletal and locomotor alterations in adult rats with white matter injury following prenatal ischemia. <i>International Journal of Developmental Neuroscience</i> , 2011, 29, 593-607.	1.6	31
78	Exposure to Repetitive Tasks Induces Motor Changes Related to Skill Acquisition and Inflammation in Rats. <i>Journal of Motor Behavior</i> , 2011, 43, 465-476.	0.9	31
79	Neural reconstruction methods of restoring bladder function. <i>Nature Reviews Urology</i> , 2015, 12, 100-118.	3.8	31
80	Temporal and spatial expression of osteoactivin during fracture repair. <i>Journal of Cellular Biochemistry</i> , 2010, 111, 295-309.	2.6	30
81	Functional Reinnervation of the Canine Bladder after Spinal Root Transection and Immediate Somatic Nerve Transfer. <i>Journal of Neurotrauma</i> , 2008, 25, 214-224.	3.4	29
82	Serum biomarkers as signals for risk and severity of work-related musculoskeletal injury. <i>Biomarkers in Medicine</i> , 2008, 2, 67-79.	1.4	29
83	Early pre-radiographic structural pathology precedes the onset of accelerated knee osteoarthritis. <i>BMC Musculoskeletal Disorders</i> , 2019, 20, 241.	1.9	29
84	Systemic Inflammatory Mediators Contribute to Widespread Effects in Work-Related Musculoskeletal Disorders. <i>Exercise and Sport Sciences Reviews</i> , 2004, 32, 135-142.	3.0	28
85	Hypertonic saline attenuates tissue loss and astrocyte hypertrophy in a model of traumatic brain injury. <i>Brain Research</i> , 2009, 1305, 183-191.	2.2	28
86	Best performing definition of accelerated knee osteoarthritis: data from the Osteoarthritis Initiative. <i>Therapeutic Advances in Musculoskeletal Disease</i> , 2016, 8, 165-171.	2.7	28
87	Reinnervation of urethral and anal sphincters with femoral motor nerve to pudendal nerve transfer. <i>Neurourology and Urodynamics</i> , 2011, 30, 1695-1704.	1.5	27
88	TULA-2, a novel histidine phosphatase, regulates bone remodeling by modulating osteoclast function. <i>Cellular and Molecular Life Sciences</i> , 2013, 70, 1269-1284.	5.4	27
89	Serum Biomarkers as Predictors of Stage of Work-related Musculoskeletal Disorders. <i>Journal of the American Academy of Orthopaedic Surgeons</i> , The, 2013, 21, 644-646.	2.5	25
90	Knee symptoms among adults at risk for accelerated knee osteoarthritis: data from the Osteoarthritis Initiative. <i>Clinical Rheumatology</i> , 2017, 36, 1083-1089.	2.2	25

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91	Development of Normal and Cleft Palate: A Central Role for Connective Tissue Growth Factor (CTGF)/CCN2. <i>Journal of Developmental Biology</i> , 2018, 6, 18.	1.7	25
92	Diverse Role of Biological Plasticity in Low Back Pain and Its Impact on Sensorimotor Control of the Spine. <i>Journal of Orthopaedic and Sports Physical Therapy</i> , 2019, 49, 389-401.	3.5	25
93	Females have greater susceptibility to develop ongoing pain and central sensitization in a rat model of temporomandibular joint pain. <i>Pain</i> , 2019, 160, 2036-2049.	4.2	25
94	Aging enhances serum cytokine response but not task-induced grip strength declines in a rat model of work-related musculoskeletal disorders. <i>BMC Musculoskeletal Disorders</i> , 2011, 12, 63.	1.9	24
95	Effect of isolated hyperglycemia on native mechanical and biologic shoulder joint properties in a rat model. <i>Journal of Orthopaedic Research</i> , 2014, 32, 1464-1470.	2.3	24
96	Autologous c-kit+ Mesenchymal Stem Cell Injections Provide Superior Therapeutic Benefit as Compared to c-kit+ Cardiac-Derived Stem Cells in a Feline Model of Isoproterenol-Induced Cardiomyopathy. <i>Clinical and Translational Science</i> , 2015, 8, 425-431.	3.1	24
97	Fully implantable neural recording and stimulation interfaces: Peripheral nerve interface applications. <i>Journal of Neuroscience Methods</i> , 2020, 333, 108562.	2.5	24
98	Induction of Periostin-like Factor and Periostin in Forearm Muscle, Tendon, and Nerve in an Animal Model of Work-related Musculoskeletal Disorder. <i>Journal of Histochemistry and Cytochemistry</i> , 2009, 57, 1061-1073.	2.5	23
99	Adult neurogenic deficits in HIV-1 Tg26 transgenic mice. <i>Journal of Neuroinflammation</i> , 2018, 15, 287.	7.2	23
100	Long lasting recruitment of immune cells and altered epi-perineurial thickness in focal nerve inflammation induced by complete Freund's adjuvant. <i>Journal of Neuroimmunology</i> , 2009, 213, 26-30.	2.3	22
101	Loss of Cbl-PI3K Interaction Enhances Osteoclast Survival due to p21-Ras Mediated PI3K Activation Independent of Cbl. <i>Journal of Cellular Biochemistry</i> , 2014, 115, 1277-1289.	2.6	22
102	Prolonged performance of a high repetition low force task induces bone adaptation in young adult rats, but loss in mature rats. <i>Experimental Gerontology</i> , 2015, 72, 204-217.	2.8	22
103	Coexistence of multiple anomalies in the carpal tunnel. <i>Clinical Anatomy</i> , 2005, 18, 251-259.	2.7	21
104	A peptide from thrombospondin 1 modulates experimental erosive arthritis by regulating connective tissue growth factor. <i>Arthritis and Rheumatism</i> , 2006, 54, 2415-2422.	6.7	21
105	Memory deficits, gait ataxia and neuronal loss in the hippocampus and cerebellum in mice that are heterozygous for Pur-alpha. <i>Neuroscience</i> , 2016, 337, 177-190.	2.3	21
106	Posterior-Anterior Glide of the Femoral Head in the Acetabulum: A Cadaver Study. <i>Journal of Orthopaedic and Sports Physical Therapy</i> , 2003, 33, 118-125.	3.5	20
107	Myocardial hypoperfusion/reperfusion tolerance with exercise training in hypertension. <i>Journal of Applied Physiology</i> , 2006, 100, 541-547.	2.5	20
108	Spinal substance P and neurokinin-1 increase with high repetition reaching. <i>Neuroscience Letters</i> , 2009, 454, 33-37.	2.1	20

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109	Feasibility of a femoral nerve motor branch for transfer to the pudendal nerve for restoring continence: a cadaveric study. <i>Journal of Neurosurgery: Spine</i> , 2011, 15, 526-531.	1.7	20
110	Transverse cervical nerve: Implications for dental anesthesia. <i>Clinical Anatomy</i> , 2013, 26, 688-692.	2.7	20
111	Substance P increases CCN2 dependent on TGF-beta yet Collagen Type I via TGF-beta1 dependent and independent pathways in tenocytes. <i>Connective Tissue Research</i> , 2018, 59, 30-44.	2.3	20
112	Early movement restriction leads to maladaptive plasticity in the sensorimotor cortex and to movement disorders. <i>Scientific Reports</i> , 2018, 8, 16328.	3.3	20
113	Blocking CCN2 Reduces Progression of Sensorimotor Declines and Fibrosis in a Rat Model of Chronic Repetitive Overuse. <i>Journal of Orthopaedic Research</i> , 2019, 37, 2004-2018.	2.3	20
114	Systematic review of biochemical biomarkers for neck and upper-extremity musculoskeletal disorders. <i>Scandinavian Journal of Work, Environment and Health</i> , 2016, 42, 103-124.	3.4	20
115	Bladder Reinnervation Using a Primarily Motor Donor Nerve (Femoral Nerve Branches) is Functionally Superior to Using a Primarily Sensory Donor Nerve (Genitofemoral Nerve). <i>Journal of Urology</i> , 2015, 193, 1042-1051.	0.4	18
116	Overweight older adults, particularly after an injury, are at high risk for accelerated knee osteoarthritis: data from the Osteoarthritis Initiative. <i>Clinical Rheumatology</i> , 2016, 35, 1071-1076.	2.2	18
117	Early movement restriction leads to enduring disorders in muscle and locomotion. <i>Brain Pathology</i> , 2018, 28, 889-901.	4.1	18
118	Blocking CTGF/CCN2 reverses neural fibrosis and sensorimotor declines in a rat model of overuse-induced median mononeuropathy. <i>Journal of Orthopaedic Research</i> , 2020, 38, 2396-2408.	2.3	18
119	Induction of stress (heat shock) protein 70 and its mRNA in rat corneal epithelium by hyperthermia. <i>Current Eye Research</i> , 1990, 9, 913-918.	1.5	17
120	Prolonged high force high repetition pulling induces osteocyte apoptosis and trabecular bone loss in distal radius, while low force high repetition pulling induces bone anabolism. <i>Bone</i> , 2018, 110, 267-283.	2.9	17
121	Cblâ€“phosphatidylinositol 3 kinase interaction differentially regulates macrophage colonyâ€stimulating factorâ€mediated osteoclast survival and cytoskeletal reorganization. <i>Annals of the New York Academy of Sciences</i> , 2010, 1192, 376-384.	3.8	16
122	Innervation of parasympathetic postganglionic neurons and bladder detrusor muscle directly after sacral root transection and repair using nerve transfer. <i>Neurourology and Urodynamics</i> , 2011, 30, 599-605.	1.5	16
123	Does the Interaction between Local and Systemic Inflammation Provide a Link from Psychology and Lifestyle to Tissue Health in Musculoskeletal Conditions?. <i>International Journal of Molecular Sciences</i> , 2021, 22, 7299.	4.1	16
124	Circular smooth muscle contributes to esophageal shortening during peristalsis. <i>World Journal of Gastroenterology</i> , 2012, 18, 4317.	3.3	16
125	Growth and repair factors, osteoactivin, matrix metalloproteinase and heat shock protein 72, increase with resolution of inflammation in musculotendinous tissues in a rat model of repetitive grasping. <i>BMC Musculoskeletal Disorders</i> , 2016, 17, 34.	1.9	15
126	Sex-specific neurogenic deficits and neurocognitive disorders in middle-aged HIV-1 Tg26 transgenic mice. <i>Brain, Behavior, and Immunity</i> , 2019, 80, 488-499.	4.1	15

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127	Key indicators of repetitive overuse-induced neuromuscular inflammation and fibrosis are prevented by manual therapy in a rat model. <i>BMC Musculoskeletal Disorders</i> , 2021, 22, 417.	1.9	15
128	Pharmacologic Specificity of Nicotinic Receptor-Mediated Relaxation of Muscarinic Receptor Precontracted Human Gastric Clasp and Sling Muscle Fibers within the Gastroesophageal Junction. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2011, 338, 37-46.	2.5	14
129	Systematic review of quantitative imaging biomarkers for neck and shoulder musculoskeletal disorders. <i>BMC Musculoskeletal Disorders</i> , 2017, 18, 395.	1.9	14
130	Clarification of the Innervation of the Bladder, External Urethral Sphincter and Clitoris: A Neuronal Tracing Study in Female Mongrel Hound Dogs. <i>Anatomical Record</i> , 2018, 301, 1426-1441.	1.4	14
131	Relationship between systemic inflammation and recovery over 12 months after an acute episode of low back pain. <i>Spine Journal</i> , 2022, 22, 214-225.	1.3	14
132	Effect of a Prophylactic Brace on Wrist and Ulnocarpal Joint Biomechanics in a Cadaveric Model. <i>American Journal of Sports Medicine</i> , 2003, 31, 736-743.	4.2	13
133	Roles of Reflex Activity and Co-contraction During Assessments of Spasticity of the Knee Flexor and Knee Extensor Muscles in Children With Cerebral Palsy and Different Functional Levels. <i>Physical Therapy</i> , 2008, 88, 1124-1134.	2.4	13
134	Age and electromyographic frequency alterations during walking in children with cerebral palsy. <i>Gait and Posture</i> , 2010, 31, 136-139.	1.4	13
135	Ergonomic task reduction prevents bone osteopenia in a rat model of upper extremity overuse. <i>Industrial Health</i> , 2015, 53, 206-221.	1.0	13
136	Glucose homeostasis influences the risk of incident knee osteoarthritis: Data from the osteoarthritis initiative. <i>Journal of Orthopaedic Research</i> , 2017, 35, 2282-2287.	2.3	13
137	Blocking substance P signaling reduces musculotendinous and dermal fibrosis and sensorimotor declines in a rat model of overuse injury. <i>Connective Tissue Research</i> , 2020, 61, 604-619.	2.3	13
138	From cerebral palsy to developmental coordination disorder: Development of preclinical rat models corresponding to recent epidemiological changes. <i>Annals of Physical and Rehabilitation Medicine</i> , 2020, 63, 422-430.	2.3	13
139	Forced treadmill running reduces systemic inflammation yet worsens upper limb discomfort in a rat model of work-related musculoskeletal disorders. <i>BMC Musculoskeletal Disorders</i> , 2020, 21, 57.	1.9	13
140	Anatomical feasibility of performing intercostal and ilioinguinal nerve to pelvic nerve transfer: a possible technique to restore lower urinary tract innervation. <i>Journal of Neurosurgery: Spine</i> , 2012, 17, 357-362.	1.7	12
141	Dorsal Scapular Artery Variations and Relationship to the Brachial Plexus, and a Related Thoracic Outlet Syndrome Case. <i>Journal of Brachial Plexus and Peripheral Nerve Injury</i> , 2016, 11, e21-e28.	1.0	12
142	Evidence of vagus nerve sprouting to innervate the urinary bladder and clitoris in a canine model of lower motoneuron lesioned bladder. <i>Neurourology and Urodynamics</i> , 2017, 36, 91-97.	1.5	12
143	Co-contraction during passive movements of the knee joint in children with cerebral palsy. <i>Clinical Biomechanics</i> , 2007, 22, 1045-1048.	1.2	11
144	The Potential of Multiple Synovial-Fluid Protein-Concentration Analyses in the Assessment of Knee Osteoarthritis. <i>Journal of Sport Rehabilitation</i> , 2010, 19, 411-421.	1.0	11

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