

Thomas M Best

List of Publications by Year in descending order

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Version: 2024-02-01

86
papers

4,774
citations

117453

34
h-index

149479

56
g-index

89
all docs

89
docs citations

89
times ranked

4238
citing authors

#	ARTICLE	IF	CITATIONS
1	A Comparison of 2 Rehabilitation Programs in the Treatment of Acute Hamstring Strains. <i>Journal of Orthopaedic and Sports Physical Therapy</i> , 2004, 34, 116-125.	1.7	346
2	Position statement on youth resistance training: the 2014 International Consensus. <i>British Journal of Sports Medicine</i> , 2014, 48, 498-505.	3.1	339
3	MR Imaging of the Distribution and Location of Acute Hamstring Injuries in Athletes. <i>American Journal of Roentgenology</i> , 2000, 174, 393-399.	1.0	278
4	Hamstring Muscle Kinematics during Treadmill Sprinting. <i>Medicine and Science in Sports and Exercise</i> , 2005, 37, 108-114.	0.2	251
5	The Management of Muscle Strain Injuries: An Early Return Versus the Risk of Recurrence. <i>Clinical Journal of Sport Medicine</i> , 2002, 12, 3-5.	0.9	228
6	Return to Play Following Muscle Strains. <i>Clinical Journal of Sport Medicine</i> , 2005, 15, 436-441.	0.9	220
7	The functional anatomy of the iliotibial band during flexion and extension of the knee: implications for understanding iliotibial band syndrome. <i>Journal of Anatomy</i> , 2006, 208, 309-316.	0.9	204
8	The dual roles of neutrophils and macrophages in inflammation: a critical balance between tissue damage and repair. <i>Journal of Athletic Training</i> , 2006, 41, 457-65.	0.9	195
9	When to Initiate Integrative Neuromuscular Training to Reduce Sports-Related Injuries and Enhance Health in Youth?. <i>Current Sports Medicine Reports</i> , 2011, 10, 155-166.	0.5	191
10	Acute muscle strain injuries: a proposed new classification system. <i>Knee Surgery, Sports Traumatology, Arthroscopy</i> , 2012, 20, 2356-2362.	2.3	149
11	Simulation of Biceps Femoris Musculotendon Mechanics during the Swing Phase of Sprinting. <i>Medicine and Science in Sports and Exercise</i> , 2005, 37, 1931-1938.	0.2	144
12	The role of neutrophils in injury and repair following muscle stretch. <i>Journal of Anatomy</i> , 2006, 208, 459-470.	0.9	142
13	Characterization of the passive responses of live skeletal muscle using the quasi-linear theory of viscoelasticity. <i>Journal of Biomechanics</i> , 1994, 27, 413-419.	0.9	118
14	Common overuse tendon problems: A review and recommendations for treatment. <i>American Family Physician</i> , 2005, 72, 811-8.	0.1	118
15	Free radical activity, antioxidant enzyme, and glutathione changes with muscle stretch injury in rabbits. <i>Journal of Applied Physiology</i> , 1999, 87, 74-82.	1.2	115
16	Is iliotibial band syndrome really a friction syndrome?. <i>Journal of Science and Medicine in Sport</i> , 2007, 10, 74-76.	0.6	111
17	Early inflammatory response of knee ligaments to prolotherapy in a rat model. <i>Journal of Orthopaedic Research</i> , 2008, 26, 816-823.	1.2	107
18	Muscle Injury and Repair. <i>Physical Medicine and Rehabilitation Clinics of North America</i> , 2000, 11, 251-266.	0.7	106

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19	Effectiveness of Sports Massage for Recovery of Skeletal Muscle From Strenuous Exercise. <i>Clinical Journal of Sport Medicine</i> , 2008, 18, 446-460.	0.9	95
20	Response of Knee Ligaments to Prolotherapy in a Rat Injury Model. <i>American Journal of Sports Medicine</i> , 2008, 36, 1347-1357.	1.9	89
21	Sixty minutes of what? A developing brain perspective for activating children with an integrative exercise approach. <i>British Journal of Sports Medicine</i> , 2015, 49, 1510-1516.	3.1	89
22	Early sport specialisation, does it lead to long-term problems?. <i>British Journal of Sports Medicine</i> , 2013, 47, 1060-1061.	3.1	87
23	The early management of muscle strains in the elite athlete: best practice in a world with a limited evidence basis. <i>British Journal of Sports Medicine</i> , 2008, 42, 158-159.	3.1	79
24	Integrative Training for Children and Adolescents: Techniques and Practices for Reducing Sports-Related Injuries and Enhancing Athletic Performance. <i>Physician and Sportsmedicine</i> , 2011, 39, 74-84.	1.0	75
25	Molecular characterization of redox mechanisms in allergic asthma. <i>Annals of Allergy, Asthma and Immunology</i> , 2014, 113, 137-142.	0.5	71
26	Epidemiology of Overuse Injuries among High-School Athletes in the United States. <i>Journal of Pediatrics</i> , 2015, 166, 600-606.	0.9	64
27	Total proximal hamstring ruptures: clinical and MRI aspects including guidelines for postoperative rehabilitation. <i>Knee Surgery, Sports Traumatology, Arthroscopy</i> , 2013, 21, 515-533.	2.3	58
28	Oxidant production and immune response after stretch injury in skeletal muscle. <i>Medicine and Science in Sports and Exercise</i> , 2001, 33, 2010-2015.	0.2	51
29	Hamstring Strains: Basic Science and Clinical Research Applications for Preventing the Recurrent Injury. <i>Strength and Conditioning Journal</i> , 2011, 33, 56-71.	0.7	49
30	Cyclic Compressive Loading Facilitates Recovery after Eccentric Exercise. <i>Medicine and Science in Sports and Exercise</i> , 2008, 40, 1289-1296.	0.2	47
31	Dose-dependency of massage-like compressive loading on recovery of active muscle properties following eccentric exercise: rabbit study with clinical relevance. <i>British Journal of Sports Medicine</i> , 2013, 47, 83-88.	3.1	44
32	Stem cells, angiogenesis and muscle healing: a potential role in massage therapies?. <i>British Journal of Sports Medicine</i> , 2013, 47, 556-560.	3.1	42
33	Massage Timing Affects Postexercise Muscle Recovery and Inflammation in a Rabbit Model. <i>Medicine and Science in Sports and Exercise</i> , 2013, 45, 1105-1112.	0.2	42
34	Analysis of changes in mRNA levels of myoblast- and fibroblast-derived gene products in healing skeletal muscle using quantitative reverse transcription-polymerase chain reaction. <i>Journal of Orthopaedic Research</i> , 2001, 19, 565-572.	1.2	35
35	Hyperbaric oxygen therapy for delayed onset muscle soreness and closed soft tissue injury. <i>The Cochrane Library</i> , 2005, , CD004713.	1.5	29
36	A biologically-assisted curved muscle model of the lumbar spine: Model structure. <i>Clinical Biomechanics</i> , 2016, 37, 53-59.	0.5	29

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37	Evaluation of a new method to create a standardized muscle stretch injury. <i>Medicine and Science in Sports and Exercise</i> , 1998, 30, 200-205.	0.2	27
38	Exercise Deficit Disorder in Youth. <i>Current Sports Medicine Reports</i> , 2013, 12, 248-255.	0.5	26
39	Are There Differences in Ice Hockey Injuries Between Sexes?. <i>Orthopaedic Journal of Sports Medicine</i> , 2014, 2, 232596711351818.	0.8	26
40	Sustained acoustic medicine: wearable, long duration ultrasonic therapy for the treatment of tendinopathy. <i>Physician and Sportsmedicine</i> , 2015, 43, 366-374.	1.0	24
41	A biologically-assisted curved muscle model of the lumbar spine: Model validation. <i>Clinical Biomechanics</i> , 2016, 37, 153-159.	0.5	22
42	Stretch-Activated Ion Channel Blockade Attenuates Adaptations to Eccentric Exercise. <i>Medicine and Science in Sports and Exercise</i> , 2009, 41, 351-356.	0.2	19
43	A Mechatronic System for Quantitative Application and Assessment of Massage-Like Actions in Small Animals. <i>Annals of Biomedical Engineering</i> , 2014, 42, 36-49.	1.3	18
44	How Effective are Diagnostic Tests for the Assessment of Rotator Cuff Disease of the Shoulder?. , 0, , 327-360.		16
45	Effects of immediate vs. delayed massage-like loading on skeletal muscle viscoelastic properties following eccentric exercise. <i>Clinical Biomechanics</i> , 2014, 29, 671-678.	0.5	15
46	Po2 cycling protects diaphragm function during reoxygenation via ROS, Akt, ERK, and mitochondrial channels. <i>American Journal of Physiology - Cell Physiology</i> , 2015, 309, C759-C766.	2.1	15
47	Association Between Ball-Handling Versus Defending Actions and Acute Noncontact Lower Extremity Injuries in High School Basketball and Soccer. <i>American Journal of Sports Medicine</i> , 2015, 43, 802-807.	1.9	15
48	Development and testing of a moment-based coactivation index to assess complex dynamic tasks for the lumbar spine. <i>Clinical Biomechanics</i> , 2017, 46, 23-32.	0.5	15
49	Republished: Stem cells, angiogenesis and muscle healing: a potential role in massage therapies?. <i>Postgraduate Medical Journal</i> , 2013, 89, 666-670.	0.9	13
50	PO2 Cycling Reduces Diaphragm Fatigue by Attenuating ROS Formation. <i>PLoS ONE</i> , 2014, 9, e109884.	1.1	13
51	Muscle co-contraction during gait in individuals with articular cartilage defects in the knee. <i>Gait and Posture</i> , 2016, 48, 68-73.	0.6	11
52	Does Stretching Help Prevent Injuries?. , 0, , 36-58.		9
53	Top 10 Research Questions Related to Exercise Deficit Disorder (EDD) in Youth. <i>Research Quarterly for Exercise and Sport</i> , 2014, 85, 297-307.	0.8	9
54	Lumbopelvic Neuromuscular Training and Injury Rehabilitation. <i>Clinical Journal of Sport Medicine</i> , 2013, 23, 160-171.	0.9	8

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55	Transverse forces in skeletal muscle with massage-like loading in a rabbit model. BMC Complementary and Alternative Medicine, 2014, 14, 393.	3.7	6
56	Can we Prevent Ankle Sprains?. , 0, , 519-537.		4
57	How Evidence-based is our Examination of the Shoulder?. , 0, , 301-326.		4
58	Hamstring Strains. Physician and Sportsmedicine, 1996, 24, 37-44.	1.0	3
59	Brain damage in American Football Inevitable consequence or avoidable risk?. British Journal of Sports Medicine, 2015, 49, 1015-1016.	3.1	2
60	How Evidence-based is our Clinical Examination of the Ankle?. , 0, , 511-518.		2
61	Is it Possible to Prevent Sports and Recreation Injuries? A Systematic Review of Randomized Controlled Trials, with Recommendations for Future Work. , 0, , 1-17.		1
62	What Type of Exercise Reduces Falls in Older People?. , 0, , 135-166.		1
63	Brain damage in American Football. BMJ, The, 2015, 350, h1381.	3.0	1
64	What is the Most Appropriate Treatment for Patellar Tendinopathy?. , 0, , 476-490.		1
65	What is the Role of Ice in Soft-tissue Injury Management?. , 0, , 187-207.		1
66	What Effect do Core Strength and Stability have on Injury Prevention and Recovery?. , 0, , 59-72.		1
67	How to Manage Plantar Fasciitis. , 0, , 586-601.		0
68	Predicting Return to Sprinting after Acute Hamstring Strains. Clinical Journal of Sport Medicine, 2008, 18, 104-105.	0.9	0
69	Spinal Loading and Immune Responses to Personality and Mental Load During Repetitive Lifting. Proceedings of the Human Factors and Ergonomics Society, 2011, 55, 1034-1038.	0.2	0
70	What is the Best Treatment of Subcutaneous Rupture of the Achilles Tendon?. , 0, , 562-585.		0
71	Multiple-Choice Question Answers. , 0, , 602-602.		0
72	Is there a Role for Exercise in the Prevention of Osteoporotic Fractures?. , 0, , 167-185.		0

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73	Compression. , 0, , 208-221.		0
74	NSAIDs and Pain Management in Sports. , 0, , 222-240.		0
75	Benefits of Regular Exercise in the Treatment and Management of Bronchial Asthma. , 0, , 241-256.		0
76	What is the Role of Exercise in the Prevention of Back Pain?. , 0, , 257-280.		0
77	How Should you Treat Spondylolysis in the Athlete?. , 0, , 281-300.		0
78	How Should you Treat an Athlete with a First-time Dislocation of the Shoulder?. , 0, , 361-390.		0
79	Are Corticosteroid Injections as Effective as Physiotherapy for the Treatment of a Painful Shoulder?. , 0, , 391-417.		0
80	How Should you Treat Tennis Elbow? An Updated Scientific Evidence-based Approach. , 0, , 418-433.		0
81	What is the Optimal Treatment of Acute Anterior Cruciate Ligament Injury?. , 0, , 453-475.		0
82	How do you Treat Chronic Groin Pain?. , 0, , 491-509.		0
83	How Should you Treat a Stress Fracture?. , 0, , 538-561.		0
84	Who Should Retire After Repeated Concussions?. , 0, , 93-107.		0
85	What Recommendations should be Made Concerning Exercising with a Fever and/or Acute Infection?. , 0, , 108-119.		0
86	Should you Play Sport with a Congenital or Acquired Abnormality of a Solid Abdominal Organ?. , 0, , 120-134.		0