Aharon S Finestone

List of Publications by Year
in descending order

108 papers	3,684 citations	147566 31 h-index	143772 57 g-index
110 all docs	110 docs citations	110 times ranked	2671 citing authors

#	Article	IF	Citations
1	In vivo measurement of human tibial strains during vigorous activity. Bone, 1996, 18, 405-410.	1.4	604
2	Risk Factors for Lateral Ankle Sprain: A Prospective Study Among Military Recruits. Foot & Ankle, 1991, 12, 26-30.	0.6	176
3	The effect of muscle fatigue on in vivo tibial strains. Journal of Biomechanics, 2007, 40, 845-850.	0.9	114
4	Patellofemoral pain caused by overactivity. A prospective study of risk factors in infantry recruits.. Journal of Bone and Joint Surgery - Series A, 1991, 73, 1041-1043.	1.4	109
5	Using Bone's Adaptation Ability to Lower the Incidence of Stress Fractures. American Journal of Sports Medicine, 2000, 28, 245-251.	1.9	107
6	Bracing in external rotation for traumatic anterior dislocation of the shoulder. Journal of Bone and Joint Surgery: British Volume, 2009, 91-B, 918-921.	3.4	103
7	Do high impact exercises produce higher tibial strains than running?. British Journal of Sports Medicine, 2000, 34, 195-199.	3.1	96
8	Are overground or treadmill runners more likely to sustain tibial stress fracture?. British Journal of Sports Medicine, 2003, 37, 160-163.	3.1	91
9	An Earthquake Disaster in Turkey: An Overview of the Experience of the Israeli Defence Forces Field Hospital in Adapazari. Disasters, 2000, 24, 262-270.	1.1	90
10	The effect of prophylactic treatment with risedronate on stress fracture incidence among infantry recruits. Bone, 2004, 35, 418-424.	1.4	88
11	Prevention of Stress Fractures Using Custom Biomechanical Shoe Orthoses. Clinical Orthopaedics and Related Research, 1999, 360, 182-190.	0.7	81
12	In-vivo strain measurements to evaluate the strengthening potential of exercises on the tibial bone. Journal of Bone and Joint Surgery: British Volume, 2000, 82, 591-4.	3.4	80
13	How Stress Fracture Incidence Was Lowered in the Israeli Army. Medicine and Science in Sports and Exercise, 2008, 40, S623-S629.	0.2	76
14	A Prospective Study of the Effect of Foot Orthoses Composition and Fabrication on Comfort and the Incidence of Overuse Injuries. Foot and Ankle International, 2004, 25, 462-466.	1.1	72
15	A prospective biomechanical study of the association between foot pronation and the incidence of anterior knee pain among military recruits. Journal of Bone and Joint Surgery: British Volume, 2006, 88-B, 905-908.	3.4	63
16	Metatarsal Strains Are Sufficient to Cause Fatigue Fracture During Cyclic Overloading. Foot and Ankle International, 2002, 23, 230-235.	1.1	57
17	Stress Fractures in the Israeli Defense Forces From 1995 to 1996. Clinical Orthopaedics and Related Research, 2000, 373, 227-232.	0.7	54
18	Limited ankle dorsiflexion increases the risk for midâ€portion Achilles tendinopathy in infantry recruits: a prospective cohort study. Journal of Foot and Ankle Research, 2014, 7, 48.	0.7	54

#	Article	IF	Citations
19	Percutaneous Tenotomy for the Treatment of Diabetic Toe Ulcers. Foot and Ankle International, 2014, 35, 38-43.	1.1	52
20	Overuse Injuries in Female Infantry Recruits during Low-Intensity Basic Training. Medicine and Science in Sports and Exercise, 2008, 40, S630-S635.	0.2	50
21	Overexertional Lumbar and Thoracic Back Pain Among Recruits. Journal of Spinal Disorders, 1993, 6, 187-193.	1.1	48
22	The Role of Biomechanical Shoe Orthoses in Tibial Stress Fracture Prevention. American Journal of Sports Medicine, 2002, 30, 866-870.	1.9	48
23	Factors Associated With Visually Assessed Quality of Movement During a Lateral Step-down Test Among Individuals With Patellofemoral Pain. Journal of Orthopaedic and Sports Physical Therapy, 2014, 44, 937-946.	1.7	48
24	Dietary intake and stress fractures among elite male combat recruits. Journal of the International Society of Sports Nutrition, 2012, 9, 6.	1.7	47
25	Cold Weather Training: A Risk Factor for Achilles Paratendinitis among Recruits. Foot and Ankle International, 2003, 24, 398-401.	1.1	44
26	A prevalence study of recurrent shoulder dislocations in young adults. Journal of Shoulder and Elbow Surgery, 1998, 7, 621-624.	1.2	41
27	Accuracy of the Anterior Apprehension Test as a Predictor of Risk for Redislocation after a First Traumatic Shoulder Dislocation. American Journal of Sports Medicine, 2010, 38, 972-975.	1.9	41
28	Prediction Model for Stress Fracture in Young Female Recruits during Basic Training. Medicine and Science in Sports and Exercise, 2008, 40, S636-S644.	0.2	40
29	Epidemiology of Metatarsal Stress Fractures Versus Tibial and Femoral Stress Fractures During Elite Training. Foot and Ankle International, 2011, 32, 16-20.	1.1	38
30	Anterior Knee Pain Caused by Overactivity. Clinical Orthopaedics and Related Research, 1996, 331, 256-260.	0.7	37
31	Do Physicians Correctly Estimate Radiation Risks from Medical Imaging?. Archives of Environmental Health, 2003, 58, 59-62.	0.4	37
32	Dry Needling as a Treatment Modality for Tendinopathy: a Narrative Review. Current Reviews in Musculoskeletal Medicine, 2020, 13, 133-140.	1.3	35
33	The Association between Hematological and Inflammatory Factors and Stress Fractures among Female Military Recruits. Medicine and Science in Sports and Exercise, 2008, 40, S691-S697.	0.2	33
34	Relationship Between Lower Extremity Alignment and Hallux Valgus in Women. Foot and Ankle International, 2013, 34, 824-831.	1.1	33
35	Weight-Bearing Ankle Dorsiflexion Range of Motionâ€"Can Side-to-Side Symmetry Be Assumed?. Journal of Athletic Training, 2015, 50, 30-35.	0.9	32
36	Exercise-induced strain and strain rate in the distal radius. Journal of Bone and Joint Surgery: British Volume, 2005, 87-B, 261-266.	3.4	30

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37	Mini-Invasive floating metatarsal osteotomy for resistant or recurrent neuropathic plantar metatarsal head ulcers. Journal of Orthopaedic Surgery and Research, 2016, 11, 78.	0.9	29
38	A Controlled Randomized Study of the Effect of Training With Orthoses on the Incidence of Weight Bearing Induced Back Pain Among Infantry Recruits. Spine, 2005, 30, 272-275.	1.0	28
39	Orthopaedistsâ€™ and Family Practitionersâ€™ Knowledge of Simple Low Back Pain Management. Spine, 2009, 34, 1600-1603.	1.0	28
40	Achilles Tendons Hypertrophy in Response to High Loading Training. Foot and Ankle International, 2014, 35, 1303-1308.	1.1	28
41	Resection Arthroplasty for Resistant Ulcers Underlying the Hallux in Insensate Diabetics. Foot and Ankle International, 2015, 36, 969-975.	1.1	28
42	Evaluation of the Performance of Females as Light Infantry Soldiers. BioMed Research International, 2014, 2014, 1-7.	0.9	26
43	The Effect of Shoe Gear on Human Tibial Strains Recorded During Dynamic Loading: A Pilot Study. Foot and Ankle International, 1996, 17, 667-671.	1.1	25
44	A comparison of bone strain measurements at anatomically relevant sites using surface gauges versus strain gauged bone staples. Journal of Biomechanics, 2004, 37, 947-952.	0.9	25
45	Physical and psychological stressors linked with stress fractures in recruit training. Scandinavian Journal of Medicine and Science in Sports, 2013, 23, 443-450.	1.3	25
46	A Home Exercise Program for Tibial Bone Strengthening Based on In Vivo Strain Measurements. American Journal of Physical Medicine and Rehabilitation, 2001, 80, 433-438.	0.7	24
47	Surgical offloading procedures for diabetic foot ulcers compared to best nonâ€surgical treatment: a study protocol for a randomized controlled trial. Journal of Foot and Ankle Research, 2018, 11, 6.	0.7	23
48	The Role of Foot Pronation in the Development of Femoral and Tibial Stress Fractures: A Prospective Biomechanical Study. Clinical Journal of Sport Medicine, 2008, 18, 18-23.	0.9	22
49	Nutrition Consumption of Female Combat Recruits in Army Basic Training. Medicine and Science in Sports and Exercise, 2008, 40, S677-S684.	0.2	21
50	Equipment Modification Is Associated With Fewer Stress Fractures in Female Israel Border Police Recruits. Military Medicine, 2010, 175, 799-804.	0.4	21
51	The Effect of Shoe Sole Composition onIn VivoTibial Strains During Walking. Foot and Ankle International, 2001, 22, 598-602.	1.1	20
52	Off-Loading of Hindfoot and Midfoot Neuropathic Ulcers Using a Fiberglass Cast with a Metal Stirrup. Foot and Ankle International, 2007, 28, 1048-1052.	1.1	20
53	Ankle Dorsiflexion Among Healthy Men With Different Qualities of Lower Extremity Movement. Journal of Athletic Training, 2014, 49, 617-623.	0.9	19
54	Management of Chronic Exertional Compartment Syndrome and Fascial Hernias in the Anterior Lower Leg With the Forefoot Rise Test and Limited Fasciotomy. Foot and Ankle International, 2014, 35, 285-292.	1.1	19

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55	Comparison of hospital worker anxiety in COVID-19 treating and non-treating hospitals in the same city during the COVID-19 pandemic. Israel Journal of Health Policy Research, 2020, 9, 55.	1.4	19
56	The prevalence of low hemoglobin values among new infantry recruits and nonlinear relationship between hemoglobin concentration and physical fitness. American Journal of Hematology, 2007, 82, 128-133.	2.0	18
57	A Simplified Model to Predict Stress Fracture in Young Elite Combat Recruits. Journal of Strength and Conditioning Research, 2012, 26, 2585-2592.	1.0	17
58	The effect of stress fracture interventions in a single elite infantry training unit (1983â€“2015). Bone, 2017, 103, 125-130.	1.4	17
59	Testicular Carcinoma: A Study of Knowledge, Awareness, and Practice of Testicular Self-Examination in Male Soldiers and Military Physicians. Military Medicine, 1993, 158, 640-643.	0.4	16
60	A Comparison of the Effect of Shoes on Human Tibial Axial Strains Recorded during Dynamic Loading. Foot and Ankle International, 1998, 19, 85-90.	1.1	16
61	An Earthquake Disaster in Turkey: Assessment of the Need for Plastic Surgery Services in a Crisis Intervention Field Hospital. Plastic and Reconstructive Surgery, 2001, 107, 163-168.	0.7	16
62	Magnetic resonance imaging showed no signs of overuse or permanent injury to the lumbar sacral spine during a Special Forces training course. Spine Journal, 2008, 8, 578-583.	0.6	16
63	Test-retest reliability of myofascial trigger point detection in hip and thigh areas. Journal of Bodywork and Movement Therapies, 2017, 21, 914-919.	0.5	16
64	Pattern of outsole shoe heel wear in infantry recruits. Journal of Foot and Ankle Research, 2012, 5, 27.	0.7	15
65	The Completely Asymptomatic Displaced Femoral Stress Fracture: A Case Report and Review of the Literature. Military Medicine, 2006, 171, 37-39.	0.4	14
66	The supine apprehension test helps predict the risk of recurrent instability after a first-time anterior shoulder dislocation. Journal of Shoulder and Elbow Surgery, 2014, 23, 1838-1842.	1.2	14
67	Understanding the etiology of the posteromedial tibial stress fracture. Bone, 2015, 78, 11-14.	1.4	14
68	Marcher's Digitalgia Paresthetica Among Recruits. Foot & Ankle, 1989, 9, 312-313.	0.6	13
69	Medial tibial stress fracture diagnosis and treatment guidelines. Journal of Science and Medicine in Sport, 2021, 24, 526-530.	0.6	13
70	Predictors of return to work with upper limb disorders. Occupational Medicine, 2015, 65, 564-569.	0.8	11
71	Extended duration of vertical position might impair bone metabolism. European Journal of Clinical Investigation, 1994, 24, 421-425.	1.7	10
72	Toe-Sparing Surgery for Neuropathic Toe Ulcers With Exposed Bone or Joint in an Outpatient Setting. International Journal of Lower Extremity Wounds, 2016, 15, 142-147.	0.6	10

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73	EFFECT OF CANE USE ON TIBIAL STRAIN AND STRAIN RATES1. American Journal of Physical Medicine and Rehabilitation, 1998, 77, 333-338.	0.7	10
74	Back disorders among Israeli youth: a prevalence study in young militaryÂrecruits. Spine Journal, 2012, 12, 749-755.	0.6	9
75	The prevalence of myofascial trigger points in hip and thigh areas in anterior knee pain patients. Journal of Bodywork and Movement Therapies, 2020, 24, 31-38.	0.5	9
76	Effect of Mini-invasive Floating Metatarsal Osteotomy on Plantar Pressure in Patients With Diabetic Plantar Metatarsal Head Ulcers. Foot and Ankle International, 2021, 42, 536-543.	1.1	9
77	Diagnostic Medical Auxiliary Equipment in a Field Hospital: Experience from the Israeli Delegation to the Site of the Turkish Earthquake at Adapazari. Military Medicine, 2001, 166, 637-640.	0.4	8
78	Outpatient Negative-Pressure Wound Therapy Following Surgical Debridement: Results and Complications. Advances in Skin and Wound Care, 2018, 31, 365-369.	0.5	8
79	The effect of high versus low loading on bone strength in middle life. Bone, 2012, 50, 865-869.	1.4	7
80	Mini Invasive Floating Metatarsal Osteotomy for Diabetic Foot Ulcers Under the First Metatarsal Head: A Case Series. International Journal of Lower Extremity Wounds, 2022, 21, 131-136.	0.6	7
81	The Association between Increased Body Mass Index and Overuse Injuries in Israel Defense Forces Conscripts. Obesity Facts, 2020, 13, 152-165.	1.6	7
82	Diagnosis and Treatment of Stress Fractures. , 2012, , 775-785.		7
83	The case for orthopaedic medicine in Israel. Israel Journal of Health Policy Research, 2013, 2, 42.	1.4	6
84	The incidence and worsening of newly diagnosed low back pain in a population of young male military recruits. BMC Musculoskeletal Disorders, 2016, 17, 279.	0.8	6
85	Position Statement of the Israeli Society for Musculoskeletal Medicine on Intramuscular Stimulation for Myofascial Pain Syndromeâ€"A Delphi Process. Pain Practice, 2017, 17, 438-446.	0.9	6
86	The relationship between low back pain and professional driving in young military recruits. BMC Musculoskeletal Disorders, 2018, 19, 110.	0.8	6
87	Differences in the principal strain angles during activities performed on natural hilly terrain versus engineered surfaces. Clinical Biomechanics, 2020, 80, 105146.	0.5	6
88	Assessing kyphosis with SpineScan: another attempt to reduce our dependence on radiography. Spine Journal, 2013, 13, 926-931.	0.6	5
89	The search for the best infantry boot. Disaster and Military Medicine, 2016, 2, 14.	1.0	5
90	Telecommunications in Israeli field hospitals deployed to three crisis zones. Disasters, 2014, 38, 833-845.	1.1	4

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91	Clinical Knee Alignment among Adolescents and Association with Body Mass Index: A Large Prevalence Study. Israel Medical Association Journal, 2018, 20, 75-79.	0.1	4
92	The Effect of Very High versus Very Low Sustained Loading on the Lower Back and Knees in Middle Life. BioMed Research International, 2013, 2013, 1-6.	0.9	3
93	Reliability of Trigger Point Evaluation in the Lower Leg Muscles. Pain Medicine, 2021, 22, 2283-2289.	0.9	2
94	Reliability and validity of the Hebrew version of the forgotten joint score for assessing the outcomes of total knee arthroplasty. Arthroplasty, 2021, 3, 27.	0.9	2
95	Occupational influences on Spondylolysis and Spondylolisthesis in a cohort of 18-year-old male military conscripts. BMC Musculoskeletal Disorders, 2020, 21, 720.	0.8	1
96	In vivo strains at the middle and distal thirds of the tibia during exertional activities. Bone Reports, 2022, 16, 101170.	0.2	1
97	The correlation between the ACR questionnaire and fitness for work of fibromyalgia patients. Clinical and Experimental Rheumatology, 2021, 39, 61-65.	0.4	1
98	The effect of orthotics oninÂvivoaxial tibial and second metatarsal strains. Footwear Science, 2011, 3, 91-96.	0.8	0
99	Cardiovascular and bone health of former elite infantry soldiers at middle life. Disaster and Military Medicine, 2015, 1, 3.	1.0	0
100	The local and referred pain patterns of the longus colli muscle. Journal of Bodywork and Movement Therapies, 2017, 21, 267-273.	0.5	0
101	0078â€...The risk for low back pain caused by driving professions in a young adult population. , 2017, , .		0
102	Prevention of Stress Fractures by Modifying Shoe Wear. Exercise Physiology, 2000, , 233-245.	0.2	0
103	The Association between Hematological and Inflammatory Factors and Stress Fractures among Female Military Recruits.. Blood, 2007, 110, 5160-5160.	0.6	0
104	Epidemiology and Anatomy of Stress Fractures. , 2012, , 769-773.		0
105	Epidemiology and Anatomy of Stress Fractures. , 2014, , 1-11.		0
106	Diagnosis and Treatment of Stress Fractures. , 2015, , 1967-1981.		0
107	Epidemiology and Anatomy of Stress Fractures. , 2015, , 1983-1991.		0
108	The correlation between the ACR questionnaire and fitness for work of fibromyalgia patients. Clinical and Experimental Rheumatology, 2021, 39 Suppl 130, 61-65.	0.4	0