

# Aharon S Finestone

## List of Publications by Year in descending order

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Version: 2024-02-01

108  
papers

3,684  
citations

147801

31  
h-index

144013

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. <i>Bone</i> , 1996, 18, 405-410.	2.9	604
2	Risk Factors for Lateral Ankle Sprain: A Prospective Study Among Military Recruits. <i>Foot &amp; Ankle</i> , 1991, 12, 26-30.	0.7	176
3	The effect of muscle fatigue on in vivo tibial strains. <i>Journal of Biomechanics</i> , 2007, 40, 845-850.	2.1	114
4	Patellofemoral pain caused by overactivity. A prospective study of risk factors in infantry recruits.. <i>Journal of Bone and Joint Surgery - Series A</i> , 1991, 73, 1041-1043.	3.0	109
5	Using Bone's Adaptation Ability to Lower the Incidence of Stress Fractures. <i>American Journal of Sports Medicine</i> , 2000, 28, 245-251.	4.2	107
6	Bracing in external rotation for traumatic anterior dislocation of the shoulder. <i>Journal of Bone and Joint Surgery: British Volume</i> , 2009, 91-B, 918-921.	3.4	103
7	Do high impact exercises produce higher tibial strains than running?. <i>British Journal of Sports Medicine</i> , 2000, 34, 195-199.	6.7	96
8	Are overground or treadmill runners more likely to sustain tibial stress fracture?. <i>British Journal of Sports Medicine</i> , 2003, 37, 160-163.	6.7	91
9	An Earthquake Disaster in Turkey: An Overview of the Experience of the Israeli Defence Forces Field Hospital in Adapazari. <i>Disasters</i> , 2000, 24, 262-270.	2.2	90
10	The effect of prophylactic treatment with risedronate on stress fracture incidence among infantry recruits. <i>Bone</i> , 2004, 35, 418-424.	2.9	88
11	Prevention of Stress Fractures Using Custom Biomechanical Shoe Orthoses. <i>Clinical Orthopaedics and Related Research</i> , 1999, 360, 182-190.	1.5	81
12	In vivo strain measurements to evaluate the strengthening potential of exercises on the tibial bone. <i>Journal of Bone and Joint Surgery: British Volume</i> , 2000, 82, 591-594.	3.4	80
13	How Stress Fracture Incidence Was Lowered in the Israeli Army. <i>Medicine and Science in Sports and Exercise</i> , 2008, 40, S623-S629.	0.4	76
14	A Prospective Study of the Effect of Foot Orthoses Composition and Fabrication on Comfort and the Incidence of Overuse Injuries. <i>Foot and Ankle International</i> , 2004, 25, 462-466.	2.3	72
15	A prospective biomechanical study of the association between foot pronation and the incidence of anterior knee pain among military recruits. <i>Journal of Bone and Joint Surgery: British Volume</i> , 2006, 88-B, 905-908.	3.4	63
16	Metatarsal Strains Are Sufficient to Cause Fatigue Fracture During Cyclic Overloading. <i>Foot and Ankle International</i> , 2002, 23, 230-235.	2.3	57
17	Stress Fractures in the Israeli Defense Forces From 1995 to 1996. <i>Clinical Orthopaedics and Related Research</i> , 2000, 373, 227-232.	1.5	54
18	Limited ankle dorsiflexion increases the risk for mid-portion Achilles tendinopathy in infantry recruits: a prospective cohort study. <i>Journal of Foot and Ankle Research</i> , 2014, 7, 48.	1.9	54

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19	Percutaneous Tenotomy for the Treatment of Diabetic Toe Ulcers. <i>Foot and Ankle International</i> , 2014, 35, 38-43.	2.3	52
20	Overuse Injuries in Female Infantry Recruits during Low-Intensity Basic Training. <i>Medicine and Science in Sports and Exercise</i> , 2008, 40, S630-S635.	0.4	50
21	Overexertional Lumbar and Thoracic Back Pain Among Recruits. <i>Journal of Spinal Disorders</i> , 1993, 6, 187-193.	1.1	48
22	The Role of Biomechanical Shoe Orthoses in Tibial Stress Fracture Prevention. <i>American Journal of Sports Medicine</i> , 2002, 30, 866-870.	4.2	48
23	Factors Associated With Visually Assessed Quality of Movement During a Lateral Step-down Test Among Individuals With Patellofemoral Pain. <i>Journal of Orthopaedic and Sports Physical Therapy</i> , 2014, 44, 937-946.	3.5	48
24	Dietary intake and stress fractures among elite male combat recruits. <i>Journal of the International Society of Sports Nutrition</i> , 2012, 9, 6.	3.9	47
25	Cold Weather Training: A Risk Factor for Achilles Paratendinitis among Recruits. <i>Foot and Ankle International</i> , 2003, 24, 398-401.	2.3	44
26	A prevalence study of recurrent shoulder dislocations in young adults. <i>Journal of Shoulder and Elbow Surgery</i> , 1998, 7, 621-624.	2.6	41
27	Accuracy of the Anterior Apprehension Test as a Predictor of Risk for Redislocation after a First Traumatic Shoulder Dislocation. <i>American Journal of Sports Medicine</i> , 2010, 38, 972-975.	4.2	41
28	Prediction Model for Stress Fracture in Young Female Recruits during Basic Training. <i>Medicine and Science in Sports and Exercise</i> , 2008, 40, S636-S644.	0.4	40
29	Epidemiology of Metatarsal Stress Fractures Versus Tibial and Femoral Stress Fractures During Elite Training. <i>Foot and Ankle International</i> , 2011, 32, 16-20.	2.3	38
30	Anterior Knee Pain Caused by Overactivity. <i>Clinical Orthopaedics and Related Research</i> , 1996, 331, 256-260.	1.5	37
31	Do Physicians Correctly Estimate Radiation Risks from Medical Imaging?. <i>Archives of Environmental Health</i> , 2003, 58, 59-62.	0.4	37
32	Dry Needling as a Treatment Modality for Tendinopathy: a Narrative Review. <i>Current Reviews in Musculoskeletal Medicine</i> , 2020, 13, 133-140.	3.5	35
33	The Association between Hematological and Inflammatory Factors and Stress Fractures among Female Military Recruits. <i>Medicine and Science in Sports and Exercise</i> , 2008, 40, S691-S697.	0.4	33
34	Relationship Between Lower Extremity Alignment and Hallux Valgus in Women. <i>Foot and Ankle International</i> , 2013, 34, 824-831.	2.3	33
35	Weight-Bearing Ankle Dorsiflexion Range of Motion—Can Side-to-Side Symmetry Be Assumed?. <i>Journal of Athletic Training</i> , 2015, 50, 30-35.	1.8	32
36	Exercise-induced strain and strain rate in the distal radius. <i>Journal of Bone and Joint Surgery: British Volume</i> , 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. <i>Journal of Orthopaedic Surgery and Research</i> , 2016, 11, 78.	2.3	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. <i>Spine</i> , 2005, 30, 272-275.	2.0	28
39	Orthopaedists™ and Family Practitioners™ Knowledge of Simple Low Back Pain Management. <i>Spine</i> , 2009, 34, 1600-1603.	2.0	28
40	Achilles Tendons Hypertrophy in Response to High Loading Training. <i>Foot and Ankle International</i> , 2014, 35, 1303-1308.	2.3	28
41	Resection Arthroplasty for Resistant Ulcers Underlying the Hallux in Insensate Diabetics. <i>Foot and Ankle International</i> , 2015, 36, 969-975.	2.3	28
42	Evaluation of the Performance of Females as Light Infantry Soldiers. <i>BioMed Research International</i> , 2014, 2014, 1-7.	1.9	26
43	The Effect of Shoe Gear on Human Tibial Strains Recorded During Dynamic Loading: A Pilot Study. <i>Foot and Ankle International</i> , 1996, 17, 667-671.	2.3	25
44	A comparison of bone strain measurements at anatomically relevant sites using surface gauges versus strain gauged bone staples. <i>Journal of Biomechanics</i> , 2004, 37, 947-952.	2.1	25
45	Physical and psychological stressors linked with stress fractures in recruit training. <i>Scandinavian Journal of Medicine and Science in Sports</i> , 2013, 23, 443-450.	2.9	25
46	A Home Exercise Program for Tibial Bone Strengthening Based on In Vivo Strain Measurements. <i>American Journal of Physical Medicine and Rehabilitation</i> , 2001, 80, 433-438.	1.4	24
47	Surgical offloading procedures for diabetic foot ulcers compared to best non-surgical treatment: a study protocol for a randomized controlled trial. <i>Journal of Foot and Ankle Research</i> , 2018, 11, 6.	1.9	23
48	The Role of Foot Pronation in the Development of Femoral and Tibial Stress Fractures: A Prospective Biomechanical Study. <i>Clinical Journal of Sport Medicine</i> , 2008, 18, 18-23.	1.8	22
49	Nutrition Consumption of Female Combat Recruits in Army Basic Training. <i>Medicine and Science in Sports and Exercise</i> , 2008, 40, S677-S684.	0.4	21
50	Equipment Modification Is Associated With Fewer Stress Fractures in Female Israel Border Police Recruits. <i>Military Medicine</i> , 2010, 175, 799-804.	0.8	21
51	The Effect of Shoe Sole Composition on <i>In Vivo</i> Tibial Strains During Walking. <i>Foot and Ankle International</i> , 2001, 22, 598-602.	2.3	20
52	Off-Loading of Hindfoot and Midfoot Neuropathic Ulcers Using a Fiberglass Cast with a Metal Stirrup. <i>Foot and Ankle International</i> , 2007, 28, 1048-1052.	2.3	20
53	Ankle Dorsiflexion Among Healthy Men With Different Qualities of Lower Extremity Movement. <i>Journal of Athletic Training</i> , 2014, 49, 617-623.	1.8	19
54	Management of Chronic Exertional Compartment Syndrome and Fascial Hernias in the Anterior Lower Leg With the Forefoot Rise Test and Limited Fasciotomy. <i>Foot and Ankle International</i> , 2014, 35, 285-292.	2.3	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. <i>Israel Journal of Health Policy Research</i> , 2020, 9, 55.	2.6	19
56	The prevalence of low hemoglobin values among new infantry recruits and nonlinear relationship between hemoglobin concentration and physical fitness. <i>American Journal of Hematology</i> , 2007, 82, 128-133.	4.1	18
57	A Simplified Model to Predict Stress Fracture in Young Elite Combat Recruits. <i>Journal of Strength and Conditioning Research</i> , 2012, 26, 2585-2592.	2.1	17
58	The effect of stress fracture interventions in a single elite infantry training unit (1983â€“2015). <i>Bone</i> , 2017, 103, 125-130.	2.9	17
59	Testicular Carcinoma: A Study of Knowledge, Awareness, and Practice of Testicular Self-Examination in Male Soldiers and Military Physicians. <i>Military Medicine</i> , 1993, 158, 640-643.	0.8	16
60	A Comparison of the Effect of Shoes on Human Tibial Axial Strains Recorded during Dynamic Loading. <i>Foot and Ankle International</i> , 1998, 19, 85-90.	2.3	16
61	An Earthquake Disaster in Turkey: Assessment of the Need for Plastic Surgery Services in a Crisis Intervention Field Hospital. <i>Plastic and Reconstructive Surgery</i> , 2001, 107, 163-168.	1.4	16
62	Magnetic resonance imaging showed no signs of overuse or permanent injury to the lumbar sacral spine during a Special Forces training course. <i>Spine Journal</i> , 2008, 8, 578-583.	1.3	16
63	Test-retest reliability of myofascial trigger point detection in hip and thigh areas. <i>Journal of Bodywork and Movement Therapies</i> , 2017, 21, 914-919.	1.2	16
64	Pattern of outsole shoe heel wear in infantry recruits. <i>Journal of Foot and Ankle Research</i> , 2012, 5, 27.	1.9	15
65	The Completely Asymptomatic Displaced Femoral Stress Fracture: A Case Report and Review of the Literature. <i>Military Medicine</i> , 2006, 171, 37-39.	0.8	14
66	The supine apprehension test helps predict the risk of recurrent instability after a first-time anterior shoulder dislocation. <i>Journal of Shoulder and Elbow Surgery</i> , 2014, 23, 1838-1842.	2.6	14
67	Understanding the etiology of the posteromedial tibial stress fracture. <i>Bone</i> , 2015, 78, 11-14.	2.9	14
68	Marcher's Digitalgia Paresthetica Among Recruits. <i>Foot &amp; Ankle</i> , 1989, 9, 312-313.	0.7	13
69	Medial tibial stress fracture diagnosis and treatment guidelines. <i>Journal of Science and Medicine in Sport</i> , 2021, 24, 526-530.	1.3	13
70	Predictors of return to work with upper limb disorders. <i>Occupational Medicine</i> , 2015, 65, 564-569.	1.4	11
71	Extended duration of vertical position might impair bone metabolism. <i>European Journal of Clinical Investigation</i> , 1994, 24, 421-425.	3.4	10
72	Toe-Sparing Surgery for Neuropathic Toe Ulcers With Exposed Bone or Joint in an Outpatient Setting. <i>International Journal of Lower Extremity Wounds</i> , 2016, 15, 142-147.	1.1	10

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73	EFFECT OF CANE USE ON TIBIAL STRAIN AND STRAIN RATES <sup>1</sup> . American Journal of Physical Medicine and Rehabilitation, 1998, 77, 333-338.	1.4	10
74	Back disorders among Israeli youth: a prevalence study in young military recruits. Spine Journal, 2012, 12, 749-755.	1.3	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.	1.2	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.	2.3	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.	0.8	8
78	Outpatient Negative-Pressure Wound Therapy Following Surgical Debridement: Results and Complications. Advances in Skin and Wound Care, 2018, 31, 365-369.	1.0	8
79	The effect of high versus low loading on bone strength in middle life. Bone, 2012, 50, 865-869.	2.9	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.	1.1	7
81	The Association between Increased Body Mass Index and Overuse Injuries in Israel Defense Forces Conscripts. Obesity Facts, 2020, 13, 152-165.	3.4	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.	2.6	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.	1.9	6
85	Position Statement of the Israeli Society for Musculoskeletal Medicine on Intramuscular Stimulation for Myofascial Pain Syndrome – A Delphi Process. Pain Practice, 2017, 17, 438-446.	1.9	6
86	The relationship between low back pain and professional driving in young military recruits. BMC Musculoskeletal Disorders, 2018, 19, 110.	1.9	6
87	Differences in the principal strain angles during activities performed on natural hilly terrain versus engineered surfaces. Clinical Biomechanics, 2020, 80, 105146.	1.2	6
88	Assessing kyphosis with SpineScan: another attempt to reduce our dependence on radiography. Spine Journal, 2013, 13, 926-931.	1.3	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.	2.2	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.	1.9	3
93	Reliability of Trigger Point Evaluation in the Lower Leg Muscles. Pain Medicine, 2021, 22, 2283-2289.	1.9	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.	2.2	2
95	Occupational influences on Spondylolysis and Spondylolisthesis in a cohort of 18-year-old male military conscripts. BMC Musculoskeletal Disorders, 2020, 21, 720.	1.9	1
96	In vivo strains at the middle and distal thirds of the tibia during exertional activities. Bone Reports, 2022, 16, 101170.	0.4	1
97	The correlation between the ACR questionnaire and fitness for work of fibromyalgia patients. Clinical and Experimental Rheumatology, 2021, 39, 61-65.	0.8	1
98	The effect of orthotics on in vivo axial tibial and second metatarsal strains. Footwear Science, 2011, 3, 91-96.	2.1	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.	1.2	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.	1.4	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.	0.8	0