

# David A Opar

## List of Publications by Year in descending order

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Version: 2024-02-01

84  
papers

4,296  
citations

126708

33  
h-index

110170

64  
g-index

85  
all docs

85  
docs citations

85  
times ranked

2111  
citing authors

#	ARTICLE	IF	CITATIONS
1	Hamstring Strain Injury Rehabilitation. <i>Journal of Athletic Training</i> , 2022, 57, 125-135.	0.9	19
2	Poor Reporting of Exercise Interventions for Hamstring Strain Injury Rehabilitation: A Scoping Review of Reporting Quality and Content in Contemporary Applied Research. <i>Journal of Orthopaedic and Sports Physical Therapy</i> , 2022, 52, 130-141.	1.7	11
3	Screening Hamstring Injury Risk Factors Multiple Times in a Season Does Not Improve the Identification of Future Injury Risk. <i>Medicine and Science in Sports and Exercise</i> , 2022, 54, 321-329.	0.2	9
4	Anterior Cruciate Ligament Reconstruction Increases the Risk of Hamstring Strain Injury Across Football Codes in Australia. <i>Sports Medicine</i> , 2022, 52, 923-932.	3.1	4
5	Muscle Force Contributions to Anterior Cruciate Ligament Loading. <i>Sports Medicine</i> , 2022, 52, 1737-1750.	3.1	26
6	Assessing isometric kicking force and post-match responses using the Kicker test. <i>Journal of Sports Sciences</i> , 2022, , 1-7.	1.0	0
7	Mechanical, Material and Morphological Adaptations of Healthy Lower Limb Tendons to Mechanical Loading: A Systematic Review and Meta-Analysis. <i>Sports Medicine</i> , 2022, 52, 2405-2429.	3.1	14
8	Early introduction of high-intensity eccentric loading into hamstring strain injury rehabilitation. <i>Journal of Science and Medicine in Sport</i> , 2022, , .	0.6	2
9	Muscle function during single leg landing. <i>Scientific Reports</i> , 2022, 12, .	1.6	10
10	The development of a HAMstring InjuRy (HAMIR) index to mitigate injury risk through innovative imaging, biomechanics, and data analytics: protocol for an observational cohort study. <i>BMC Sports Science, Medicine and Rehabilitation</i> , 2022, 14, .	0.7	4
11	Lower Limb Muscle Size after Anterior Cruciate Ligament Injury: A Systematic Review and Meta-Analysis. <i>Sports Medicine</i> , 2021, 51, 1209-1226.	3.1	23
12	Trunk, pelvis and lower limb coordination between anticipated and unanticipated sidestep cutting in females. <i>Gait and Posture</i> , 2021, 85, 131-137.	0.6	11
13	Sprinting, Strength, and Architectural Adaptations Following Hamstring Training in Australian Footballers. <i>Scandinavian Journal of Medicine and Science in Sports</i> , 2021, 31, 1276-1289.	1.3	19
14	Is Pre-season Eccentric Strength Testing During the Nordic Hamstring Exercise Associated with Future Hamstring Strain Injury? A Systematic Review and Meta-analysis. <i>Sports Medicine</i> , 2021, 51, 1935-1945.	3.1	17
15	Hamstring and gluteal activation during high-speed overground running: Impact of prior strain injury. <i>Journal of Sports Sciences</i> , 2021, 39, 2073-2079.	1.0	4
16	Muscle Activity and Activation in Previously Strain-Injured Lower Limbs: A Systematic Review. <i>Sports Medicine</i> , 2021, 51, 2311-2327.	3.1	9
17	Prediction of Hamstring Injuries in Australian Football Using Biceps Femoris Architectural Risk Factors Derived From Soccer. <i>American Journal of Sports Medicine</i> , 2021, 49, 3687-3695.	1.9	8
18	Authors'™ Response to Comment on "Lower Limb Muscle Size After Anterior Cruciate Ligament Injury: A Systematic Review and Meta-analysis". <i>Sports Medicine</i> , 2021, , 1.	3.1	1

#	ARTICLE	IF	CITATIONS
19	160â€¦Eccentric hamstring strength and sprinting performance changes during the off-season in Spanish footballers. , 2021, , .		0
20	You Can't Replicate What You Can't See: A Call for Researchers to Share Their Data and Avoid "Fragile" Correlations. Journal of Orthopaedic and Sports Physical Therapy, 2021, 51, 556-558.	1.7	1
21	Hamstring Myoelectrical Activity During Three Different Kettlebell Swing Exercises. Journal of Strength and Conditioning Research, 2020, 34, 1953-1958.	1.0	13
22	Factors that Impact Self-reported Wellness Scores in Elite Australian Footballers. Medicine and Science in Sports and Exercise, 2020, 52, 1427-1435.	0.2	3
23	Performance changes during the off-season period in football players " Effects of age and previous hamstring injury. Journal of Sports Sciences, 2020, 38, 2489-2499.	1.0	4
24	Muscle contributions to tibiofemoral shear forces and valgus and rotational joint moments during single leg drop landing. Scandinavian Journal of Medicine and Science in Sports, 2020, 30, 1664-1674.	1.3	27
25	Muscle contributions to medial and lateral tibiofemoral compressive loads during sidestep cutting. Journal of Biomechanics, 2020, 101, 109641.	0.9	6
26	Pain-Free Versus Pain-Threshold Rehabilitation Following Acute Hamstring Strain Injury: A Randomized Controlled Trial. Journal of Orthopaedic and Sports Physical Therapy, 2020, 50, 91-103.	1.7	34
27	Hamstring Injury Prevention and Implementation. , 2020, , 145-163.		1
28	Hamstring strength and architectural adaptations following inertial flywheel resistance training. Journal of Science and Medicine in Sport, 2020, 23, 1093-1099.	0.6	17
29	ECCENTRIC HAMSTRING STRENGTH IS ASSOCIATED WITH AGE AND DURATION OF PREVIOUS SEASON HAMSTRING INJURY IN MALE SOCCER PLAYERS. International Journal of Sports Physical Therapy, 2020, 15, 246-253.	0.5	17
30	Hamstrings Biomechanics Related to Running. , 2020, , 65-81.		0
31	Anatomy of the Hamstrings. , 2020, , 1-30.		1
32	ECCENTRIC HAMSTRING STRENGTH IS ASSOCIATED WITH AGE AND DURATION OF PREVIOUS SEASON HAMSTRING INJURY IN MALE SOCCER PLAYERS. International Journal of Sports Physical Therapy, 2020, 15, 246-253.	0.5	4
33	Modeling the Risk of Team Sport Injuries: A Narrative Review of Different Statistical Approaches. Frontiers in Physiology, 2019, 10, 829.	1.3	58
34	Pain-Free Versus Pain-Threshold Rehabilitation Following Acute Hamstring Strain Injury: A Randomized Controlled Trial. Journal of Orthopaedic and Sports Physical Therapy, 2019, , 1-35.	1.7	7
35	Session Availability as a Result of Prior Injury Impacts the Risk of Subsequent Non-contact Lower Limb Injury in Elite Male Australian Footballers. Frontiers in Physiology, 2019, 10, 737.	1.3	4
36	Poor agreement between ultrasound and inbuilt diffusion tensor MRI measures of biceps femoris long head fascicle length. Translational Sports Medicine, 2019, 2, 58-63.	0.5	10

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37	Razor hamstring curl and Nordic hamstring exercise architectural adaptations: Impact of exercise selection and intensity. <i>Scandinavian Journal of Medicine and Science in Sports</i> , 2019, 29, 706-715.	1.3	54
38	Lower-limb muscle function during sidestep cutting. <i>Journal of Biomechanics</i> , 2019, 82, 186-192.	0.9	39
39	Infographic. The effect of high-speed running on hamstring strain injury risk. <i>British Journal of Sports Medicine</i> , 2019, 53, 1034-1035.	3.1	1
40	The effect of Nordic hamstring exercise training volume on biceps femoris long head architectural adaptation. <i>Scandinavian Journal of Medicine and Science in Sports</i> , 2018, 28, 1775-1783.	1.3	91
41	Non-knee-spanning muscles contribute to tibiofemoral shear as well as valgus and rotational joint reaction moments during unanticipated sidestep cutting. <i>Scientific Reports</i> , 2018, 8, 2501.	1.6	51
42	Predictive Modeling of Hamstring Strain Injuries in Elite Australian Footballers. <i>Medicine and Science in Sports and Exercise</i> , 2018, 50, 906-914.	0.2	67
43	A Novel Apparatus to Measure Knee Flexor Strength During Various Hamstring Exercises: A Reliability and Retrospective Injury Study. <i>Journal of Orthopaedic and Sports Physical Therapy</i> , 2018, 48, 72-80.	1.7	23
44	There is strength in numbers for muscle injuries: it is time to establish an international collaborative registry. <i>British Journal of Sports Medicine</i> , 2018, 52, 1228-1229.	3.1	15
45	Running exposure is associated with the risk of hamstring strain injury in elite Australian footballers. <i>British Journal of Sports Medicine</i> , 2018, 52, 919-928.	3.1	45
46	An Evidence-Based Framework for Strengthening Exercises to Prevent Hamstring Injury. <i>Sports Medicine</i> , 2018, 48, 251-267.	3.1	155
47	Response. <i>Medicine and Science in Sports and Exercise</i> , 2018, 50, 2615-2616.	0.2	1
48	Effect of acute augmented feedback on between limb asymmetries and eccentric knee flexor strength during the Nordic hamstring exercise. <i>PeerJ</i> , 2018, 6, e4972.	0.9	12
49	Impact of exercise selection on hamstring muscle activation. <i>British Journal of Sports Medicine</i> , 2017, 51, 1021-1028.	3.1	133
50	Impact of the Nordic hamstring and hip extension exercises on hamstring architecture and morphology: implications for injury prevention. <i>British Journal of Sports Medicine</i> , 2017, 51, 469-477.	3.1	195
51	Effect of Prior Injury on Changes to Biceps Femoris Architecture across an Australian Football League Season. <i>Medicine and Science in Sports and Exercise</i> , 2017, 49, 2102-2109.	0.2	24
52	Criteria for Progressing Rehabilitation and Determining Return-to-Play Clearance Following Hamstring Strain Injury: A Systematic Review. <i>Sports Medicine</i> , 2017, 47, 1375-1387.	3.1	63
53	The warm water in Langkawi awaits, but firstâ€¦. <i>British Journal of Sports Medicine</i> , 2017, 51, 1175-1175.	3.1	0
54	Drop punt kicking induces eccentric knee flexor weakness associated with reductions in hamstring electromyographic activity. <i>Journal of Science and Medicine in Sport</i> , 2017, 20, 595-599.	0.6	10

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55	Architectural Changes of the Biceps Femoris Long Head after Concentric or Eccentric Training. <i>Medicine and Science in Sports and Exercise</i> , 2016, 48, 499-508.	0.2	136
56	Biceps Femoris Architecture and Strength in Athletes with a Previous Anterior Cruciate Ligament Reconstruction. <i>Medicine and Science in Sports and Exercise</i> , 2016, 48, 337-345.	0.2	42
57	Muscle activation patterns in the Nordic hamstring exercise: Impact of prior strain injury. <i>Scandinavian Journal of Medicine and Science in Sports</i> , 2016, 26, 666-674.	1.3	70
58	What do submarines have in common with diabetes?. <i>British Journal of Sports Medicine</i> , 2016, 50, 955-956.	3.1	1
59	Effect of high-speed running on hamstring strain injury risk. <i>British Journal of Sports Medicine</i> , 2016, 50, 1536-1540.	3.1	131
60	Hamstring strength and flexibility after hamstring strain injury: a systematic review and meta-analysis. <i>British Journal of Sports Medicine</i> , 2016, 50, 909-920.	3.1	91
61	Reliability of measures of quadriceps muscle function using magnetic stimulation. <i>Muscle and Nerve</i> , 2016, 53, 770-778.	1.0	7
62	Architectural adaptations of muscle to training and injury: a narrative review outlining the contributions by fascicle length, pennation angle and muscle thickness. <i>British Journal of Sports Medicine</i> , 2016, 50, 1467-1472.	3.1	96
63	Short biceps femoris fascicles and eccentric knee flexor weakness increase the risk of hamstring injury in elite football (soccer): a prospective cohort study. <i>British Journal of Sports Medicine</i> , 2016, 50, 1524-1535.	3.1	330
64	Is There Evidence to Support the Use of the Angle of Peak Torque as a Marker of Hamstring Injury and Re-Injury Risk?. <i>Sports Medicine</i> , 2016, 46, 7-13.	3.1	23
65	Comparisons of eccentric knee flexor strength and asymmetries across elite, sub-elite and school level cricket players. <i>PeerJ</i> , 2016, 4, e1594.	0.9	7
66	Comparison of Anthropometry, Upper-Body Strength, and Lower-Body Power Characteristics in Different Levels of Australian Football Players. <i>Journal of Strength and Conditioning Research</i> , 2015, 29, 826-834.	1.0	36
67	Hamstring strain injury – Structural and functional considerations for prevention, rehabilitation and return to play. <i>Journal of Science and Medicine in Sport</i> , 2015, 19, e2.	0.6	0
68	Acute Injuries in Track and Field Athletes. <i>American Journal of Sports Medicine</i> , 2015, 43, 816-822.	1.9	20
69	Biceps Femoris Long Head Architecture. <i>Medicine and Science in Sports and Exercise</i> , 2015, 47, 905-913.	0.2	111
70	The juxtaposition of science and medicine in sport. Can we all play together nicely?. <i>British Journal of Sports Medicine</i> , 2015, 49, 640-641.	3.1	4
71	Lower limb injury: improving our translation of research into clinical practice for acute injuries and long-term sequelae. <i>British Journal of Sports Medicine</i> , 2015, 49, 635-635.	3.1	1
72	Eccentric Hamstring Strength and Hamstring Injury Risk in Australian Footballers. <i>Medicine and Science in Sports and Exercise</i> , 2015, 47, 857-865.	0.2	252

#	ARTICLE	IF	CITATIONS
73	Eccentric Knee Flexor Strength and Risk of Hamstring Injuries in Rugby Union. American Journal of Sports Medicine, 2015, 43, 2663-2670.	1.9	155
74	The Effect of Previous Hamstring Strain Injuries on the Change in Eccentric Hamstring Strength During Preseason Training in Elite Australian Footballers. American Journal of Sports Medicine, 2015, 43, 377-384.	1.9	49
75	The financial cost of hamstring strain injuries in the Australian Football League. British Journal of Sports Medicine, 2014, 48, 729-730.	3.1	135
76	Acute hamstring strain injury in track and field athletes: A 3-year observational study at the Penn Relay Carnival. Scandinavian Journal of Medicine and Science in Sports, 2014, 24, e254-9.	1.3	67
77	Reduced biceps femoris myoelectrical activity influences eccentric knee flexor weakness after repeat sprint running. Scandinavian Journal of Medicine and Science in Sports, 2014, 24, e299-305.	1.3	47
78	Is There a Potential Relationship Between Prior Hamstring Strain Injury and Increased Risk for Future Anterior Cruciate Ligament Injury?. Archives of Physical Medicine and Rehabilitation, 2014, 95, 401-405.	0.5	36
79	The accuracy and precision of DXA for assessing body composition in team sport athletes. Journal of Sports Sciences, 2014, 32, 1821-1828.	1.0	109
80	The role of neuromuscular inhibition in hamstring strain injury recurrence. Journal of Electromyography and Kinesiology, 2013, 23, 523-530.	0.7	136
81	Knee flexor strength and bicep femoris electromyographical activity is lower in previously strained hamstrings. Journal of Electromyography and Kinesiology, 2013, 23, 696-703.	0.7	107
82	A Novel Device Using the Nordic Hamstring Exercise to Assess Eccentric Knee Flexor Strength: A Reliability and Retrospective Injury Study. Journal of Orthopaedic and Sports Physical Therapy, 2013, 43, 636-640.	1.7	171
83	Rate of Torque and Electromyographic Development During Anticipated Eccentric Contraction Is Lower in Previously Strained Hamstrings. American Journal of Sports Medicine, 2013, 41, 116-125.	1.9	66
84	Hamstring Strain Injuries. Sports Medicine, 2012, 42, 209-226.	3.1	483