

# Anton Arndt

## List of Publications by Year in descending order

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Version: 2024-02-01

34  
papers

498  
citations

1040056

9  
h-index

677142

22  
g-index

38  
all docs

38  
docs citations

38  
times ranked

563  
citing authors

#	ARTICLE	IF	CITATIONS
1	Ankle and Subtalar Kinematics Measured with Intracortical Pins during the Stance Phase of Walking. <i>Foot and Ankle International</i> , 2004, 25, 357-364.	2.3	124
2	Differences in Ankle-Joint Complex Motion During the Stance Phase of Walking as Measured by Superficial and Bone-Anchored Markers. <i>Foot and Ankle International</i> , 2002, 23, 856-863.	2.3	73
3	Non-uniform displacement within the Achilles tendon during passive ankle joint motion. <i>Knee Surgery, Sports Traumatology, Arthroscopy</i> , 2012, 20, 1868-1874.	4.2	72
4	Coupling between 3D displacements and rotations at the glenohumeral joint during dynamic tasks in healthy participants. <i>Clinical Biomechanics</i> , 2014, 29, 1048-1055.	1.2	31
5	Altered patterns of displacement within the Achilles tendon following surgical repair. <i>Knee Surgery, Sports Traumatology, Arthroscopy</i> , 2017, 25, 1857-1865.	4.2	22
6	Three-dimensional kinematic analysis and power output of elite flat-water kayakers. <i>Sports Biomechanics</i> , 2018, 17, 414-427.	1.6	21
7	Three-Dimensional Kinematics and Power Output in Elite Para-Kayakers and Elite Able-Bodied Flat-Water Kayakers. <i>Journal of Applied Biomechanics</i> , 2019, 35, 93-100.	0.8	19
8	Glenohumeral translations during range-of-motion movements, activities of daily living, and sports activities in healthy participants. <i>Clinical Biomechanics</i> , 2015, 30, 1002-1007.	1.2	14
9	ISB recommendations for skin-marker-based multi-segment foot kinematics. <i>Journal of Biomechanics</i> , 2021, 125, 110581.	2.1	13
10	The effect of a midfoot cut in the outer sole of a shoe on intrinsic foot kinematics during walking. <i>Footwear Science</i> , 2013, 5, 63-69.	2.1	10
11	Calcaneal adduction and eversion are coupled to talus and tibial rotation. <i>Journal of Anatomy</i> , 2018, 233, 64-72.	1.5	10
12	Extraction of gait parameters from marker-free video recordings of Timed Up-and-Go tests: Validity, inter- and intra-rater reliability. <i>Gait and Posture</i> , 2021, 90, 489-495.	1.4	10
13	In vivo muscle morphology comparison in post-stroke survivors using ultrasonography and diffusion tensor imaging. <i>Scientific Reports</i> , 2019, 9, 11836.	3.3	9
14	Effect of footwear on intramuscular EMG activity of plantar flexor muscles in walking. <i>Journal of Electromyography and Kinesiology</i> , 2020, 55, 102474.	1.7	9
15	The effect of intracortical bone pin application on kinetics and tibiocalcaneal kinematics of walking gait. <i>Gait and Posture</i> , 2017, 52, 129-134.	1.4	8
16	The impact of impairment on kinematic and kinetic variables in Vaâ€™a paddling: Towards a sport-specific evidence-based classification system for Para Vaâ€™a. <i>Journal of Sports Sciences</i> , 2019, 37, 1942-1950.	2.0	7
17	The effect of a reduced first step width on starting block and first stance power and impulses during an athletic sprint start. <i>Journal of Sports Sciences</i> , 2019, 37, 1046-1054.	2.0	7
18	Examination of the relevance of the ICF cores set for stroke by comparing with the Stroke Impact Scale. <i>Disability and Rehabilitation</i> , 2019, 41, 508-513.	1.8	7

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19	High variability in strain estimation errors when using a commercial ultrasound speckle tracking algorithm on tendon tissue. <i>Acta Radiologica</i> , 2016, 57, 1223-1229.	1.1	6
20	Distance between rotator cuff footprints and the acromion, coracoacromial ligament, and coracoid process during dynamic arm elevations: Preliminary observations. <i>Manual Therapy</i> , 2016, 25, 94-99.	1.6	6
21	Running after cycling induces inter-limb differences in muscle activation but not in kinetics or kinematics. <i>Journal of Sports Sciences</i> , 2021, 39, 154-160.	2.0	5
22	The Effect of Ankle Foot Orthosis' Design and Degree of Dorsiflexion on Achilles Tendon Biomechanics—Tendon Displacement, Lower Leg Muscle Activation, and Plantar Pressure During Walking. <i>Frontiers in Sports and Active Living</i> , 2020, 2, 16.	1.8	3
23	Passive Mechanical Properties of Human Medial Gastrocnemius and Soleus Musculotendinous Unit. <i>BioMed Research International</i> , 2021, 2021, 1-12.	1.9	3
24	Calcaneal adduction in slow running: three case studies using intracortical pins. <i>Footwear Science</i> , 2017, 9, 87-93.	2.1	2
25	Effects of post activation potentiation on electromechanical delay. <i>Clinical Biomechanics</i> , 2019, 70, 115-122.	1.2	2
26	The effects of new Edea and Graf figure skating boots and used Graf boots on the kinetics and kinematics of landing after simulated on-ice jumps. <i>Footwear Science</i> , 2019, 11, 121-129.	2.1	2
27	The relationships between pelvic range of motion, step width and performance during an athletic sprint start. <i>Journal of Sports Sciences</i> , 2020, 38, 2200-2207.	2.0	2
28	Bilateral in vivo neuromechanical properties of the triceps surae and Achilles tendon in runners and triathletes. <i>Journal of Biomechanics</i> , 2021, 123, 110493.	2.1	1
29	The concept of mobility in single- and double handed manipulation. <i>Journal of Biomechanics</i> , 2014, 47, 3569-3573.	2.1	0
30	Editorial: Tendon Structure-Function Relationship in Health, Ageing, and Injury. <i>Frontiers in Sports and Active Living</i> , 2021, 3, 701815.	1.8	0
31	The Effect of Step Width on Muscle Contributions to Body Mass Center Acceleration During the First Stance of Sprinting. <i>Frontiers in Bioengineering and Biotechnology</i> , 2021, 9, 636960.	4.1	0
32	Intramuscular EMG amplitudes do not necessarily diverge from surface EMG amplitudes over time. Response to Letter to the Editor. <i>Journal of Electromyography and Kinesiology</i> , 2022, 64, 102662.	1.7	0
33	Kinematic and kinetic performance variables during paddling among para-kayak athletes with unilateral above or below knee amputation. <i>Sports Biomechanics</i> , 2022, , 1-15.	1.6	0
34	Comparison of lightweight and traditional figure skating blades, a prototype blade with integrated damping system and a running shoe in simulated figure skating landings and vertical countermovement jumps, and evaluation of dampening properties of the prototype blade. <i>Sports Biomechanics</i> , 2022, , 1-22.	1.6	0