Richard Smith

List of Publications by Year
in descending order

108	3,286	136950	161849
papers	citations	32 h-index	54 g-index

110	110	110	3239
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Thai version of the foot function index: a cross-cultural adaptation with reliability and validity evaluation. BMC Sports Science, Medicine and Rehabilitation, 2020, 12, 56.	1.7	5
2	Classification of Gait Patterns Using Kinematic and Kinetic Features, Gait Dynamics and Neural Networks in Patients with Unilateral Anterior Cruciate Ligament Deficiency. Neural Processing Letters, 2019, 50, 887-909.	3.2	6
3	A SOSEKI-based coordinate system interprets global polarity cues in Arabidopsis. Nature Plants, 2019, 5, 160-166.	9.3	71
4	Effects of Strengthening and Stretching Exercises on the Temporospatial Gait Parameters in Patients With Plantar Fasciitis: A Randomized Controlled Trial. Annals of Rehabilitation Medicine, 2019, 43, 662-676.	1.6	25
5	Side-to-Side Differences in Varus Thrust and Knee Abduction Moment in High-Functioning Individuals With Chronic Anterior Cruciate Ligament Deficiency. American Journal of Sports Medicine, 2019, 47, 590-597.	4.2	1
6	Bivariate functional principal components analysis: considerations for use with multivariate movement signatures in sports biomechanics. Sports Biomechanics, 2019, 18, 10-27.	1.6	15
7	Considerations for the use of functional principal components analysis in sports biomechanics: examples from on-water rowing. Sports Biomechanics, 2019, 18, 317-341.	1.6	26
8	A force profile analysis comparison between functional data analysis, statistical parametric mapping and statistical non-parametric mapping in on-water single sculling. Journal of Science and Medicine in Sport, 2018, 21, 1100-1105.	1.3	37
9	How gender and boat-side affect shape characteristics of forceâ€“angle profiles in single sculling: Insights from functional data analysis. Journal of Science and Medicine in Sport, 2018, 21, 533-537.	1.3	6
10	Increased Patellar Volume/Width and Decreased Femoral Trochlear Width Are Associated With Adolescent Patellofemoral Pain. Clinical Orthopaedics and Related Research, 2018, 476, 2334-2343.	1.5	6
11	Over 50 Years of Researching Force Profiles in Rowing: What Do We Know?. Sports Medicine, 2018, 48, 2703-2714.	6.5	24
12	The identification of risk factors for ankle sprains sustained during netball participation. Physical Therapy in Sport, 2017, 23, 31-36.	1.9	43
13	Impact attenuation properties of jazz shoes alter lower limb joint stiffness during jump landings. Journal of Science and Medicine in Sport, 2017, 20, 464-468.	1.3	6
14	Adults with autism spectrum conditions experience increased levels of anomalous perception. PLoS ONE, 2017, 12, e0177804.	2.5	20
15	A novel motion sensor-driven control system for FES-assisted walking after spinal cord injury: A pilot study. Medical Engineering and Physics, 2016, 38, 1223-1231.	1.7	4
16	Superior orientation discrimination and increased peak gamma frequency in autism spectrum conditions.. Journal of Abnormal Psychology, 2016, 125, 412-422.	1.9	27
17	A snapshot of chronic ankle instability in a cohort of netball players. Journal of Science and Medicine in Sport, 2016, 19, 379-383.	1.3	25
18	Biomechanical effects of sensorimotor orthoses in adults with Charcotâ€“Marieâ€“Tooth disease. Prosthetics and Orthotics International, 2016, 40, 436-446.	1.0	10

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19	Robert J. Mayhew. Malthus: The Life and Legacies of an Untimely Prophet. Cambridge, MA: The Belknap Press of Harvard University Press, 2014. Pp. 304. $29.95 (cloth).. Journal of British Studies, 2015, 54, 737-738.	0.0	0
20	Cardiorespiratory and Muscle Metabolic Responses During Conventional Versus Motion Sensorâ€Assisted Strategies for Functional Electrical Stimulation Standing After Spinal Cord Injury. Artificial Organs, 2015, 39, 855-862.	1.9	7
21	A Caring County? Social Welfare in Hertfordshire from 1600. Social History, 2015, 40, 544-546.	0.2	0
22	In-shoe multi-segment foot kinematics of children during the propulsive phase of walking and running. Human Movement Science, 2015, 39, 200-211.	1.4	17
23	Pancreas and islet transplantation. Current Opinion in Organ Transplantation, 2015, 20, 211-215.	1.6	3
24	Asymmetry in elite rowers: effect of ergometer design and stroke rate. Sports Biomechanics, 2015, 14, 310-322.	1.6	29
25	Train High Eat Low for Osteoarthritis study (THE LO study): protocol for a randomized controlled trial. Journal of Physiotherapy, 2015, 61, 217.	1.7	4
26	The impact of an educational program on HCV patient outcomes using boceprevir in community practices (OPTIMAL trial). Therapeutic Advances in Gastroenterology, 2015, 8, 263-269.	3.2	1
27	SonicSeat: design and evaluation of a seat position tracker based on ultrasonic sound measurements for rowing technique analysis. Journal of Ambient Intelligence and Humanized Computing, 2015, 6, 613-622.	4.9	1
28	Perceptual and motor learning underlies human stick-balancing skill. Journal of Neurophysiology, 2015, 113, 156-171.	1.8	4
29	Evoked EMG versus Muscle Torque during Fatiguing Functional Electrical Stimulation-Evoked Muscle Contractions and Short-Term Recovery in Individuals with Spinal Cord Injury. Sensors, 2014, 14, 22907-22920.	3.8	10
30	Home Urine C-Peptide Creatinine Ratio Can Be Used to Monitor Islet Transplant Function: Figure 1. Diabetes Care, 2014, 37, 1737-1740.	8.6	5
31	Fine Needle Aspiration of an Unusual Malignant Mixed Tumor in the Parotid Gland. Laboratory Medicine, 2014, 45, 141-146.	1.2	0
32	The effect of external ankle support on knee and ankle joint movement and loading in netball players. Journal of Science and Medicine in Sport, 2014, 17, 511-515.	1.3	25
33	The impact of simulated ankle plantarflexion contracture on the knee joint during stance phase of gait: A within-subject study. Clinical Biomechanics, 2014, 29, 423-428.	1.2	20
34	Chronic Ankle Instability in Sporting Populations. Sports Medicine, 2014, 44, 1545-1556.	6.5	116
35	Kinematic Analysis of SautÃ©s in Barefoot and Shod Conditions. Journal of Dance Medicine and Science, 2014, 18, 149-158.	0.7	11
36	Effect of thong style flipâ€flops on children's barefoot walking and jogging kinematics. Journal of Foot and Ankle Research, 2013, 6, 8.	1.9	33

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37	Impact attenuation during weight bearing activities in barefoot vs. shod conditions: A systematic review. Gait and Posture, 2013, 38, 175-186.	1.4	46
38	Effect of sports shoes on midfoot power generation in children while walking and running. Footwear Science, 2013, 5, S55-S56.	2.1	0
39	Effect of sports shoes on children's vertical jump performance and midfoot and ankle kinetics. Footwear Science, 2013, 5, S58-S59.	2.1	2
40	Identifying Coordinative Structure Using Principal Component Analysis Based on Coherence Derived From Linear Systems Analysis. Journal of Motor Behavior, 2013, 45, 167-179.	0.9	11
41	Knee loading patterns in a simulated netball landing task. European Journal of Sport Science, 2013, 13, 475-482.	2.7	15
42	The effect of jazz shoe design on impact attenuation. Footwear Science, 2013, 5, S124-S125.	2.1	0
43	Planar parathyroid localization scintigraphy. Nuclear Medicine Communications, 2013, 34, 582-589.	1.1	7
44	The dynamics of elite paddling on a kayak simulator. Journal of Sports Sciences, 2012, 30, 661-668.	2.0	23
45	Mechanics of Jazz Shoes and Their Effect on Pointing in Child Dancers. Journal of Applied Biomechanics, 2012, 28, 242-248.	0.8	13
46	Effect of gender and stroke rate on joint power characteristics of the upper extremity during simulated rowing. Journal of Sports Sciences, 2012, 30, 449-458.	2.0	10
47	Functional electrical stimulation elliptical stepping versus cycling in spinal cord-injured individuals. Clinical Biomechanics, 2012, 27, 731-737.	1.2	12
48	A new paradigm for human stick balancing: a suspended not an inverted pendulum. Experimental Brain Research, 2012, 221, 309-328.	1.5	17
49	Lower limb muscle strengthening does not change frontal plane moments in women with knee osteoarthritis: A randomized controlled trial. Clinical Biomechanics, 2011, 26, 167-174.	1.2	92
50	Progressive resistance training and dynamic alignment in osteoarthritis: A single-blind randomised controlled trial. Clinical Biomechanics, 2011, 26, 71-77.	1.2	44
51	Evoked EMG and Muscle Fatigue During Isokinetic FES-Cycling in Individuals With SCI. Neuromodulation, 2011, 14, 349-355.	0.8	9
52	Effect of footwear on dancers: a systematic review. Journal of Dance Medicine and Science, 2011, 15, 86-92.	0.7	21
53	The Reliability and Validity of a Three-Camera Foot Image System for Obtaining Foot Anthropometrics. Journal of Applied Biomechanics, 2010, 26, 349-356.	0.8	2
54	Dynamic alignment and its association with knee adduction moment in medial knee osteoarthritis. Knee, 2010, 17, 210-216.	1.6	41

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55	ACR Appropriateness CriteriaÂ®: Localâ€“Regional Therapy for Resectable Oropharyngeal Squamous Cell Carcinomas. Current Problems in Cancer, 2010, 34, 175-192.	2.0	5
56	Juvenile granulosa cell tumour with hepatocyteâ€like cells and raised serum alphaâ€fetoprotein. Histopathology, 2010, 57, 637-641.	2.9	2
57	Kinship in Britain and beyond from the early modern to the present: introduction. Continuity and Change, 2010, 25, 13-14.	0.2	81
58	Determinants of kayak paddling performance. Sports Biomechanics, 2009, 8, 167-179.	1.6	92
59	Relative shank to thigh length is associated with different mechanisms of power production during elite male ergometer rowing. Sports Biomechanics, 2009, 8, 302-317.	1.6	15
60	The association of external knee adduction moment with biomechanical variables in osteoarthritis: A systematic review. Knee, 2009, 16, 303-309.	1.6	200
61	Resistive Exercise for Arthritic Cartilage Health (REACH): A randomized double-blind, sham-exercise controlled trial. BMC Geriatrics, 2009, 9, 1.	2.7	64
62	Efficacy and stability performance of traditional versus motion sensor-assisted strategies for FES standing. Journal of Biomechanics, 2009, 42, 1332-1338.	2.1	12
63	Independent assessment of pattern and offset variability of time series waveforms. Gait and Posture, 2009, 29, 285-289.	1.4	25
64	Biomechanical analysis of dragon boat paddling: A comparison of elite and sub-elite paddlers. Journal of Sports Sciences, 2009, 27, 37-47.	2.0	19
65	To young physicians: why Michigan is your future. Michigan Medicine, 2009, 108, 32.	0.1	0
66	A longitudinal study of the effect of pregnancy on rising to stand from a chair. Journal of Biomechanics, 2008, 41, 779-787.	2.1	21
67	Rising to stand from a chair: Symmetry, and frontal and transverse plane kinematics and kinetics. Gait and Posture, 2008, 27, 8-15.	1.4	38
68	The metabolic demands of kayaking: a review. Journal of Sports Science and Medicine, 2008, 7, 1-7.	1.6	54
69	A Comparison of Placement in First-Year University Mathematics Courses Using Paper and Online Administration of a Placement Test. International Electronic Journal of Mathematics Education, 2008, 3, 193-202.	0.7	1
70	Effect of stroke rate on the distribution of net mechanical power in rowing. Journal of Sports Sciences, 2007, 25, 403-411.	2.0	67
71	Musculo-skeletal modelling of NMES-evoked knee extension in spinal cord injury. Journal of Biomechanics, 2006, 39, 483-492.	2.1	10
72	The effects of unilateral grab rail assistance on the sit-to-stand performance of older aged adults. Human Movement Science, 2006, 25, 257-274.	1.4	38

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73	Use of Skin Grafting to Demonstrate Tolerance Prior to Kidney Transplantation without Immunosuppression in the Recipient of a Previous Bone Marrow Transplant: Response. Transplantation, 2005, 80, 1356-1357.	1.0	0
74	Differences between Grab Rail Position and Orientation during the Assisted Sit-to-Stand for Able-Bodied Older Adults. Journal of Applied Biomechanics, 2005, 21, 57-71.	0.8	15
75	Differences between grab rail position and orientation during the assisted sit-to-stand for able-bodied older adults. Journal of Applied Biomechanics, 2005, 21, 57-71.	0.8	5
76	The Effect of Fatigue on the Timing of Electrical Stimulation-Evoked Muscle Contractions in People with Spinal Cord Injury. Neuromodulation, 2004, 7, 214-222.	0.8	2
77	The effect of joint angle on the timing of muscle contractions elicited by neuromuscular electrical stimulation. IEEE Transactions on Neural Systems and Rehabilitation Engineering, 2004, 12, 303-306.	4.9	6
78	Mechanics and control of the flat versus normal foot during the stance phase of walking. Clinical Biomechanics, 2004, 19, 391-397.	1.2	177
79	Interactions of CD55 with non-C ligands. Biochemical Society Transactions, 2002, 30, A99-A99.	3.4	0
80	Biomechanics feedback for rowing. Journal of Sports Sciences, 2002, 20, 783-791.	2.0	86
81	Static trunk posture in sitting and standing during pregnancy and early postpartum. Archives of Physical Medicine and Rehabilitation, 2002, 83, 1739-1744.	0.9	59
82	Effect of pregnancy on trunk range of motion when sitting and standing. Acta Obstetricia Et Gynecologica Scandinavica, 2002, 81, 1011-1020.	2.8	42
83	Inter-segment foot motion and ground reaction forces over the stance phase of walking. Clinical Biomechanics, 2001, 16, 592-600.	1.2	167
84	Bilateral, simultaneous, spontaneous rupture of quadriceps tendons without trauma in an obese patient: A case report. Archives of Physical Medicine and Rehabilitation, 2001, 82, 415-418.	0.9	35
85	Interpretation of Ankle Joint Moments during the Stance Phase of Walking: A Comparison of Two Orthogonal Axes Systems. Journal of Applied Biomechanics, 2001, 17, 173-180.	0.8	5
86	Microscopic observations of the progressive wear on shoe surfaces that affect the slip resistance characteristics. International Journal of Industrial Ergonomics, 2001, 28, 17-29.	2.6	77
87	Coordination of the ankle joint complex during walking. Human Movement Science, 2001, 20, 447-460.	1.4	18
88	Extrinsic Muscle Activity, Foot Motion and Ankle Joint Moments During the Stance Phase of Walking. Foot and Ankle International, 2001, 22, 31-41.	2.3	85
89	Survey of the Effects of Aerobic Dance on the Lower Extremity in Aerobic Instructors. Journal of the American Podiatric Medical Association, 2001, 91, 528-532.	0.3	14
90	Observation of the floor surface topography changes in pedestrian slip resistance measurements. International Journal of Industrial Ergonomics, 2000, 26, 581-601.	2.6	67

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91	Static measures of calcaneal deviation and arch angle as predictors of rearfoot motion during walking. Australian Journal of Physiotherapy, 2000, 46, 9-16.	0.9	55
92	Medial Longitudinal Arch of the Foot: Stationary Versus Walking Measures. Foot and Ankle International, 1999, 20, 112-118.	2.3	67
93	Three-dimensional kinematics of the forefoot, rearfoot, and leg without the function of tibialis posterior in comparison with normals during stance phase of walking. Clinical Biomechanics, 1999, 14, 14-23.	1.2	120
94	Carcinoma of the uterine cervix metastatic to behind the zygomatic arch: A case report. American Journal of Otolaryngology - Head and Neck Medicine and Surgery, 1999, 20, 195-197.	1.3	9
95	Postural control during stance in paraplegia: Effects of medially linked versus unlinked knee-ankle-foot orthoses. Archives of Physical Medicine and Rehabilitation, 1999, 80, 1558-1565.	0.9	43
96	Patterns of spinal motion during walking. Gait and Posture, 1997, 5, 6-12.	1.4	152
97	Age, gender and speed effects on spinal kinematics during walking. Gait and Posture, 1997, 5, 13-20.	1.4	98
98	Risk factors for death and emergency transfer in acute and subacute inpatient rehabilitation. Archives of Physical Medicine and Rehabilitation, 1996, 77, 1049-1055.	0.9	21
99	Discriminant analysis of biomechanical differences between novice, good and elite rowers. Journal of Sports Sciences, 1995, 13, 377-385.	2.0	76
100	Effects of age, gender and speed on three dimensional lumbar spine kinematics. Australian Journal of Physiotherapy, 1995, 41, 245-253.	0.9	9
101	A comparison of two methods of assessing mechanical energy expenditure during maximal ergometer rowing. Journal of Biomechanics, 1994, 27, 689.	2.1	0
102	Anti-class II MHC antibodies prevent and treat EAE without antigen presenting cell depletion. Journal of Neuroimmunology, 1994, 52, 112-113.	2.3	1
103	The child and the environment. International Journal of Pediatric Otorhinolaryngology, 1994, 30, 247-248.	1.0	0
104	Measuring utility values for QALYs: Two methodological issues. Health Economics (United Kingdom), 1993, 2, 349-355.	1.7	22
105	Appraisal in London Underground: commercialism and welfare maximisation. Project Appraisal, 1992, 7, 219-228.	0.2	0
106	Anesthesia rebreathing bags: Physical characteristics and use as portable oxygen reservoirs. Journal of Clinical Anesthesia, 1992, 4, 304-309.	1.6	0
107	The effect of position of immobilisation on resting length, resting stiffness and weight of rabbit soleus muscle. Journal of Biomechanics, 1992, 25, 804.	2.1	0
108	The NHS is falling down, my iron lady. Medical Journal of Australia, 1986, 145, 652-653.	1.7	0