

Diana M Perriman

List of Publications by Year in descending order

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Version: 2024-02-01

58
papers

753
citations

516710

16
h-index

610901

24
g-index

58
all docs

58
docs citations

58
times ranked

894
citing authors

#	ARTICLE	IF	CITATIONS
1	Late swing or early stance? A narrative review of hamstring injury mechanisms during high-speed running. <i>Scandinavian Journal of Medicine and Science in Sports</i> , 2019, 29, 1083-1091.	2.9	68
2	Short-term impact of combining pain neuroscience education with exercise for chronic musculoskeletal pain: a systematic review and meta-analysis. <i>Pain</i> , 2022, 163, e20-e30.	4.2	63
3	Laser polishing of thermoplastics fabricated using fused deposition modelling. <i>International Journal of Advanced Manufacturing Technology</i> , 2018, 96, 4295-4302.	3.0	48
4	Surgical Plating vs Closed Reduction for Fractures in the Distal Radius in Older Patients. <i>JAMA Surgery</i> , 2021, 156, 229.	4.3	47
5	Validation of the Flexible Electrogoniometer for Measuring Thoracic Kyphosis. <i>Spine</i> , 2010, 35, E633-E640.	2.0	30
6	Supervised or Unsupervised Rehabilitation After Total Hip Replacement Provides Similar Improvements for Patients: A Randomized Controlled Trial. <i>Archives of Physical Medicine and Rehabilitation</i> , 2017, 98, 2253-2264.	0.9	30
7	Scoping review of priority setting of research topics for musculoskeletal conditions. <i>BMJ Open</i> , 2018, 8, e023962.	1.9	28
8	Evidence for cervical muscle morphometric changes on magnetic resonance images after whiplash: A systematic review and meta-analysis. <i>Injury</i> , 2018, 49, 165-176.	1.7	23
9	Late swing running mechanics influence hamstring injury susceptibility in elite rugby athletes: A prospective exploratory analysis. <i>Journal of Biomechanics</i> , 2019, 92, 112-119.	2.1	23
10	Standing or Supine X-Rays after Total Hip Replacement – “When is the Safe Zone Not Safe?”. <i>HIP International</i> , 2014, 24, 616-623.	1.7	22
11	Statistical shape modelling reveals large and distinct subchondral bony differences in osteoarthritic knees. <i>Journal of Biomechanics</i> , 2019, 93, 177-184.	2.1	22
12	Squatting, lunging and kneeling provided similar kinematic profiles in healthy knees – A systematic review and meta-analysis of the literature on deep knee flexion kinematics. <i>Knee</i> , 2018, 25, 514-530.	1.6	21
13	Monitoring and controlling intramedullary pressure increase in long bone instrumentation: A study on sheep. <i>Journal of Orthopaedic Research</i> , 2008, 26, 1327-1333.	2.3	20
14	Contrast agent comparison for three-dimensional micro-CT angiography: A cadaveric study. <i>Contrast Media and Molecular Imaging</i> , 2016, 11, 319-324.	0.8	20
15	Magnetic resonance imaging atlas of the cervical spine musculature. <i>Clinical Anatomy</i> , 2016, 29, 643-659.	2.7	20
16	Medial and lateral hamstrings and quadriceps co-activation affects knee joint kinematics and ACL elongation: a pilot study. <i>BMC Musculoskeletal Disorders</i> , 2015, 16, 348.	1.9	19
17	Thoracic Hyperkyphosis: A Survey of Australian Physiotherapists. <i>Physiotherapy Research International</i> , 2012, 17, 167-178.	1.5	16
18	A retrospective analysis of hamstring injuries in elite rugby athletes: More severe injuries are likely to occur at the distal myofascial junction. <i>Physical Therapy in Sport</i> , 2019, 38, 192-198.	1.9	16

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19	Arthroscopic repair of HAGL lesions yields good clinical results, but may not allow return to former level of sport. <i>Knee Surgery, Sports Traumatology, Arthroscopy</i> , 2019, 27, 3246-3253.	4.2	16
20	An In Vivo Comparison of the Orientation of the Transverse Acetabular Ligament and the Acetabulum. <i>Journal of Arthroplasty</i> , 2014, 29, 574-579.	3.1	14
21	Total Knee Arthroplasty Using Bicruciate-Stabilized or Posterior-Stabilized Knee Implants Provided Comparable Outcomes at 2 Years: A Prospective, Multicenter, Randomized, Controlled, Clinical Trial of Patient Outcomes. <i>Journal of Arthroplasty</i> , 2017, 32, 3356-3363.e1.	3.1	14
22	The influence of total knee arthroplasty design on kneeling kinematics: a prospective randomized clinical trial. <i>Bone and Joint Journal</i> , 2021, 103-B, 105-112.	4.4	12
23	Musculoskeletal Injury in Paddle Sport Athletes. <i>Clinical Journal of Sport Medicine</i> , 2020, 30, 67-75.	1.8	11
24	Surgical Treatment of Pelvic Discontinuity. <i>JBJS Reviews</i> , 2019, 7, e4-e4.	2.0	10
25	Age has a minimal effect on knee kinematics: A cross-sectional 3D/2D image-registration study of kneeling. <i>Knee</i> , 2019, 26, 988-1002.	1.6	9
26	Total volume of cam deformity alone predicts outcome in arthroscopy for femoroacetabular impingement. <i>Knee Surgery, Sports Traumatology, Arthroscopy</i> , 2020, 28, 1283-1289.	4.2	9
27	Plating vs Closed Reduction for Fractures in the Distal Radius in Older Patients. <i>JAMA Surgery</i> , 2022, 157, 563.	4.3	9
28	Fast and Robust Multi-Modal Image Registration for 3D Knee Kinematics. , 2017, , .		8
29	Segmentation and reconstruction of cervical muscles using knowledge-based grouping adaptation and new step-wise registration with discrete cosines. <i>Computer Methods in Biomechanics and Biomedical Engineering: Imaging and Visualization</i> , 2019, 7, 12-25.	1.9	8
30	Number of nodal metastases and the American Joint Committee on cancer staging of head and neck cutaneous squamous cell carcinoma: A multicenter study. <i>Oral Oncology</i> , 2020, 111, 104855.	1.5	8
31	A critical analysis of the 8th Edition TNM staging for head and neck cutaneous squamous cell carcinoma with lymph node metastases and comparison to N1S3 stage and ITEM risk score: A multicenter study. <i>Journal of Surgical Oncology</i> , 2021, 123, 1531-1539.	1.7	8
32	Kinematics of knees with osteoarthritis show reduced lateral femoral roll-back and maintain an adducted position. A systematic review of research using medical imaging. <i>Journal of Biomechanics</i> , 2018, 75, 108-122.	2.1	6
33	The American Joint Committee on Cancer staging for metastatic head and neck cutaneous squamous cell carcinoma: A multi-institutional study of within-stage heterogeneity and impact on prognostic performance. <i>Head and Neck</i> , 2020, 42, 3235-3242.	2.0	6
34	Influence of screw to joint distance on articular subsidence in tibial plateau fractures. <i>ANZ Journal of Surgery</i> , 2019, 89, 320-324.	0.7	5
35	A Combined Randomised and Observational Study of Surgery for Fractures In the distal Radius in the Elderly (CROSSFIRE): a statistical analysis plan. <i>Trials</i> , 2020, 21, 651.	1.6	5
36	Influence of component design on in vivo tibiofemoral contact patterns during kneeling after total knee arthroplasty: a systematic review and meta-analysis. <i>Knee Surgery, Sports Traumatology, Arthroscopy</i> , 2021, 29, 446-466.	4.2	5

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37	Serious cycling-related fractures in on and off-road accidents: A retrospective analysis in the Australian Capital Territory region. <i>Injury</i> , 2022, 53, 3233-3239.	1.7	5
38	Vertical stiffness is not related to anterior cruciate ligament elongation in professional rugby union players. <i>BMJ Open Sport and Exercise Medicine</i> , 2016, 2, e000150.	2.9	4
39	Atlas-based segmentation of neck muscles from MRI for the characterisation of Whiplash Associated Disorder. <i>Proceedings of SPIE</i> , 2016, , .	0.8	4
40	Inter-Subject Image Registration of Clinical Neck MRI Volumes using Discrete Periodic Spline Wavelet and Free form Deformation. , 2018, , .		4
41	Analysis of Kneeling by Medical Imaging Shows the Femur Moves Back to the Posterior Rim of the Tibial Plateau, Prompting Review of the Concave-Convex Rule. <i>Physical Therapy</i> , 2019, 99, 311-318.	2.4	4
42	Shape is only a weak predictor of deep knee flexion kinematics in healthy and osteoarthritic knees. <i>Journal of Orthopaedic Research</i> , 2020, 38, 2250-2261.	2.3	4
43	An efficient hybrid method for 3D to 2D medical image registration. <i>International Journal of Computer Assisted Radiology and Surgery</i> , 2022, 17, 1313-1320.	2.8	4
44	A method of monitoring and controlling intramedullary pressure increase during long bone instrumentation. <i>Injury Extra</i> , 2007, 38, 422-426.	0.2	3
45	AO pelvic fracture classification: can an educational package improve orthopaedic registrar performance?. <i>ANZ Journal of Surgery</i> , 2016, 86, 1019-1023.	0.7	3
46	Anatomic variations of levator scapulae in a normal cohort: an MRI study. <i>Surgical and Radiologic Anatomy</i> , 2017, 39, 337-343.	1.2	3
47	A Deformable 3D-3D Registration Framework Using Discrete Periodic Spline Wavelet and Edge Position Difference. <i>IEEE Access</i> , 2020, 8, 146116-146133.	4.2	3
48	People after gluteal tendon repair have gait characteristics which are similar to those of a healthy cohort. <i>Clinical Biomechanics</i> , 2020, 80, 105176.	1.2	3
49	Validation of a method to measure three-dimensional hip joint kinematics in subjects with femoroacetabular impingement. <i>HIP International</i> , 2021, 31, 133-139.	1.7	3
50	Total wrist arthrodesis with and without arthrodesis of the carpoMetacarpal joint (WAWWAM): study protocol. <i>BMC Musculoskeletal Disorders</i> , 2021, 22, 766.	1.9	2
51	Ultrasound assessment of the anatomical validity of T3 and L4 as sEMG recording sites. <i>Journal of Biomechanics</i> , 2011, 44, 1025-1030.	2.1	1
52	Repeat validation of a method to measure in vivo three dimensional hip kinematics using computed tomography and fluoroscopy. , 2014, 2014, 6044-7.		1
53	Piezoresistive nanocomposite as an embedded stress sensor in instrumented knee prosthesis. , 2015, 2015, 2677-80.		1
54	Non-rigid registration of cervical spine MRI volumes. , 2015, 2015, 1997-2000.		1

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55	Evaluation of U-Net CNN Approaches for Human Neck MRI Segmentation. , 2020, , .		1
56	Development of a bedside motion capture system: a pilot study. , 2021, , .		0
57	Individuals with gluteal tendon repair display similar hip biomechanics to those of a healthy cohort during a sit-to-stand task. Gait and Posture, 2021, 89, 61-66.	1.4	0
58	What's old is best again Is anterior plating best for fixation of type-C pelvic fractures? A systematic review and meta-analysis. Injury, 2021, , .	1.7	0