

Deepak Kumar

List of Publications by Year in descending order

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Version: 2024-02-01

44
papers

1,517
citations

304368

22
h-index

315357

38
g-index

47
all docs

47
docs citations

47
times ranked

2019
citing authors

#	ARTICLE	IF	CITATIONS
1	Knee joint loading during gait in healthy controls and individuals with knee osteoarthritis. <i>Osteoarthritis and Cartilage</i> , 2013, 21, 298-305.	0.6	172
2	Wearable Movement Sensors for Rehabilitation: A Focused Review of Technological and Clinical Advances. <i>PM and R</i> , 2018, 10, S220-S232.	0.9	129
3	Quadriceps intramuscular fat fraction rather than muscle size is associated with knee osteoarthritis. <i>Osteoarthritis and Cartilage</i> , 2014, 22, 226-234.	0.6	108
4	Scoring hip osteoarthritis with MRI (SHOMRI): A whole joint osteoarthritis evaluation system. <i>Journal of Magnetic Resonance Imaging</i> , 2015, 41, 1549-1557.	1.9	98
5	The Acute Effect of Running on Knee Articular Cartilage and Meniscus Magnetic Resonance Relaxation Times in Young Healthy Adults. <i>American Journal of Sports Medicine</i> , 2012, 40, 2134-2141.	1.9	94
6	Review: Femoroacetabular Impingement. <i>Arthritis and Rheumatology</i> , 2015, 67, 17-27.	2.9	69
7	Association of cartilage defects, and other MRI findings with pain and function in individuals with mild to moderate radiographic hip osteoarthritis and controls. <i>Osteoarthritis and Cartilage</i> , 2013, 21, 1685-1692.	0.6	64
8	Differences in the Association of Hip Cartilage Lesions and Cam Type Femoroacetabular Impingement With Movement Patterns: A Preliminary Study. <i>PM and R</i> , 2014, 6, 681-689.	0.9	56
9	Use of Rituximab in the Antiphospholipid Syndrome. <i>Current Rheumatology Reports</i> , 2010, 12, 40-44.	2.1	52
10	Frontal Plane Knee Mechanics and Early Cartilage Degeneration in People With Anterior Cruciate Ligament Reconstruction: A Longitudinal Study. <i>American Journal of Sports Medicine</i> , 2018, 46, 378-387.	1.9	47
11	CR1g+ Macrophages Prevent Gut Microbial DNA-Containing Extracellular Vesicle-Induced Tissue Inflammation and Insulin Resistance. <i>Gastroenterology</i> , 2021, 160, 863-874.	0.6	47
12	EMG-driven modeling approach to muscle force and joint load estimations: Case study in knee osteoarthritis. <i>Journal of Orthopaedic Research</i> , 2012, 30, 377-383.	1.2	45
13	Longitudinal evaluation of T1 and T2 spatial distribution in osteoarthritic and healthy medial knee cartilage. <i>Osteoarthritis and Cartilage</i> , 2014, 22, 51-62.	0.6	45
14	Automated unsupervised multi-parametric classification of adipose tissue depots in skeletal muscle. <i>Journal of Magnetic Resonance Imaging</i> , 2013, 37, 917-927.	1.9	39
15	Anatomic correlates of reduced hip extension during walking in individuals with mild to moderate radiographic hip osteoarthritis. <i>Journal of Orthopaedic Research</i> , 2015, 33, 527-534.	1.2	39
16	Frontal plane knee mechanics and medial cartilage MR relaxation times in individuals with ACL reconstruction: A pilot study. <i>Knee</i> , 2014, 21, 881-885.	0.8	37
17	Cartilage T1 and T2 Relaxation Times in Patients With Mild to Moderate Radiographic Hip Osteoarthritis. <i>Arthritis and Rheumatology</i> , 2015, 67, 1548-1556.	2.9	34
18	Individuals with isolated patellofemoral joint osteoarthritis exhibit higher mechanical loading at the knee during the second half of the stance phase. <i>Clinical Biomechanics</i> , 2015, 30, 383-390.	0.5	30

#	ARTICLE	IF	CITATIONS
19	Are There Sex Differences in Knee Cartilage Composition and Walking Mechanics in Healthy and Osteoarthritis Populations?. <i>Clinical Orthopaedics and Related Research</i> , 2015, 473, 2548-2558.	0.7	29
20	In vivo tibiofemoral cartilage contact area of females with medial osteoarthritis under acute loading using MRI. <i>Journal of Magnetic Resonance Imaging</i> , 2011, 34, 1405-1413.	1.9	26
21	Trabecular bone structure and spatial differences in articular cartilage MR relaxation times in individuals with posterior horn medial meniscal tears. <i>Osteoarthritis and Cartilage</i> , 2013, 21, 86-93.	0.6	24
22	Individuals with medial knee osteoarthritis show neuromuscular adaptation when perturbed during walking despite functional and structural impairments. <i>Journal of Applied Physiology</i> , 2014, 116, 13-23.	1.2	23
23	Physical Activity and Spatial Differences in Medial Knee T1rho and T2 Relaxation Times in Knee Osteoarthritis. <i>Journal of Orthopaedic and Sports Physical Therapy</i> , 2014, 44, 964-972.	1.7	23
24	Zonal differences in meniscus MR relaxation times in response to in vivo static loading in knee osteoarthritis. <i>Journal of Orthopaedic Research</i> , 2016, 34, 249-261.	1.2	19
25	Sagittal plane walking patterns are related to MRI changes over 18 months in people with and without mild to moderate hip osteoarthritis. <i>Journal of Orthopaedic Research</i> , 2018, 36, 1472-1477.	1.2	19
26	Acetabular cartilage defects cause altered hip and knee joint coordination variability during gait. <i>Clinical Biomechanics</i> , 2015, 30, 1202-1209.	0.5	18
27	Quadriceps Strength After Anterior Cruciate Ligament Reconstruction Compared With Uninjured Matched Controls: A Systematic Review and Meta-analysis. <i>Orthopaedic Journal of Sports Medicine</i> , 2021, 9, 232596712199153.	0.8	16
28	Applications of Digital Health Technologies in Knee Osteoarthritis: Narrative Review. <i>JMIR Rehabilitation and Assistive Technologies</i> , 2022, 9, e33489.	1.1	16
29	Astrocyte-Specific Deletion of Peroxisome-Proliferator Activated Receptor- γ Impairs Glucose Metabolism and Estrous Cycling in Female Mice. <i>Journal of the Endocrine Society</i> , 2017, 1, 1332-1350.	0.1	15
30	Quantifying varus thrust in knee osteoarthritis using wearable inertial sensors: A proof of concept. <i>Clinical Biomechanics</i> , 2020, 80, 105232.	0.5	12
31	Association of Quadriceps Adiposity With an Increase in Knee Cartilage, Meniscus, or Bone Marrow Lesions Over Three Years. <i>Arthritis Care and Research</i> , 2021, 73, 1134-1139.	1.5	11
32	Quadriceps and Hamstrings Morphology Is Related to Walking Mechanics and Knee Cartilage MRI Relaxation Times in Young Adults. <i>Journal of Orthopaedic and Sports Physical Therapy</i> , 2013, 43, 881-890.	1.7	9
33	Lower knee extensor and flexor strength is associated with varus thrust in people with knee osteoarthritis. <i>Journal of Biomechanics</i> , 2020, 107, 109865.	0.9	9
34	Inertial Measurement Units and Application for Remote Health Care in Hip and Knee Osteoarthritis: Narrative Review. <i>JMIR Rehabilitation and Assistive Technologies</i> , 2022, 9, e33521.	1.1	9
35	Association of Physical Therapy Interventions With Long-term Opioid Use After Total Knee Replacement. <i>JAMA Network Open</i> , 2021, 4, e2131271.	2.8	7
36	Magnetic resonance analysis of loaded meniscus deformation: a novel technique comparing participants with and without radiographic knee osteoarthritis. <i>Skeletal Radiology</i> , 2015, 44, 125-135.	1.2	6

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37	Effects of Form-Focused Training on Running Biomechanics: A Pilot Randomized Trial in Untrained Individuals. <i>PM and R</i> , 2015, 7, 814-822.	0.9	6
38	Rupture of the ilio-psoas tendon after a total hip arthroplasty: an unusual cause of radio-lucency of the lesser trochanter simulating a malignancy. <i>Journal of Orthopaedic Surgery and Research</i> , 2010, 5, 6.	0.9	5
39	Training in ChiRunning to reduce blood pressure: a randomized controlled pilot study. <i>BMC Complementary and Alternative Medicine</i> , 2015, 15, 368.	3.7	5
40	Does weight-bearing versus non-weight-bearing pain reflect different pain mechanisms in knee osteoarthritis?: the Multicenter Osteoarthritis Study (MOST). <i>Osteoarthritis and Cartilage</i> , 2021, , .	0.6	4
41	Interrelations between factors related to physical activity in inactive adults with knee pain. <i>Disability and Rehabilitation</i> , 2021, , 1-7.	0.9	1
42	Associations Between Smoking Status and Physical and Mental Health-Related Quality of Life Among Individuals With Mobility Impairments. <i>Annals of Behavioral Medicine</i> , 2021, , .	1.7	0
43	Selective Neddylation facilitates proteasome-mediated degradation of Serine Rich Splicing Factor 3 (SRSF3) in non-alcoholic fatty liver disease. <i>FASEB Journal</i> , 2018, 32, 811.20.	0.2	0
44	Time-Restricted Feeding Attenuates Breast Cancer Growth in a Mouse Model of Postmenopausal Obesity. <i>FASEB Journal</i> , 2018, 32, 811.19.	0.2	0