

Alison H Chang

List of Publications by Year in descending order

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41
papers

2,052
citations

331670

21
h-index

315739

38
g-index

43
all docs

43
docs citations

43
times ranked

2130
citing authors

#	ARTICLE	IF	CITATIONS
1	The relationship between specific tissue lesions and pain severity in persons with knee osteoarthritis. <i>Osteoarthritis and Cartilage</i> , 2006, 14, 1033-1040.	1.3	307
2	Hip abduction moment and protection against medial tibiofemoral osteoarthritis progression. <i>Arthritis and Rheumatism</i> , 2005, 52, 3515-3519.	6.7	241
3	Thrust during ambulation and the progression of knee osteoarthritis. <i>Arthritis and Rheumatism</i> , 2004, 50, 3897-3903.	6.7	199
4	External knee adduction and flexion moments during gait and medial tibiofemoral disease progression in knee osteoarthritis. <i>Osteoarthritis and Cartilage</i> , 2015, 23, 1099-1106.	1.3	197
5	The relationship between toe-out angle during gait and progression of medial tibiofemoral osteoarthritis. <i>Annals of the Rheumatic Diseases</i> , 2007, 66, 1271-1275.	0.9	164
6	Full-limb and knee radiography assessments of varus-valgus alignment and their relationship to osteoarthritis disease features by magnetic resonance imaging. <i>Arthritis and Rheumatism</i> , 2007, 57, 398-406.	6.7	81
7	Frequency of varus and valgus thrust and factors associated with thrust presence in persons with or at higher risk of developing knee osteoarthritis. <i>Arthritis and Rheumatism</i> , 2010, 62, 1403-1411.	6.7	77
8	Subregional effects of meniscal tears on cartilage loss over 2 years in knee osteoarthritis. <i>Annals of the Rheumatic Diseases</i> , 2011, 70, 74-79.	0.9	65
9	Varus thrust and knee frontal plane dynamic motion in persons with knee osteoarthritis. <i>Osteoarthritis and Cartilage</i> , 2013, 21, 1668-1673.	1.3	65
10	Varus Thrust and Incident and Progressive Knee Osteoarthritis. <i>Arthritis and Rheumatology</i> , 2017, 69, 2136-2143.	5.6	60
11	The natural history of anteroposterior laxity and its role in knee osteoarthritis progression. <i>Arthritis and Rheumatism</i> , 2005, 52, 2343-2349.	6.7	45
12	Knee confidence as it relates to physical function outcome in persons with or at high risk of knee osteoarthritis in the Osteoarthritis Initiative. <i>Arthritis and Rheumatism</i> , 2012, 64, 1437-1446.	6.7	42
13	Varus–valgus alignment: Reduced risk of subsequent cartilage loss in the less loaded compartment. <i>Arthritis and Rheumatism</i> , 2011, 63, 1002-1009.	6.7	41
14	Effects of femoral rotational taping on pain, lower extremity kinematics, and muscle activation in female patients with patellofemoral pain. <i>Journal of Science and Medicine in Sport</i> , 2015, 18, 388-393.	1.3	41
15	Factors Associated With Pain Experience Outcome in Knee Osteoarthritis. <i>Arthritis Care and Research</i> , 2014, 66, 1828-1835.	3.4	38
16	Relationship of knee pain to time in moderate and light physical activities: Data from Osteoarthritis Initiative. <i>Seminars in Arthritis and Rheumatism</i> , 2018, 47, 683-688.	3.4	38
17	Impaired varus–valgus proprioception and neuromuscular stabilization in medial knee osteoarthritis. <i>Journal of Biomechanics</i> , 2014, 47, 360-366.	2.1	37
18	In vivo and noninvasive six degrees of freedom patellar tracking during voluntary knee movement. <i>Clinical Biomechanics</i> , 2003, 18, 401-409.	1.2	36

#	ARTICLE	IF	CITATIONS
19	Overweight: advancing our understanding of its impact on the knee and the hip. <i>Annals of the Rheumatic Diseases</i> , 2006, 66, 141-142.	0.9	34
20	Proportion and associated factors of meeting the 2018 Physical Activity Guidelines for Americans in adults with or at risk for knee osteoarthritis. <i>Osteoarthritis and Cartilage</i> , 2020, 28, 774-781.	1.3	27
21	Knee Instability and Basic and Advanced Function Decline in Knee Osteoarthritis. <i>Arthritis Care and Research</i> , 2015, 67, 1095-1102.	3.4	25
22	Effects of Pivoting Neuromuscular Training on Pivoting Control and Proprioception. <i>Medicine and Science in Sports and Exercise</i> , 2014, 46, 1400-1409.	0.4	20
23	Association of baseline knee sagittal dynamic joint stiffness during gait and 2-year patellofemoral cartilage damage worsening in knee osteoarthritis. <i>Osteoarthritis and Cartilage</i> , 2017, 25, 242-248.	1.3	20
24	Hip muscle strength and protection against structural worsening and poor function and disability outcomes in knee osteoarthritis. <i>Osteoarthritis and Cartilage</i> , 2019, 27, 885-894.	1.3	20
25	Association of Long-term Strenuous Physical Activity and Extensive Sitting With Incident Radiographic Knee Osteoarthritis. <i>JAMA Network Open</i> , 2020, 3, e204049.	5.9	18
26	Effects of Femoral Rotational Taping on Dynamic Postural Stability in Female Patients With Patellofemoral Pain. <i>Clinical Journal of Sport Medicine</i> , 2017, 27, 438-443.	1.8	15
27	Reallocating time spent in sleep, sedentary behavior and physical activity and its association with pain: a pilot sleep study from the Osteoarthritis Initiative. <i>Osteoarthritis and Cartilage</i> , 2018, 26, 1595-1603.	1.3	14
28	Physical Activity and Worsening of Radiographic Findings in Persons With or at Higher Risk of Knee Osteoarthritis. <i>Arthritis Care and Research</i> , 2019, 71, 198-206.	3.4	11
29	Sleep Disturbance Trajectories in Osteoarthritis. <i>Journal of Clinical Rheumatology</i> , 2021, 27, e440-e445.	0.9	11
30	Video-Based Motion Analysis Use: A National Survey of Orthopedic Physical Therapists. <i>Physical Therapy</i> , 2020, 100, 1759-1770.	2.4	10
31	Immediate and short-term effects of real-time knee adduction moment feedback on the peak and cumulative knee load during walking. <i>Journal of Orthopaedic Research</i> , 2018, 36, 397-404.	2.3	9
32	Offaxis neuromuscular training of knee injuries using an offaxis robotic elliptical trainer. , 2011, 2011, 2081-4.		8
33	Patterns of video-based motion analysis use among sports physical therapists. <i>Physical Therapy in Sport</i> , 2021, 50, 159-165.	1.9	8
34	Development and validation of risk stratification trees for incident slow gait speed in persons at high risk for knee osteoarthritis. <i>Annals of the Rheumatic Diseases</i> , 2019, 78, 1412-1419.	0.9	7
35	Practice-related changes in lumbar loading during rapid voluntary pulls made while standing. <i>Clinical Biomechanics</i> , 2000, 15, 726-734.	1.2	5
36	Effects of tai chi on postural control during dual-task stair negotiation in knee osteoarthritis: a randomised controlled trial protocol. <i>BMJ Open</i> , 2020, 10, e033230.	1.9	5

#	ARTICLE	IF	CITATIONS
37	Improvement in off-axis neuromuscular control through pivoting elliptical training: Implication for knee injury prevention. , 2010, 2010, 4846-9.		4
38	Association between Pre-Intervention Physical Activity Level and Treatment Response to Exercise Therapy in Persons with Knee Osteoarthritis” An Exploratory Study. ACR Open Rheumatology, 2019, 1, 104-112.	2.1	4
39	Femoral Neck Stress Fracture in a Female Runner. Journal of Orthopaedic and Sports Physical Therapy, 2018, 48, 343-343.	3.5	2
40	Plane Dependent Subject-Specific Neuromuscular Training for Knee Rehabilitation. IEEE Transactions on Neural Systems and Rehabilitation Engineering, 2020, 28, 1876-1883.	4.9	0
41	Knee Confidence Trajectories Over Eight Years and Factors Associated With Poor Trajectories in Individuals With or at Risk for Knee Osteoarthritis. Arthritis Care and Research, 2022, 74, 1857-1865.	3.4	0