

Edwin H G Oei

List of Publications by Year in descending order

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Version: 2024-02-01

116
papers

3,828
citations

101543

36
h-index

149698

56
g-index

117
all docs

117
docs citations

117
times ranked

4444
citing authors

#	ARTICLE	IF	CITATIONS
1	High Bone Mineral Density and Fracture Risk in Type 2 Diabetes as Skeletal Complications of Inadequate Glucose Control. <i>Diabetes Care</i> , 2013, 36, 1619-1628.	8.6	309
2	Factors that predict a poor outcome 5â€“8â€“years after the diagnosis of patellofemoral pain: a multicentre observational analysis. <i>British Journal of Sports Medicine</i> , 2016, 50, 881-886.	6.7	182
3	ICON 2019: International Scientific Tendinopathy Symposium Consensus: Clinical Terminology. <i>British Journal of Sports Medicine</i> , 2020, 54, 260-262.	6.7	133
4	Prediction model for knee osteoarthritis incidence, including clinical, genetic and biochemical risk factors. <i>Annals of the Rheumatic Diseases</i> , 2014, 73, 2116-2121.	0.9	111
5	Recommendations of the ESSR Arthritis Subcommittee for the Use of Magnetic Resonance Imaging in Musculoskeletal Rheumatic Diseases. <i>Seminars in Musculoskeletal Radiology</i> , 2015, 19, 396-411.	0.7	110
6	Quantitative MRI techniques of cartilage composition. <i>Quantitative Imaging in Medicine and Surgery</i> , 2013, 3, 162-74.	2.0	106
7	Cam Deformity and Acetabular Dysplasia as Risk Factors for Hip Osteoarthritis. <i>Arthritis and Rheumatology</i> , 2017, 69, 86-93.	5.6	105
8	Diabetes, Diabetic Complications, and Fracture Risk. <i>Current Osteoporosis Reports</i> , 2015, 13, 106-115.	3.6	94
9	Association between biomarkers of tissue inflammation and progression of osteoarthritis: evidence from the Rotterdam study cohort. <i>Arthritis Research and Therapy</i> , 2016, 18, 81.	3.5	85
10	ICON 2019â€”International Scientific Tendinopathy Symposium Consensus: There are nine core health-related domains for tendinopathy (CORE DOMAINS): Delphi study of healthcare professionals and patients. <i>British Journal of Sports Medicine</i> , 2020, 54, 444-451.	6.7	85
11	Crepitus is a first indication of patellofemoral osteoarthritis (and not of tibiofemoral) Tj ETQq1 1 0.784314 rgBT /Oyerlock 10 Tf 50 342 1.3 82		
12	Quantitative imaging methods in osteoporosis. <i>Quantitative Imaging in Medicine and Surgery</i> , 2016, 6, 680-698.	2.0	74
13	Is T1Ï•Mapping an Alternative to Delayed Gadolinium-enhanced MR Imaging of Cartilage in the Assessment of Sulphated Glycosaminoglycan Content in Human Osteoarthritic Knees? An In Vivo Validation Study. <i>Radiology</i> , 2016, 279, 523-531.	7.3	68
14	Review of radiological scoring methods of osteoporotic vertebral fractures for clinical and research settings. <i>European Radiology</i> , 2013, 23, 476-486.	4.5	67
15	How to define subregional osteoarthritis progression using semi-quantitative MRI Osteoarthritis Knee Score (MOAKS). <i>Osteoarthritis and Cartilage</i> , 2014, 22, 1533-1536.	1.3	67
16	Degenerative Changes in the Knee 2 Years After Anterior Cruciate Ligament Rupture and Related Risk Factors. <i>American Journal of Sports Medicine</i> , 2016, 44, 1524-1533.	4.2	66
17	Quantitative Radiologic Imaging Techniques for Articular Cartilage Composition: Toward Early Diagnosis and Development of Diseaseâ€”Modifying Therapeutics for Osteoarthritis. <i>Arthritis Care and Research</i> , 2014, 66, 1129-1141.	3.4	65
18	Osteoporotic Vertebral Fracture Prevalence Varies Widely Between Qualitative and Quantitative Radiological Assessment Methods: The Rotterdam Study. <i>Journal of Bone and Mineral Research</i> , 2018, 33, 560-568.	2.8	65

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19	PET/MRI of metabolic activity in osteoarthritis: A feasibility study. <i>Journal of Magnetic Resonance Imaging</i> , 2017, 45, 1736-1745.	3.4	63
20	Automated Classification of Radiographic Knee Osteoarthritis Severity Using Deep Neural Networks. <i>Radiology: Artificial Intelligence</i> , 2020, 2, e190065.	5.8	58
21	Effectiveness of progressive tendon-loading exercise therapy in patients with patellar tendinopathy: a randomised clinical trial. <i>British Journal of Sports Medicine</i> , 2021, 55, 501-509.	6.7	54
22	ICON PART-T 2019â€œInternational Scientific Tendinopathy Symposium Consensus: recommended standards for reporting participant characteristics in tendinopathy research (PART-T). <i>British Journal of Sports Medicine</i> , 2020, 54, 627-630.	6.7	52
23	Inter-observer reliability for radiographic assessment of early osteoarthritis features: the CHECK (cohort hip and cohort knee) study. <i>Osteoarthritis and Cartilage</i> , 2014, 22, 969-974.	1.3	51
24	Structural Abnormalities on Magnetic Resonance Imaging in Patients With Patellofemoral Pain. <i>American Journal of Sports Medicine</i> , 2016, 44, 2339-2346.	4.2	51
25	Prevalence and development of hip and knee osteoarthritis according to American College of Rheumatology criteria in the CHECK cohort. <i>Arthritis Research and Therapy</i> , 2019, 21, 4.	3.5	50
26	Sensitivity and associations with pain and body weight of an MRI definition of knee osteoarthritis compared with radiographic Kellgren and Lawrence criteria: a population-based study in middle-aged females. <i>Osteoarthritis and Cartilage</i> , 2014, 22, 440-446.	1.3	48
27	International patellofemoral osteoarthritis consortium: Consensus statement on the diagnosis, burden, outcome measures, prognosis, risk factors and treatment. <i>Seminars in Arthritis and Rheumatism</i> , 2018, 47, 666-675.	3.4	47
28	Clinically applied CT arthrography to measure the sulphated glycosaminoglycan content of cartilage. <i>Osteoarthritis and Cartilage</i> , 2011, 19, 1183-1189.	1.3	44
29	Image registration improves human knee cartilage T1 mapping with delayed gadolinium-enhanced MRI of cartilage (dGEMRIC). <i>European Radiology</i> , 2013, 23, 246-252.	4.5	42
30	Fiveâ€minute knee MRI for simultaneous morphometry and T ₂ relaxometry of cartilage and meniscus and for semiquantitative radiological assessment using doubleâ€echo in steadyâ€state at 3T. <i>Journal of Magnetic Resonance Imaging</i> , 2018, 47, 1328-1341.	3.4	41
31	Prevalence of Radiographic and Magnetic Resonance Imaging Features of Patellofemoral Osteoarthritis in Young and Middleâ€Aged Adults With Persistent Patellofemoral Pain. <i>Arthritis Care and Research</i> , 2019, 71, 1068-1073.	3.4	41
32	The QIBA Profile for MRI-based Compositional Imaging of Knee Cartilage. <i>Radiology</i> , 2021, 301, 423-432.	7.3	41
33	No Difference on Quantitative Magnetic Resonance Imaging in Patellofemoral Cartilage Composition Between Patients With Patellofemoral Pain and Healthy Controls. <i>American Journal of Sports Medicine</i> , 2016, 44, 1172-1178.	4.2	40
34	Reproducibility of 3D delayed gadolinium enhanced MRI of cartilage (dGEMRIC) of the knee at 3.0 T in patients with early stage osteoarthritis. <i>European Radiology</i> , 2013, 23, 496-504.	4.5	38
35	Scheuermann Disease. <i>Spine</i> , 2013, 38, 1690-1694.	2.0	38
36	Quantifying osteoarthritic cartilage changes accurately using in vivo microCT arthrography in three etiologically distinct rat models. <i>Journal of Orthopaedic Research</i> , 2011, 29, 1788-1794.	2.3	37

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37	Malalignment: a possible target for prevention of incident knee osteoarthritis in overweight and obese women. <i>Rheumatology</i> , 2014, 53, 1618-1624.	1.9	36
38	Dissecting the relationship between high-sensitivity serum C-reactive protein and increased fracture risk: the Rotterdam Study. <i>Osteoporosis International</i> , 2014, 25, 1247-1254.	3.1	35
39	CT arthrography of the human knee to measure cartilage quality with low radiation dose. <i>Osteoarthritis and Cartilage</i> , 2012, 20, 678-685.	1.3	33
40	Development of a prediction model for future risk of radiographic hip osteoarthritis. <i>Osteoarthritis and Cartilage</i> , 2018, 26, 540-546.	1.3	33
41	Genome-wide association study for radiographic vertebral fractures: A potential role for the 16q24 BMD locus. <i>Bone</i> , 2014, 59, 20-27.	2.9	32
42	Delayed Gadolinium-Enhanced MRI of Cartilage (dGEMRIC) Shows No Change in Cartilage Structural Composition after Viscosupplementation in Patients with Early-Stage Knee Osteoarthritis. <i>PLoS ONE</i> , 2013, 8, e79785.	2.5	32
43	Is patellofemoral pain a precursor to osteoarthritis?. <i>Bone and Joint Research</i> , 2018, 7, 541-547.	3.6	31
44	Associations of Fetal and Infant Weight Change With General, Visceral, and Organ Adiposity at School Age. <i>JAMA Network Open</i> , 2019, 2, e192843.	5.9	31
45	A quantitative non-invasive assessment of femoroacetabular impingement with CT-based dynamic simulation - cadaveric validation study. <i>BMC Musculoskeletal Disorders</i> , 2015, 16, 50.	1.9	30
46	Effect of weight change on progression of knee OA structural features assessed by MRI in overweight and obese women. <i>Osteoarthritis and Cartilage</i> , 2018, 26, 1666-1674.	1.3	29
47	T2 mapping of the meniscus is a biomarker for early osteoarthritis. <i>European Radiology</i> , 2019, 29, 5664-5672.	4.5	28
48	Value of quantitative MRI parameters in predicting and evaluating clinical outcome in conservatively treated patients with chronic midportion Achilles tendinopathy: A prospective study. <i>Journal of Science and Medicine in Sport</i> , 2017, 20, 633-637.	1.3	27
49	Magnetic Resonance Imaging Versus Computed Tomography for Three-dimensional Bone Imaging of Musculoskeletal Pathologies: A Review. <i>Journal of Magnetic Resonance Imaging</i> , 2022, 56, 11-34.	3.4	27
50	General and Organ Fat Assessed by Magnetic Resonance Imaging and Respiratory Outcomes in Childhood. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2020, 201, 348-355.	5.6	24
51	Costs and effectiveness of a brief MRI examination of patients with acute knee injury. <i>European Radiology</i> , 2009, 19, 409-418.	4.5	23
52	Factors associated with meniscal body extrusion on knee MRI in overweight and obese women. <i>Osteoarthritis and Cartilage</i> , 2017, 25, 694-699.	1.3	23
53	Combined 5-minute double-echo in steady-state with separated echoes and 2-minute proton-density-weighted 2D FSE sequence for comprehensive whole-joint knee MRI assessment. <i>Journal of Magnetic Resonance Imaging</i> , 2019, 49, e183-e194.	3.4	23
54	Time-saving opportunities in knee osteoarthritis: T2 mapping and structural imaging of the knee using a single 5-min MRI scan. <i>European Radiology</i> , 2020, 30, 2231-2240.	4.5	23

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55	Prevention of Incident Knee Osteoarthritis by Moderate Weight Loss in Overweight and Obese Females. <i>Arthritis Care and Research</i> , 2016, 68, 1428-1433.	3.4	22
56	Simultaneous bilateral knee MR imaging. <i>Magnetic Resonance in Medicine</i> , 2018, 80, 529-537.	3.0	21
57	Predicting Knee Pain and Knee Osteoarthritis Among Overweight Women. <i>Journal of the American Board of Family Medicine</i> , 2019, 32, 575-584.	1.5	21
58	The association between patellar tendon stiffness measured with shear-wave elastography and patellar tendinopathy—a case-control study. <i>European Radiology</i> , 2020, 30, 5942-5951.	4.5	21
59	A machine learning approach to distinguish between knees without and with osteoarthritis using MRI-based radiomic features from tibial bone. <i>European Radiology</i> , 2021, 31, 8513-8521.	4.5	21
60	Delayed gadolinium-enhanced MRI of the meniscus (dGEMRIM) in patients with knee osteoarthritis: relation with meniscal degeneration on conventional MRI, reproducibility, and correlation with dGEMRIC. <i>European Radiology</i> , 2014, 24, 2261-2270.	4.5	20
61	Quantitative in vivo CT arthrography of the human osteoarthritic knee to estimate cartilage sulphated glycosaminoglycan content: correlation with ex-vivo reference standards. <i>Osteoarthritis and Cartilage</i> , 2016, 24, 1012-1020.	1.3	20
62	Type 2 Diabetes Mellitus and Vertebral Fracture Risk. <i>Current Osteoporosis Reports</i> , 2021, 19, 50-57.	3.6	20
63	Acute Knee Trauma: Value of a Short Dedicated Extremity MR Imaging Examination for Prediction of Subsequent Treatment. <i>Radiology</i> , 2005, 234, 125-133.	7.3	19
64	Quantitative DCE-MRI demonstrates increased blood perfusion in Hoffa's fat pad signal abnormalities in knee osteoarthritis, but not in patellofemoral pain. <i>European Radiology</i> , 2020, 30, 3401-3408.	4.5	19
65	Cartilage Imaging: Techniques and Developments. <i>Seminars in Musculoskeletal Radiology</i> , 2018, 22, 245-260.	0.7	17
66	Detection of knee synovitis using non-contrast-enhanced qDESS compared with contrast-enhanced MRI. <i>Arthritis Research and Therapy</i> , 2021, 23, 55.	3.5	17
67	Genome-wide association study for radiographic vertebral fractures: a potential role for the 16q24 BMD locus. <i>Bone</i> , 2014, 59, 20-7.	2.9	17
68	Differences in MRI features between two different osteoarthritis subpopulations: data from the Osteoarthritis Initiative. <i>Osteoarthritis and Cartilage</i> , 2016, 24, 822-826.	1.3	15
69	Dynamic contrast-enhanced MRI of the patellar bone: How to quantify perfusion. <i>Journal of Magnetic Resonance Imaging</i> , 2018, 47, 848-858.	3.4	15
70	The added prognostic value of MRI findings for recovery in patients with low back pain in primary care: a 1-year follow-up cohort study. <i>European Spine Journal</i> , 2016, 25, 1234-1241.	2.2	14
71	Reducing progression of knee OA features assessed by MRI in overweight and obese women: secondary outcomes of a preventive RCT. <i>Osteoarthritis and Cartilage</i> , 2016, 24, 982-990.	1.3	14
72	Predictive Factors of Hamstring Tendon Regeneration and Functional Recovery After Harvesting: A Prospective Follow-up Study. <i>American Journal of Sports Medicine</i> , 2018, 46, 1166-1174.	4.2	14

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73	Associations of maternal caffeine intake during pregnancy with abdominal and liver fat deposition in childhood. <i>Pediatric Obesity</i> , 2020, 15, e12607.	2.8	14
74	Maternal Glucose Concentrations in Early Pregnancy and Cardiometabolic Risk Factors in Childhood. <i>Obesity</i> , 2020, 28, 985-993.	3.0	14
75	Tissue-specific T ₂ * Biomarkers in Patellar Tendinopathy by Subregional Quantification Using 3D Ultrashort Echo Time MRI. <i>Journal of Magnetic Resonance Imaging</i> , 2020, 52, 420-430.	3.4	13
76	Association between Baseline Osteoarthritic Features on MR Imaging and Clinical Outcome after Genicular Artery Embolization for Knee Osteoarthritis. <i>Journal of Vascular and Interventional Radiology</i> , 2021, 32, 497-503.	0.5	13
77	Vertebral Fractures and Morphometric Deformities. <i>Journal of Bone and Mineral Research</i> , 2018, 33, 1544-1545.	2.8	12
78	Association between meniscal volume and development of knee osteoarthritis. <i>Rheumatology</i> , 2021, 60, 1392-1399.	1.9	12
79	Kellgren & Lawrence grading in cohort studies: methodological update and implications illustrated using data from the CHECK cohort. <i>Arthritis Care and Research</i> , 2021, . .	3.4	12
80	Accuracy of magnetic resonance imaging to detect cartilage loss in severe osteoarthritis of the first carpometacarpal joint: comparison with histological evaluation. <i>Arthritis Research and Therapy</i> , 2017, 19, 55.	3.5	11
81	Quantitative subchondral bone perfusion imaging in knee osteoarthritis using dynamic contrast enhanced MRI. <i>Seminars in Arthritis and Rheumatism</i> , 2020, 50, 177-182.	3.4	11
82	Diagnostic accuracy of grayscale, power Doppler and contrast-enhanced ultrasound compared with contrast-enhanced MRI in the visualization of synovitis in knee osteoarthritis. <i>European Journal of Radiology</i> , 2020, 133, 109392.	2.6	11
83	Association Between T ₂ * Relaxation Times Derived From Ultrashort Echo Time MRI and Symptoms During Exercise Therapy for Patellar Tendinopathy: A Large Prospective Study. <i>Journal of Magnetic Resonance Imaging</i> , 2021, 54, 1596-1605.	3.4	10
84	Blood perfusion of patellar bone measured by dynamic contrast-enhanced MRI in patients with patellofemoral pain: A case-control study. <i>Journal of Magnetic Resonance Imaging</i> , 2018, 48, 1344-1350.	3.4	9
85	Multi-functionality of computer-aided quantitative vertebral fracture morphometry analyses. <i>Quantitative Imaging in Medicine and Surgery</i> , 2013, 3, 249-55.	2.0	9
86	Osteoarthritis year in review 2021: imaging. <i>Osteoarthritis and Cartilage</i> , 2022, 30, 226-236.	1.3	9
87	Possibility of quantitative T ₂ mapping MRI of cartilage near metal in high tibial osteotomy: A human cadaver study. <i>Journal of Orthopaedic Research</i> , 2018, 36, 1206-1212.	2.3	8
88	Quantitative volume and dynamic contrast-enhanced MRI derived perfusion of the infrapatellar fat pad in patellofemoral pain. <i>Quantitative Imaging in Medicine and Surgery</i> , 2021, 11, 133-142.	2.0	8
89	Where's the break? Critique of radiographic vertebral fracture diagnostic methods. <i>Osteoporosis International</i> , 2021, 32, 2391-2395.	3.1	8
90	Osteoporotic Vertebral Fractures as Part of Systemic Disease. <i>Journal of Clinical Densitometry</i> , 2016, 19, 70-80.	1.2	7

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91	Systematic assessment of the growth plates of the wrist in young gymnasts: development and validation of the Amsterdam MRI assessment of the Physis (AMPHYS) protocol. <i>BMJ Open Sport and Exercise Medicine</i> , 2018, 4, e000352.	2.9	7
92	MRI follow-up of conservatively treated meniscal knee lesions in general practice. <i>European Radiology</i> , 2010, 20, 1242-1250.	4.5	6
93	Hyaline fibromatosis of Hoffa's fat pad in a patient with a mild type of hyaline fibromatosis syndrome. <i>Skeletal Radiology</i> , 2014, 43, 531-534.	2.0	6
94	Association of urinary biomarker COL2-1NO 2 with incident clinical and radiographic knee OA in overweight and obese women. <i>Osteoarthritis and Cartilage</i> , 2015, 23, 1398-1404.	1.3	6
95	Visceral adiposity and respiratory outcomes in children and adults: a systematic review. <i>International Journal of Obesity</i> , 2022, 46, 1083-1100.	3.4	6
96	Influence of delayed gadolinium enhanced MRI of cartilage (dGEMRIC) protocol on T2-mapping: is it possible to comprehensively assess knee cartilage composition in one post-contrast MR examination at 3 Tesla?. <i>Osteoarthritis and Cartilage</i> , 2017, 25, 1484-1487.	1.3	5
97	T2 relaxation times of knee cartilage in 109 patients with knee pain and its association with disease characteristics. <i>Monthly Notices of the Royal Astronomical Society: Letters</i> , 2021, 92, 335-340.	3.3	5
98	3D MRI in Osteoarthritis. <i>Seminars in Musculoskeletal Radiology</i> , 2021, 25, 468-479.	0.7	5
99	Additional Value of Different Radiographic Views on the Identification of Early Radiographic Hip and Knee Osteoarthritis and Its Progression: A Cohort Study. <i>Arthritis Care and Research</i> , 2017, 69, 1644-1650.	3.4	4
100	Association Between Self-Reported Spinal Morning Stiffness and Radiographic Evidence of Lumbar Disk Degeneration in Participants of the Cohort Hip and Cohort Knee (CHECK) Study. <i>Physical Therapy</i> , 2020, 100, 255-267.	2.4	4
101	Decreasing patellar tendon stiffness during exercise therapy for patellar tendinopathy is associated with better outcome. <i>Journal of Science and Medicine in Sport</i> , 2022, 25, 372-378.	1.3	4
102	Using Cost-Effectiveness Analysis to Measure Value in Musculoskeletal Imaging. <i>Seminars in Musculoskeletal Radiology</i> , 2017, 21, 037-042.	0.7	3
103	Genicular artery embolization as a novel treatment for mild to moderate knee osteoarthritis: protocol design of a randomized sham-controlled clinical trial. <i>Trials</i> , 2022, 23, 24.	1.6	3
104	Body fat, pericardial fat, liver fat and arterial health at age 10 years. <i>Pediatric Obesity</i> , 2022, 17, e12926.	2.8	3
105	Genetics of Osteoporotic Vertebral Fractures. <i>Journal of Clinical Densitometry</i> , 2016, 19, 23-28.	1.2	2
106	Knee osteoarthritis in traumatic knee symptoms in general practice: 6-year cohort study. <i>BMJ Open Sport and Exercise Medicine</i> , 2016, 2, e000153.	2.9	1
107	Response to Osteoporotic Vertebral Fracture Prevalence Varies Widely. <i>Journal of Bone and Mineral Research</i> , 2018, 33, 1550-1550.	2.8	1
108	Medial Cartilage Surface Integrity as a Surrogate Measure for Incident Radiographic Knee Osteoarthritis following Weight Changes. <i>Cartilage</i> , 2019, , 194760351989230.	2.7	1

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109	The association between meniscal body extrusion and the development/enlargement of bone marrow lesions on knee MRI in overweight and obese women. <i>Osteoarthritis and Cartilage Open</i> , 2020, 1, 100015.	2.0	1
110	Knee instability in patients with traumatic knee disorders: a cohort study in primary care. <i>Family Practice</i> , 2015, 32, cmv023.	1.9	0
111	Cardio-abdominal echinococcosis: A man with a visible pulsating abdominal mass. <i>IDCases</i> , 2018, 11, 46-47.	0.9	0
112	Editorial for "Failed Total Hip Arthroplasty: Diagnostic Performance of Locoregional Lymphadenopathy at MRI to Identify Infected Implants" • <i>Journal of Magnetic Resonance Imaging</i> , 2021, 53, 211-212.	3.4	0
113	MORPHOLOGICAL IMAGING OF JOINT REPAIR. , 2014, , 51-108.		0
114	Quantitative musculoskeletal imaging biomarkers. <i>Quantitative Imaging in Medicine and Surgery</i> , 2016, 6, 621-622.	2.0	0
115	Contemporary methods of acquiring patellofemoral joint radiographs: a scoping review. <i>Osteoarthritis Imaging</i> , 2022, 2, 100008.	0.4	0
116	Effectiveness and cost-effectiveness of a combined lifestyle intervention compared with usual care for patients with early-stage knee osteoarthritis who are overweight (LITE): protocol for a randomised controlled trial. <i>BMJ Open</i> , 2022, 12, e059554.	1.9	0