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863	Abdel	Matthew P.	Intra-Articular Decorin Does Not Reduce Contractures, but Does Influence the Fibrosis Genetic Expression Profile In a Rabbit Model of Joint Contracture
1548	Abdelgaied	Abdellatif	Effect of Backside Wear and Bearing Material on Wear Performance of Rotating Platform Mobile Bearings
713	Abdulkarim	Ali	THE USE OF SOUND ANALYSIS TO GUIDE FEMORAL REAMING IN UNCEMENTED TOTAL HIP ARTHROPLASTY: A NEW CONCEPT
714	Abdulkarim	Ali	The use of hammering sound to objectively predict micro-fracture in bones in Rasping: A study on animal bone
739	Abdulkarim	Ali	Cemented versus Uncemented fixation in Total Hip Replacement: A Systematic Review & Meta-Analysis.
740	Abdulkarim	Ali	The influence of patellofemoral degenerative changes on the outcome of the unicompartmental knee replacement
741	Abdulkarim	Ali	An alternative method for predicting component sizes in total knee arthroplasty.
743	Abdulkarim	Ali	VASCULAR INJURIES ASSOCIATED WITH TRAUMATIC BONE INJURIES
1144	Abrassart	Sophie	3D finite element modeling of clavicle for stress fractures
1154	Abrassart	Sophie	modélisation of supraspinatus muscle
971	Abulaban	Abdullah	Arthroscopy versus MRI in Diagnosis of Cruciate Ligaments and Meniscal Tears
946	Acker	Antoine Sebastien	Objective outcome using gait analysis of cementless total hip arthroplasty with a cementless dual mobility cup. A retrospective study at a mean follow-up of 5 years.
1478	Aframian	Arash	ACL AND MPFL CONCURRENT RUPTURE RATE : AN MRI STUDY
1573	Aframian	Arash	Locking plate for distal femoral fractures
1574	Aframian	Arash	Proximal Femoral Nail Anti-rotation (PFNA) - Quality of reduction & fixation : A district general hospital experience
1576	Aframian	Arash	Streamling Total Hip & Knee Replacement instrument sets: Functional & cost-effective?
1577	Aframian	Arash	Trabecular Metal reconstruction of severe acetabular defects
1578	Aframian	Arash	Prophylaxis for Venous ThromboEmbolism in neck of femur fracture : A re-audit
1579	Aframian	Arash	Raised white cell count in patients admitted with fractured neck of femur : Should there be a delay in surgery?
795	Agranovich	Olga	The prediction results of treatment of upper limbs deformities in patients with arthrogryposis multiplex congenita
1610	Agranovich	Olga	Prognostication the results of transposition of m.pectoralis major for restoration of elbow flexion in patients with arthrogryposis
1688	Agrawal	Shreya	Fine tunable PEG surface coatings for orthopaedic implants and bone grafts to bypass immune rejection.
1457	AHMAD	TASHFEEN	Global trends in Orthopaedic publications: The EBM perspective
1036	Akiko	Onda	Acupuncture treatment improves spiral wire immobilization-induced skeletal muscle atrophy and reduces Ca2+ ATPase (SERCA1) expression
1139	Akita	Shosuke	MEDIUM-TERM RESULTS OF UNLINKED ELBOW ARTHROPLASTY FOR STIFF ELBOWS WITH RHEUMATOID ARTHRITIS
1389	Al-Hajjar	Mazen	Frictional Torque of Large Diameter Ceramic-on-Ceramic Bearings in Total hip Replacements
799	Alizadehkhaiyat	Omid	Outcome of Total Elbow Replacement: A 4- Year Mean Follow-Up
800	Alizadehkhaiyat	Omid	The Relationship between Skeletal Muscle Mass Indices Determined by Segmental Bio-impedance and Muscle Strength
819	Alizadehkhaiyat	Omid	Patient-centred Assessment of Pain, Functional Disability, and Psychologic Status in Tennis Elbow
925	Alqahtani	Saad	Implantable Micro-Machined Capacitive Sensor To Monitor Compartment Pressures In Lower Limb
1203	Amiri	Shahram	Accuracy Evaluation of a Tracked C-arm System for Intraoperative 2D & 3D Quantitative Assessments
902	Anderson	James	Development of an experimental bio-mechanical simulation model of Avascular Necrosis in the femoral head
1024	Anglin	Carolyn	Investigating Knee Kinematics Before and After Total Knee Arthroplasty to Explore the Influence of Prosthesis Shape and Placement
1030	Anglin	Carolyn	Developing a spine surgery training tool - measuring forces in the pedicle
842	Arima	Hideyuki	MR16-1 allows recovery from spinal cord injury: An evaluation-based study using imaging mass spectrometry
1125	Ariumi	Akihiro	Three-dimensional assessment of the mechanical axis crossing point of the knee joint line in the weight-bearing standing position in healthy elderly subjects.
1712	Armengol	Monica	MECHANICAL PROPERTIES OF PORCINE TIBIAL PLATEAU CARTILAGE CORRELATE WITH POSITION OF EXPECTED OSTEOARTHRIC LESIONS
909	Arnold	John	ASYMMETRY OF LOWER LIMB JOINT LOADING IN ADVANCED KNEE OSTEOARTHRITIS
1643	Arntz	Phillip Christian	Development of a foamable bone substitute for application to osteoporotic bone voids
1639	Aro	Hannu	68Ga-DOTA-Siglec-9 PET imaging detects biomaterial infection caused by S. epidermidis
1204	Atsushi	Noro	Apatite-forming ability of the new Ti-Nb-Sn alloy with low Young's modulus via anodic oxidation and hot water treatment
1239	Avnet	Sofia	Sustained Autocrine Induction and Impaired Negative Feedback of Osteoclastogenesis in CD14+ Cells of Giant Cell Tumor of Bone
1070	Baglio	Serena Rubina	Exosome-mediated communication in the osteosarcoma microenvironment
1205	Barrios	Carlos	Myoelectric imbalance in the coupled activity of the superficial long paraspinal muscles and the deep rotators at both sides of the curve in patients with idiopathic scoliosis. Direct intramuscular EMG recording in different spine tasks.
1216	Barrios	Carlos	Neurophysiologic monitoring during acute and progressive compression injury of the spinal cord experimentally induced in pigs.
1516	Barrios	Carlos	MRI assessment of fat infiltration and atrophy of the lumbar muscles after one single level fusion with topping-off dynamic stabilization.

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1597	Barrios	Carlos	Intraoperative spinal cord blood flow measurements using high resolution laser doppler. The value of cord neurophysiological monitoring.
1667	Barrios	Carlos	The influence of growth blocking of the neurocentral cartilages on the development of the spinal canal. An experimental study in pigs.
1654	Beaule	Paul E.	Ion Release after Modular Neck Primary Total Hip Replacement: a Prospective Longitudinal Study
1655	Beaule	Paul E.	The CAM Deformity in Patients with Femoroacetabular Impingement Demonstrates Lost of Proteoglycan Content
1657	Beaule	Paul E.	A Randomized Controlled Trial of a Cemented vs. Cementless Femoral Component for Metal-on-Metal Hip Resurfacing: a Bone Mineral Density Study
1684	Beaule	Paul E.	Mechanical Properties of Cartilage from Cam-Type Femoracetabular Impingement Deformities
1228	Beckmann	Rainer	Characterization of haemathrosis derived stem cells after abrasion arthroplasty
1248	Beckmann	Rainer	Enoxaparin co-treatment by high-dosis glucocorticoid therapy can prevent steroid-related avascular necrosis of the femoral head.
1279	Bellare	Anuj	The relative efficacy of phenolic antioxidants on crosslinking and oxidative stability of irradiated UHMWPE
1282	Bellare	Anuj	Is Vitamin E a plasticizing agent for UHMWPE?
1196	Bensidhoum	Morad	Perfusion bioreactor for engineering bone constructs: Bone regeneration in sheep using coral scaffold and autologous mesenchymal stem cells
1206	Bensidhoum	Morad	Comparative effects of hydrostatic compression and shear stress on early mechano responsive gene expression in human MSCs
1284	Bertollo	Nicky	Postoperative Component Alignment Parameters Following Total Knee Arthroplasty with Patient-Specific Instrumentation
1681	Bhattacharjee	Atanu	Capacity of in vitro expanded Bone Marrow Stromal Cells to make new bone in a setting of non-union: A Randomised Control Study
1528	Bhushan	Pranay	Effectiveness of WHO regime in Spinal Tuberculosis- Prospective Study
1605	Bianchi	Michele	Substrate geometry directs the mineralization of calcium phosphate ceramics in vitro
1312	BIBI	ASIA	Surgilig™ synthetic ligament: An effective treatment for acute and chronic acromioclavicular joint dislocations
962	Bichara	David	Particles from vitamin-E-diffused highly cross-linked UHMWPE induce less osteolysis compared to virgin UHMWPE in a murine calvarial bone model
1308	Binch	Abbie Louise Ann	Cytokine Regulation of Neurotrophic Factors & Pain Related Peptides in Disc & Nerves - Implications in Discogenic Pain
1338	Binch	Abbie Louise Ann	Implications of Semaphorins on Neural Ingrowth in Disc Degeneration
1515	Binderman	Itzhak	Bioactive coral mineral bone graft derived from cultures of corals grown in aquariums
989	BISTOLFI	ALESSANDRO	Reduced bacterial/fungal adhesion on vitamin E-added UHMWPE and crosslinked UHMWPE for total joint arthroplasties
1549	Blackburn	Julia	Lysophospholipid-functionalised titanium – a dual action surface supporting human osteoblast maturation whilst deterring bacterial attachment
1727	Bociaga	Dorota	Evaluation of mechanical, antimicrobial efficacy and biocompatibility of Si doped carbon coatings onto stainless steel and titanium orthopaedic implants.
990	Boissonneault	Adam	Association of tibiofemoral osteoarthritis with hip geometry: Multicenter Osteoarthritis Study (MOST)
1271	Bonnevie	Edward	Stribeck Analysis of Articular Cartilage Lubrication: Roles of Different Injectable Hyaluronic Acids and Endogenous Lubricin
1540	Bonuccelli	Gloria	Role of mesenchymal stromal cells in the pathogenesis of osteosarcoma
1035	Boonen	Bert	Radiographic and operative outcome for patient-specific guides compared to conventional instrumentation in total knee arthroplasty. A multicentre, prospective, randomised controlled trial.
862	Boontanapibul	Krit	Radiographic measurement technique for vertical displacement of pelvic ring injury: Experimental cadaveric study
1438	Borgwardt	Arne	A randomized, controlled study of ReCap, Magnum and C2a.
1131	Boriani	Filippo	Combined Orthoplastic approach to open tibial fractures: a prospective multicentric study.
1005	Bostom	Mathias	Intermittent PTH and Mechanical Loading Increase the Quality, Quantity and Mechanical Integrity of a Porous Titanium Implant-Bone Interface.
1068	Bou Francis	Antony	Novel methodology for assessing cement injection behaviour in vertebroplasty
1124	BOUGUENNEC	Nicolas	Can the computer-assisted surgery improve the restitution of the length and the global offset during a total hip arthroplasty?
870	Boutefnouchet	Tarek	The impact of achieving major trauma centre status on operative time and theatre utilisation: experience from a UK trauma centre.
1071	Brandolini	Nicola	A dynamic in vitro investigation on the behaviour of the pedicles and facets in spinal burst fractures.
1162	Brini	Anna Teresa	Osteochondral regeneration of a critical size defect in a minipig model using Adipose-derived Stem Cells in association with an hydrogel of oligo(polyethylene glycol) fumarate
1434	Brochhausen	Christoph	Scaffold-free, spheroid-based strategy for the regeneration of articular cartilage defects - first histological and ultrastructural results.
1066	Brockett	Claire	Influence of Material and Geometry on the Wear of Fixed Bearing Total Knee Replacements
1537	Bruni	Danilo	Does Total Knee Replacement Modify Flexion Axis Of The Knee On Frontal And Axial Plane Regardless From Limb Alignment?
1539	Bruni	Danilo	UNICOMPARTMENTAL KNEE REPLACEMENT – Implant Survivorship With All-Poly Tibial Component

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1013	Bryan	Hannah	Occurrence of Post Operative Complications of Cemented Versus Uncemented Total Hip Replacements
1444	Buchanan	Thomas	Real-time estimation of in vivo muscle forces: variations in antagonist muscle forces in flexion and extension tasks
1318	Buizer	Arina	Angiogenic factor production in hMSCs under hypoxic circumstances
969	Bulgakov	Valery	The effect of storage and continuous formation of metallic wear particles on their radical-generating ability
1421	Burgers	Travis	A Genetic Test to Predict Patient Response to rhBMP-2 for Lumbar Spinal Arthrodesis
1545	Cai	Yanli	Meniscal Scaffold Fabricated via an Improved E-jetting Printing System
1432	Carbone	Vincenzo	Prediction of functional outcome of lower limb salvage surgery using musculoskeletal modeling
1116	Caron	Marjolein	Differential Effects of Cyclooxygenase-1 and -2 specific NSAIDs on Chondrogenic Differentiation
1118	Caron	Marjolein	The differentiation stage determines the effect of Indomethacin on chondrogenic differentiation
1225	Carriero	Alessandra	Variations in lacuna and osteocyte morphology alter the cell mechanical environment
1233	Carriero	Alessandra	Altered intracortical canal architecture contributes to bone fragility
1418	Castagna	Viviana	Osteoblast-like cell attachment on Stoichiometric and Silicate Substituted Hydroxyapatite porous granules is regulated by a complex interaction between chemistry, strut porosity and Fn concentration
973	Chan	Ee-Yuee	Ambulation Following Total Knee Replacement
974	Chan	Ee-Yuee	Pain experience following hospital discharge for total knee replacement ㉔ ㉔ A comparison between two countries in the Asia-Pacific region
1590	Chan	Samantha CW	TWO DEGREE-OF-FREEDOM MECHANICAL LOADING BIOREACTOR FOR THE STUDY OF THE INTERVERTEBRAL DISC MECHANOBIOLOGY UNDER COMPLEX LOADING
858	Chano	Tokuhiro	RB1CC1 SUPPRESSES TYPE II COLLAGEN SYNTHESIS IN CHONDROCYTES, AND CAUSES DWARFISM
846	Charyeva	Olga	In Vivo Comparison of New Biodegradable Magnesium-Based Implants for Orthopedic Uses.
807	Chen	Chia-Chun	The role of synovial biomolecules at tribology of the articulation between artificial joint materials
813	Chen	Chia-Chun	Human Acellular Cartilage Matrix Powders as a Biological Scaffold for Cartilage Tissue Engineering
1099	Chen	Chih-Yu	Extracorporeal Shockwave Therapy Improves Short-Term Functional Outcomes of Shoulder Adhesive Capsulitis
1637	Chen	Chia Hsien	MMP13 as a Marker during Intervertebral Disk Degeneration
1040	Chiang	Chang-Jung	The influence of non-threaded length on the fixation properties of pedicle screw instrumentation
1189	Chiba	Daisuke	Long term results of the Rotational acetabular osteotomy - Over 10 year follow up -
1399	CHOU	PAUL PEI-HSI	The Effect of Late Inning Pitching on Elbow Joint Loading ㉔ in Taiwanese Baseball Players
1556	CHOUDRY	QAISAR	Revision Knee Arthroplasty For Femoral Component Malrotation: Clinical and Radiological Outcomes.
1611	CHOUDRY	QAISAR	Uncemented Posterior Stabilised Total Knee Arthroplasty: Prospective 5 Year Clinical and Radiological Review.
1028	Christou	Chris	The use of Fentanyl patches for sheep in orthopaedic research
700	Chua	Weiliang	Medium-term results of open tibia fractures requiring flap coverage
904	Chubinskaya	Susanna	Biologic Approaches to Post-Traumatic Osteoarthritis: Comparison of Three Treatment Schemas.
1490	Chung	Rebecca	Facet Joint Stiffness Response to Loading Frequencies
1319	Chung-Hwan	Chen	Protection by 17 β -estradiol against glucosamine-induced pancreatic β -cell dysfunction via calcium influx and endoplasmic reticulum stress
1534	Ciampi	Pietro	The treatment of massive rotator cuff tears with two different pathces
1660	Ciapetti	Gabriela	CONTROLLING THE PHENOTYPE OF MESENCHYMAL STROMAL CELLS IN VITRO BY ADHESION TO CHEMICALLY-ENGINEERED ECM-LIKE SURFACES
1051	Colangelo	Debora	Definition of a risk scoring system to predict onset of a first vertebral osteoporotic fracture in post-menopausal women: a cross-sectional analysis
1052	Colangelo	Debora	Posterior percutaneous screw-rod instrumentation is a safe and effective alternative approach to TLSO rigid bracing for single level pyogenic spondylodiscitis
1160	Coraca-Huber	Debora	Gentamicin delivery rates from fresh and deep frozen bone grafts mixed with calcium carbonate bone substitutes and its antimicrobial effects
1097	Costi	John	Does combined compression, flexion and axial rotation place degenerated discs at risk of posterolateral herniation? Measurement of 3D lumbar intervertebral disc internal strains during repetitive loading
1332	Costi	John	Assessment of the initial viscoelastic properties of a critical segmental long bone defect reconstructed with impaction bone grafting and intramedullary nailing
1628	Costi	Kerry	Cemented polished double taper stems in patients younger than 40 with pathologies other than primary osteoarthritis
1137	Crespo	Lara	Human bone-lineage cell responses to anisotropic Ti6Al4V surfaces are dependent on their maturation state
1286	Crisan	Dan	POSTOPERATIVE GAIT VARIABILITY IN PATIENTS WITH COMMUNUTED TIBIAL PLATEAU FRACTURES TREATED WITH LATERAL PLATING
1719	Crisan	Dan	GAIT PROGRESSIONS IN OPERATED SHATZKER VI TIBIAL PLATEAU FRACTURES
787	Cross	Michael	An Elevated Joint Line after TKA Leads to Increased Mid-flexion Laxity
817	Cross	Michael	Fretting and Corrosion Damage in Modular Total Hip Arthroplasty
1484	Curry	Emily Joan	Relationship of Internet or Social Media Usage and Patient Referral Patterns in Orthopaedic Surgery

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1664	Curry	Emily Joan	Female Athlete Triad Awareness Among Residents and Attendings Across Specialties
1023	Daichi	Ishimaru	Alteration of Chondroitin Sulfate Chain in Human Osteoarthritic Cartilage of the Knee
1165	Day	Rebecca	Aquaporins expressed in the Human Intervertebral Disc – A link to disc degeneration?
1167	De Villiers	Danielle	Use of Chromium Nitride Coating for the Reduction of Cobalt Release and Metallic Wear in Metal-on-Polyethylene Bearings
758	Dean	Benjamin	The risks and benefits of glucocorticoid treatment for tendinopathy: a systematic review
764	Dean	Benjamin	Novel neuronal changes in rotator cuff tendinopathy (RCT)
1006	Decambren	Adeline	Comparison of two scaffolds with different resorption containing autologous mesenchymal stem cells in bone critical-sized defect in sheep
1458	Della Valle	Cinzia	Gallium-based innovative surface treatments for orthopaedic applications
1504	DePalma	Michael	Effects of percutaneous sacroplasty of pain, analgesic utilization and patient satisfaction
1507	DePalma	Michael	What clinical parameters influence healing of sacral insufficiency fractures?
1191	Derbyshire	Brian	A new radiographic technique for precisely measuring wear of uncemented XLPE acetabular cups
699	Deschepper	Mickael	Pro-angiogenic and pro-survival Functions of Glucose in Human Mesenchymal Stem Cells Upon Transplantation
1277	DesJardins	John	Biomechanical Testing of Salter-Harris Fractures Fixation Techniques
928	Detiger	Suzanne E.L.	Slow BMP-2 release from a fibrin-hyaluronate hydrogel for intervertebral disc regeneration in a large animal model
930	Detiger	Suzanne E.L.	MRI T2* mapping to assess early degeneration of the intervertebral disc in a large animal model
822	Dhir	Rishi	THE UNDESCENDED SCAPULA SYNDROME: SPRENGEL AND THE CLEITHRUM A CASE SERIES AND HYPOTHESIS
1732	Dhir	Rishi	Management of acetabular labral tears and impingement lesions of the hip: a seven year experience in a District General Hospital
1212	Di Pompo	Gemma	In vitro evaluation of resorption activity of human osteoclasts on CaP-based cements
1218	Di Pompo	Gemma	Bioactive natural compounds for treating bone resorption diseases
808	Ding	Yue	RNA interference targeting p110 α reduces tumor necrosis factor-alpha production in cellular response to wear particles in vitro and osteolysis in vivo
809	Ding	Yue	The influence of osteoporosis on wear particles induced osteolysis in animal model
810	Ding	Yue	Lentivirus-mediated short hairpin RNA interference targeting TNF-alpha in macrophages inhibits particle-induced inflammation and osteolysis in vitro and in vivo
972	Ding	Ming	Improved microarchitecture of concentric gap mass and enhanced implant fixation in sheep with a synthetic cell-binding peptide bone substitute
1232	Donaldson	Finn	Fretting of THA modular connections is insensitive to the magnitude and direction of assembly forces
1007	Dong	Nick	Acetabular Placement Angles Determined By Pelvic Local Landmarks
1554	Dong	Nick	Gender Differences for Combined Acetabular And Femoral Anteversion Angles
1341	Doornberg	Job	Temporary Presence of Myofibroblasts in Human Elbow Capsule after Trauma
1558	Dowling	Robert	In Vivo Assessment of Porous Implants Functionalised with RGD Peptides in Enhancing Osseointegrated Amputation Prostheses
1200	Dozza	Barbara	Cultivation of mesenchymal stromal stem cells on demineralized bone matrix powder: influence of particle size and seeding density on cell colonization and metabolic activity
1407	Drynda	Andreas	Cobalt-chrome debris but not Ultra high Molecular Weight Polyethylene (UHMWPE) debris regulates CXCR4 expression in vivo and in vitro
1108	Du	Dajiang	Repair of Large Osteochondral Defect by Rib in a Rabbit Model: Technique of “One-rib for One-Knee”?
1668	Dudhia	Jay	Enhanced repair of naturally occurring tendinopathy by autologous mesenchymal stem cells implantation
1342	Dun	Shouchen	Biomechanical Comparison of Initial Stability of Three Humeral Components in Total Shoulder Arthroplasty
1151	Dunn	Sara	Cannabinoids and IL-1 β Signalling Pathways in Human Osteoarthritic Chondrocytes
900	Durham	Sam	Small-diameter ceramic-on-ceramic hip wear testing with adverse microseparation conditions
1412	Eder	Claudia	Influence of intradiscal mediation on intervertebral disc cells
1565	Eder	Claudia	Antibiotics reduce mesenchymal stem cell proliferation
814	Egloff	Christian	Effect of muscle weakness and joint inflammation on the onset and progression of osteoarthritis in the rabbit knee
1345	Eguchi	Akio	Mechanical Properties of Suspensory Fixation Devices for Anterior Cruciate Ligament Reconstruction: Comparison of the Fixed-length Loop Device versus the Adjustable-length Loop Device
703	Ehrhart	Nicole	Adipose-derived stromal cells seeded on demineralized bone matrix persist in critical sized bone defects and permit bridging union
1272	Ehrhart	Nicole	Efficacy of a Locally-Injected Amnion-Derived Tissue Product in a Murine Model of Implant-Associated Staphylococcus aureus Osteomyelitis
1074	Elliott	Winston	Relation of Load Distribution Between Radiocapitellar and Ulnotrochlear Joints with Radial Head Arthroplasty
1077	Elliott	Winston	Shifting of the Forearm Bones with Improper Sizing in Radial Head Arthroplasty
1082	Elliott	Winston	Importance of Implant Radius of Curvature in Radial Head Arthroplasty
1440	Elnikety	Sherif	The use of demineralised cortical bone for tendon and ligament repair
1446	Elnikety	Sherif	A new application of demineralised bone as tendon substitute; animal study

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763	Emanuel	Noam	Constant Controlled Release of Antibiotics Eradicating Local Infection/Contamination in Patients with Gustilo 3 Open Fractures. Results on 16 Patients
771	Emanuel	Noam	BonyPidTM: A lipid-and-polymer-based novel local drug delivery system Physicochemical aspects and therapy
753	Emohare	Osa	Advanced Age as a Factor in Acute Thoracic Spine Fractures.
754	Emohare	Osa	Geriatric Status as a Factor in Acute Lumbar Spine Fractures.
838	Emohare	Osa	Does Pedicle Dimension Correlate with the Accuracy of Insertion in the Thoracic and Lumbar Spine ?
839	Emohare	Osa	The Application of a Comorbidity Index in the Management of Acute Fractures in Late Ankylosing Spondylitis.
921	Emohare	Osa	An evaluation of the role of age on resource utilization and outcome in acute fractures of the cervical spine
922	Emohare	Osa	The role of advanced age on outcome and resource utilization in acute fractures of the thoracic and lumbar spine
1551	Emohare	Osa	Opportunistic Computed Tomography Screening Shows a High Incidence of Osteoporosis in Ankylosing Spondylitis Patients with Acute Vertebral Fractures.
1552	Emohare	Osa	Opportunistic Computed Tomography Screening for Osteoporosis in Acute Fractures of the Cervical Spine
1594	Emohare	Osa	Opportunistic Computed Tomography Screening for Osteoporosis in Acute Fractures of the Thoracic and Lumbar Spine
1072	Eraly	Koen	Achieving optimal custom-made glenoid implant position and fixation using patient-specific guides in cases of severe glenoid defects
894	Esteban	Jaime	IMPACT OF CULTURE MEDIA AND INCUBATION CONDITIONS IN THE STAPHYLOCOCCUS EPIDERMIDIS BIOFILM FORMATION ON UHMWPE
932	Esteban	Jaime	STAPHYLOCOCCAL BIOFILM FORMATION ON DIAMOND-LIKE-CARBON COATED UHMWPEs: A FIRST APPROACH
961	Esteban	Jaime	EFFECT OF N-ACETYLCISTEINE AND SUBINHIBITORY CONCENTRATION OF ERYTHROMYCIN IN COMBINATION WITH ANTIBIOTICS AGAINST STAPHYLOCOCCAL BIOFILMS. A PRELIMINARY STUDY
1618	Esteban	Jaime	A competitive assay for bacterial and cellular adherence to biomaterials: An in vitro approach to the "race for the surface" theory
1193	Falcinelli	Cristina	FE-BASED STRENGTH ESTIMATION FOR PROXIMAL FEMUR FRACTURE PREDICTION: A CASE-CONTROL STUDY
1376	Falcinelli	Cristina	FE-BASED BONE STRENGTH CAN CLASSIFY PROXIMAL FEMUR FRACTURES IN A CASE-CONTROL RETROSPECTIVE STUDY
1159	Farinella	Giovanna	INDIVIDUALISED FINITE ELEMENT MODEL PREDICTS FEMORAL FRACTURES MORE ACCURATELY THAN CURRENT CLINICAL INDICATORS
1394	Farraro	Kathryn F.	Biomechanical Evaluation of the Quadriceps Tendon for ACL Reconstruction? A Human Cadaveric Study
903	Farrell	Brian	The role of interfacet distance on facet arthrosis and degenerative disc disease, an evolutionary perspective
1290	Findlay	David M	Sclerostin Antagonises Anabolic Response to Mechanical Loading in Bovine Bone Ex Vivo
896	Fitzgerald	Lisa G	Development of a Synthetic Collateral Ligament Model for use in an In Vitro Kinematic Knee Simulator
1245	Flaxman	Teresa	Weight bearing knee joint stabilisation strategies differ between younger, older, and osteoarthritic populations
1057	Florea	Cristina	Alterations in the Properties of Rabbit Articular Cartilage and Underlying Bone at 4 Weeks After Anterior Cruciate Ligament Transection
1048	Fotia	Caterina	ACRIDINE ORANGE IS AN EFFECTIVE DRUG FOR THE TREATMENT OF MULTIDRUG-RESISTANT AND SENSITIVE HUMAN OSTEOSARCOMA
1604	Fotia	Caterina	Serum 8-hydroxydeoxyguanosine and circulating DNA assay in patients with metal-on-metal resurfacing implants
715	Frame	Mark	DIY 3D Printing of Custom Orthopaedic Implants - A Proof of Concept Study.
1401	Franklin	D	FORCE-TJR: TJR function and outcomes research for comparative effectiveness in US national cohort
1436	Franklin	D	Differences in functional gain between rheumatoid arthritis and osteoarthritis patients undergoing arthroplasty: Results from the FORCE-TJR national research consortium
1601	Franklin	D	Do younger TKR patients have similar disability at the time of surgery as older adults? Lessons from FORCE-TJR
1602	Franklin	D	Differences in pre-op characteristics between TKR and THR patients: results from FORCE-TJR a national us cohort
1260	Frayssinet	Patrick	In vivo loading of osteoconductive porous material with bone progenitors
898	Fu	Jun	Polyphenol-stabilised highly crosslinked UHMWPE as candidate materials for joint implants
1339	Fu	Yin Chih	Preparation of Porous Bioceramics Using Reverse Thermo-Responsive Hydrogels in Combination with rhBMP-2 Carriers
1547	Fucaï	Han	Surgically Decompressed Foot Compartment Syndrome Following Blunt Trauma : A Study of the Quality of Life and Predictors of Outcomes.
955	Fujii	Hiroshi	Preoperative simulation images of the femoral neck-cut plane can be used to improve the control of femoral stem anteversion during primary cementless total hip arthroplasty.
828	Fukui	Tomoaki	Superior Potency of CD34-Positive Cells for Healing of Nonunion Following Bone Fracture
866	Fumio	Sasazawa	Interruption of Ganglioside Synthesis Enhances Osteoarthritis Development in Mice

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712	Furumatsu	Takayuki	Cyclic tensile strain increases CCN2 expression by inducing Smad3 phosphorylation in human inner meniscus cells
694	FUSAKUL	YUPADEE	Low-level Laser Therapy with Wrist Splint in the Treatment of Carpal Tunnel Syndrome in Asian Patients: A Double-blinded Randomized Controlled Trial
1173	Gallo	Jiri	Can we determine the risk for periprosthetic osteolysis from cytokine expression-pattern of stimulated peripheral blood mononuclear cells (PBMC)?
1194	Gallo	Jiri	Low expression of TLR-1, -2, -4 and IL-2, -2R, -10, -10R in pseudosynovial tissues obtained from aseptically failed total hip and knee arthroplasty
868	Ganji	Yasaman	Variation of Aggregate Modulus with Channel Diameter in Channelized Porous Polyurethane Scaffolds Mimicking Cartilage Tissue
1626	Gantenbein-Ritter	Benjamin	In vitro Culture of Notochordal Cells - How to preserve their phenotype?
1472	Gao	Bo	Predict TKA Prosthesis Constraint Behavior using Computer Simulation
1475	Gao	Bo	Femorotibial Constraint Behavior of Two CR TKA Prostheses - Evaluation using Computer Simulations
1730	Gao	Bo	Effect of TKA Femoral Implant Design on Tibial Insert Contact Stress at High Flexion
1692	Gardner	Andrea	Unicondylar knee implant wear test without cruciate ligament resistance
1053	Garner	Philippa	Computer-Assisted Method for the Spatial 3D Mapping of Trabecular Disconnections in the Spine: a potential tool in the surgical prophylaxis of vertebral fractures?
1661	Garvican	Elaine	Viability of equine mesenchymal stem cells during transport and implantation
1427	Gauthier	Paul	EFFECT OF MUSCLE FORCES AND ACL RESECTION ON IN VITRO KNEE LOADING
1368	Gbejuade	Herbert	Towards improving the detection of biofilm associated infection by sonication of polymethylmethacrylate (PMMA) cement
1392	Gbejuade	Herbert	Antimicrobial activities of daptomycin, vancomycin and gentamicin loaded polymethylmethacrylate (PMMA) cement on staphylococcus epidermidis biofilm: an experimental model of a joint wound infection
1246	Geurts	Jeroen	INCREASED MACROPHAGE INFILTRATION AND TRAP ACTIVITY CHARACTERIZE SUBCHONDRAL BONE SCLEROSIS IN KNEE OSTEOARTHRITIS
1268	Ghani	Yaser	The Effect of Current Density and Time on Electrochemical Deposition of Hydroxyapatite on Titanium Implant
1567	Giesinger	Karlmeinrad	The Forgotten Joint Score: Item bank development for computer-adaptive assessment of joint awareness in patients after hip, knee and shoulder surgery.
1452	Gigante	Antonio	PLATELET RICH FIBRIN MATRIX EFFECTS ON SKELETAL MUSCLE LESIONS: AN EXPERIMENTAL STUDY
1231	Gill	Richie	Increased weight leads to contact changes indicative of knee osteoarthritis: A subject-specific finite element study
1715	Gindraux	Florelle	Osteodifferentiation of intact human amniotic membrane through a jet sprayed polycaprolactone nanofiber scaffold
1076	Gitlin	Adam	Treatment of Cartilage Defects With a Novel RUNX-1 Inducing Molecule to Induce Chondrogenesis
1220	Gitlin	Adam	Novel Strategies to Enhance the Quality of Microfracture Surgery: Use of SDF-1 and Sphingosine Scaffolds in Isolated Cartilaginous Defects
1047	Goel	Satish	Mesenchymal stem cells and their role in bridging of bone gaps- an experimental study in rabbits
1050	Goel	Satish	Stem cells in fracture gap non union
1055	Goel	Satish	Enhancement of fracture healing by amino acids lysine and arginine- An experimental study in rabbits
1060	Goel	Satish	Direct injection of mesenchymal stem cells in treatment of osteoarthritis- An experimental study in rabbits
1063	Goel	Satish	Role of L-arginine in treatment of Osteoporosis
1100	Goodman	Stuart B	Biological strategies for treatment of wear particle-induced periprosthetic osteolysis
1738	Govil	Amit	Osteoinductivity and Osteogenicity of Leading Allograft Bone Products
1453	Grosse	Susann	Comparison of wear particle exposure and tissue reactions in patients with cemented and uncemented titanium hip prostheses that failed due to osteolysis
1411	Grossner	Tobias	18F-Labeling - a novel method to quantify the osteogenic differentiation potential of human mesenchymal stem cells induced into the osteogenic lineage cultured on collagen I/III scaffolds
734	Grupp	Thomas M	Evaluation of carbon-fiber-reinforced PEEK as material for intervertebral disc replacement
735	Grupp	Thomas M	Dynamic compression-shear loading of unicompartamental knee arthroplasty in human tibiae - influence of the applied cementing technique on the interface stability
709	Gueorguiev	Boyko	Interfragmentary compression of different tibia plateau split fracture fixation techniques. An experimental study
840	Gun-Il	Im	Synergistic effect of adipose stem cells and bone marrow stem cell to promote osteogenic differentiation and angiogenesis
1022	GUO	Baosheng	Therapeutic inhibition of miR-214 within osteogenic cells in aged osteoporotic rats induced by ovariectomy for bone anabolic strategy: Optimization of dosage and duration
1672	Gupta	Saurabh	STUDY OF CEMENTED HEMIARTHROPLASTY AS A PRIMARY METHOD OF TREATMENT IN INTERTROCHANTERIC FRACTURES IN THE ELDERLY
1596	Gwyn	Rhodri	MARS MRI SCANNING FOR METAL ON METAL HIP ARTHROPLASTY.
1598	Gwyn	Rhodri	EFFECT OF IMPLANT MODULARITY ON METAL ION LEVELS IN PATIENTS WITH THE BIRMINGHAM HIP BEARING.
1648	Gwyn	Rhodri	Defining the role of ADAMTS4 splice variant.
1199	Hakimi	Osnat	Evaluation of Polydioxanone Scaffolds of Varying Architecture for Tendon Repair
980	HAMAI	SATOSHI	POST-CAM MECHANISM FUNCTIONS DURING KNEELING BUT DOES NOT FUNCTION DURING STAIR-CLIMBING IN A POSTERIOR-STABILIZED TOTAL KNEE ARTHROPLASTY
1280	Hamilton	Matthew	How Does Reverse Shoulder Design Affect Rotator Muscle Moment Arms?

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1437	Hamilton	Matthew	The Effect of Muscle Wrapping on Modeling of Reverse Shoulders
1559	Hamilton	David	Do modern total knee replacements offer better value for money? A health economic analysis
1561	Hamilton	David	Measuring satisfaction with industry metrics: A prospective cohort study of 6912 arthroplasty patients
793	Hanada	Mitsuru	Evaluation of effect of Tranilast on the spinal cord injury in rat
811	Harada	Noriko	Novel application of mesenchymal stem cell-derived chondrocytes (MSC-DCs) for bone regeneration.
1087	Hargrave-Thomas	Emily	Microstructural, Mechanical, and Mineral Changes in the Pre-Osteoarthritic and Early Osteoarthritic Joints
1126	Harris	Kristina	USING THE OXFORD KNEE SCORE TO MONITOR THE PROGRESSION OF KNEE OSTEOARTHRITIS: A VALIDATION STUDY
1140	Harris	Kristina	MINIMAL IMPORTANT CHANGE OR DIFFERENCE FOR THE OXFORD HIP AND KNEE SCORES FOLLOWING JOINT REPLACEMENT SURGERY
836	Harrison	Claire	RESEARCH SYNTHESIS OF RECOMMENDED ACETABULAR CUP ORIENTATIONS FOR TOTAL HIP ARTHROPLASTY
744	Hart	Radek	Radiological and clinical results after platelet-rich plasma treatment in mild tibiofemoral osteoarthritis
745	Hart	Radek	Mesenchymal Stem Cells in Bone Marrow Concentrate Added to Allografts in Posterolateral Lumbar Fusion
1422	Hassan	Mohamed Saleh Moustafa	Use of Cemented Calcar Replacement Total Hip Arthroplasty in the Treatment of old trochanteric Fractures with Bone Loss
1096	Haynes	David	Semaphorin-3a and neuropilin-1 expression at sites of peri-implant bone loss.
999	He	Bing	Potential strategy regulating miRNAs to improve impaired fracture healing in aged females: A systematic view for timing and targets
1127	Hettwer	Werner	3D computer navigation for minimally invasive bone tumor biopsy and resection
1529	Heuberer	Philipp Richard	Demineralized Bone Matrix Augmented Tendon→Bone Healing
1530	Heuberer	Philipp Richard	Biologic Response to Orthopaedic Suture Wear-Debris: A Histological Study in a Murine Airpouch Model
929	Heuberger	Roman	Development of synthetic synovia for tribological testing
912	Hidehiro	Nakamura	Cytotoxic effects of corticosteroids, lidocaine and hyaluronic acid on fibroblasts derived from torn human rotator cuff tendon
1027	Hidenori	Tanikawa	Improvement of postural balance after total knee arthroplasty in early postoperative period
879	Hildebrand	Kevin Arnold	Ketotifen Inhibits Fibroblast Contractile Responses in the Presence of Mast Cells
1261	Hilz	Florian Michael	Electromagnetic stimulation modulates intracellular calcium levels in SAOS-2 cells as a first step in the signaling cascade
695	Hirao	Makoto	Use of pre-designed patient-specific guide for total ankle arthroplasty in cases of rheumatoid arthritis
1157	Hiromu	Ito	CCL chemokines are upregulated in articular cartilage defects and stimulate the migration of bone marrow cells
1734	Hisashi	Sugaya	Fate of bone marrow mesenchymal stem cells 24 weeks after autologous transplantation into a rabbit osteonecrosis model
1743	Hisashi	Sugaya	One-year results of percutaneous concentrated autologous bone marrow aspirate transplantation (CABMAT) in fifteen cases of non-union of lower limbs
1008	Hjorth	Mette Holm	Good fixation of large-head metal-metal hip arthroplasty and no correlation to metal ion levels. A 5 year RSA study
1512	Hogan	MaCalus Vinson	Successful Achilles Tendon Regeneration Using a Bioresorbable Nanofiber Scaffold, Stem Cells, and Growth Factor in a Rat Tendon Gap Defect Model
1146	Hohl	Nicolas	Evaluation of a new computer assisted guidance system
1198	Holsgrove	Timothy	An In-Vitro Investigation of Shear Strength of Cement on Cement Mantles
997	Holzer	Lukas	Expression of VEGF, its receptors and HIF-1α in Dupuytren's disease
849	Horie	Ryosuke	mTOR inhibitor Rapamycin induced-autophagy in MG63 cells
1062	Hsieh	Chi-Fen	Potential application of programmed mesenchymal stem cells for tendon healing: an in vivo study using Rattus norvegicus as an experimental model
1102	Hsu	Yuan-Ming	hTERT-gene transfected mesenchymal stem cells combined with in-situ gelation hydrogel for cartilage regeneration in a porcine model
1333	Huang	Pengju	(-)-epigallocatechin-3-gallate (EGCG) improves fracture healing
1670	Huang	Jie	Surface Patterning of nanoSilicon Substituted Hydroxyapatite for Medical Implants
1460	Huber	Gerd	FATIGUE LOADING OF THE LUMBAR SPINE
1075	Ikemura	Satoshi	Candidate-based proteomics in the search for biomarkers of steroid-induced osteonecrosis in rabbits.
1510	Ikemura	Satoshi	The role of vasospasm in the development of steroid-induced osteonecrosis in rabbits
733	Imai	Kan	Biomechanical and Histologic Effects of Augmented Soft Tissue Mobilization Therapy on Achilles Tendinopathy in a Rabbit Model
1049	Inoue	Nozomu	In Vivo Measurement of 3D Pedicle Geometry in Whole-spine
1400	Inzana	Jason	Characterization of 3D Printed Collagen-Calcium Phosphate Composites for Bone Defect Repair
717	ISHII	TAKAHIRO	Clinical results after switching to minodronic acid hydrate in patients with osteoporosis responding poorly to treatment
1103	Ishikawa	Masahiro	MCP-1 in the periosteum and the endosteum at the early inflammatory phase is an essential component for successful fracture healing
1423	Ivicsics	Miklós	Load Increase on Facet Joints after Nucleotomy in the Human Lumbar Spine
952	Iwamoto	Keiji	In Vivo Kinematics of the PFC Sigma Rotating Platform Cruciate Retaining Total Knee Arthroplasty
954	Iwamoto	Keiji	Comparison of In Vivo Kinematics of Total Knee Arthroplasty between cruciate retaining and condylar stabilized insert

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934	Iwashita	Kosui	Conduction of Whole Body Vibration ☐ -Effect of Vibration Frequency-
985	Jämsen	Eemeli	Characterization of macrophage polarizing cytokines in the aseptic loosening of total hip replacements
1349	Jauch	Sabrina Yvonne	Influence of Design and Material Coupling on Micromotions at the Stem-Neck Interface of Bimodular Hip Prostheses
1355	Jauch	Sabrina Yvonne	The Assembly Load Influences the Fretting Behaviour at Taper Interfaces of Modular Hip Prostheses: an In vitro Study
697	Jean	Yen-Hsuan	Intra-articular injection of the selective cyclooxygenase-2 inhibitor meloxicam (Mobic) reduces experimental osteoarthritis and nociception in rats
1663	Jensen	Steffan Tábori	Low Dislocation Rate of Saturne® Dual-Mobility THA after Medial Femoral Neck Fracture.☐ A Retrospective Study of 414 hips with a minimum 1 year follow-up.
1311	Jones	Eleanor Rachel	Mechanical regulation of Integrins in Human Tenocytes in Collagen and Fibrin matrices
996	Jung	Hojoong	Locus of Femoral Tunnels for Anterior Cruciate Ligament Reconstruction in Passive Range of Motion of the Knee
1431	Kalia	Priya	Could different shapes of nanosized hydroxyapatite have a role in modulating bone formation?
1188	Kamimura	Masayuki	Deteriorated fracture healing in DAP12-deficient mice
1350	Kanako	Shiba	Osteo-integration for Pediatric Spinal Surgery in Miniature Pig Model
882	Kanazawa	Tomoko	Rho small GTPases regulate COL2A1 expression associated with mechanical stretch in inner meniscus cells.
936	Kanazawa	Tomonoshin	Effect of corticosteroid on tendon-bone healing after acute rotator cuff tear in rat
966	Kanazawa	Tomonoshin	3D-ultrastructural analysis at repaired supraspinatus tendon/bone insertion in rat
976	Kanezaki	Shiho	MRI findings of the labrum in the hip with osteoarthritis: Correlation with macroscopic and histological findings
1482	Kang	YoungMi	DOWNREGULATION OF MATRIX METALLOPROTEINASES BY ADENOVIRUS-RELAXIN IN THE DUPUYTREN MYOFIBROBLASTS
1495	Kang	YoungMi	Expression of proteoglycan in the intervertebral disc cells under the oxygen condition
1514	Kang	Xiumei	Estimating hip joint angles during weightbearing by combining low resolution Open MRI images with high resolution conventional MRI images
1737	Kang	YoungMi	Expression of sclerostin and role of Non-canonical (PKC) signaling in the intervertebral disc cells
1262	KARUNATHILAKA	LOKU KANKANAMGE DON CHANDANA RATHNA	Impact of Biological and Structural factors to the mid-term outcome and quality of life in fracture neck of femur patients. - A Sri Lankan Study with compare to a cohort in England.
765	Katorkin	Sergey	Clinical and functional diagnostics arthrogenic Congestive syndrome in patients with combined lesions of the musculoskeletal and venous systems
786	Kenta	Kamo	Quantitation of the duration of different approaches to hip hemi-arthroplasty: A prospective observational cohort study
1084	Kerens	Bart	Patient specific guiding for revision of medial unicompartmental to total knee arthroplasty.☐ Beneficial first results of a new operating technique performed on 10 patients.
1085	Kerens	Bart	Revision from unicompartmental to total knee arthroplasty; clinical outcome depends on reason for revision.
1086	Kerens	Bart	Patient specific guiding in Oxford unicompartmental knee arthroplasty.☐ Our first experience in 20 knees compared with 20 conventional knees.
1638	Khaleghi Panah	Mahshdid	Comparing the kinetic and kinematic parameters of gait in Anterior Cruciate Ligament Deficiency (ACLD) patients and controls- A Review Article
1568	Kim	Hyunju	Inhibitory effects of obovatol on osteoclast differentiation and bone resorption
1736	Kim	Shin-Yoon	Endothelial nitric oxide synthase gene polymorphisms and the risk of osteonecrosis of the femoral head in systemic lupus erythematosus
1324	Kinbrum	Amy	Mathematical Calculations to Quantify Pull-off Strength Relationship to Push-on Strength
1171	Kishimoto	Koshi	Fixation of rat tail vertebrae causes muscle fiber type transition in paraspinal muscle
875	Kitaoka	Kenichi	A preliminary report about the evidence based exercise therapy aided by robot
1461	Kiyomi	Takayanagi	Acute anterior cruciate ligament tear is healed naturally under control of the abnormal joint movement?
1481	Knothe Tate	Melissa Louise	Coupled Finite Element - Analytical Model to Predict Defect Infilling by Osteochondral Progenitor Cells
1486	Knothe Tate	Melissa Louise	Arthritic Periosteal Tissue from Joint Replacement Surgery as☐ an Autologous Source of Stem Cells
1489	Knothe Tate	Melissa Louise	Deciphering the Smart Mechanical Properties of Periosteum, Bone's Bounding Envelope
1497	Knothe Tate	Melissa Louise	Guiding Fate with Next Generation Stem Cell Mechanics Studies
1619	Knothe Tate	Melissa Louise	Structural Specifications for Translational Use and Engineering of Human Periosteum
1448	KOHLI	NUPUR	A comparison of culture expanded mesenchymal stem cells versus minimally manipulated bone marrow cells for their growth and chondrogenic differentiation in clinically relevant cell scaffolds with potential for cartilage repair.
1289	Koks	Sulev	Transcriptome analysis of osteosarcoma identifies Wnt signal suppression and adiponectin as potential biomarker
1247	Kosmopoulos	Victor	Comparing stress distributions between a single large fragment and two small fragment locking plates for fixation of humeral shaft fractures
1613	Krasilnikov	Alexander	The advantages of Collost using in treatment benign bone tumors.

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1337	Krueger	Alexander Peter	Ceramic Femoral Component Fracture in Total Knee Arthroplasty : ㉔ An analysis using fractography, fourier-transform infrared microscopy, contact radiography and histology
1234	Kueny	Rebecca	Fixation Advantages of C1 Pedicle Screws over Lateral Mass Screws
1518	Kullaa	Arja	BONE COMPOSITION OF NORMAL AND IRRADIATED HUMAN MANDIBLE DETERMINED BY FOURIER-TRANSFORM INFRARED SPECTROSCOPIC IMAGING. ㉔ Preliminary study
1425	Kumar	Anup	Correlations of Cytocompatibility with Surface Energies and Tribological Performance of APTES Modified Multiwalled Carbon Nanotubes Reinforced UHMWPE /Al2O3 Nano-biocomposites
1522	Kumar	Gunasekaran	Outcomes of Uncemented Total Hip Replacements for displaced femoral neck fractures in the elderly.
1580	Kumar	Naresh	BLOOD LOSS IN SPINE TUMOUR SURGERY - A META-ANALYSIS
1582	Kumar	Naresh	MINIMAL INVASIVE SURGERY (MIS) FIXATION FOR MANAGEMENT OF METASTATIC SPINAL DISORDERS (MSD): OUR EXPERIENCE
1587	Kumar	Naresh	CAN INTRA-OPERATIVE CELL SALVAGE (IOCS) BE USED IN METASTATIC SPINE TUMOUR SURGERY? A SYSTEMATIC REVIEW
1588	Kumar	Naresh	A NOVEL METHOD OF REMOVING MALIGNANT CELLS FROM BLOOD SALVAGED DURING METASTATIC SPINE TUMOUR SURGERY USING A LEUCOCYTE DEPLETION FILTER
1592	Kumar	Naresh	NEUROLOGICAL COMPROMISE IN NASOPHARYNGEAL CARCINOMA WITH SPINAL METASTASIS
1640	Kumar	Naresh	THE ROLE OF PREOPERATIVE VASCULAR EMBOLIZATION IN SURGERY FOR SPINAL METASTASES
1641	Kumar	Naresh	COMPARISON OF NEUROLOGICAL IMPROVEMENTS IN ACUTE TRAUMATIC CENTRAL CORD SYNDROME FOLLOWING SURGICAL AND NON-SURGICAL INTERVENTIONS
1190	Kuntz	Lara	Influence of the Culture Model on Transcription Factors RUNX2 and Osterix as well as on Osteogenic Differentiation of Primary Human Osteoblasts
1275	Kuo	Alfred	Endochondral bone formation with induced hypertrophic cartilage
731	Kuroda	Yutaka	New techniques using ultra-high molecular weight polyethylene tapes for the situation of bone repair in total hip arthroplasty.
1004	Kuwahara	Yoshiyuki	Wnt10b Expression And Fatty Degeneration In Supraspinatus Muscle Of The Rabbit After Surgical Repair.
1650	Kwan	Karen Hoi Lam	Silver nanoparticles modulates collagen synthesis resulting in better therapeutic outcome in Achilles tendon healing
1278	Lai	Yuxiao	An innovative magnesium associated PLGA/TCP porous scaffold for bone regeneration
1307	Lai	Janice	Stem cells catalyze cartilage formation by neonatal articular chondrocytes
1555	Lancaster	Sarah	24,25-dihydroxyvitamin D3 is a bone fide vitamin D receptor agonist supporting human osteoblast maturation
1445	Landgren	Marcus	Four-years follow-up of patients treated with radius osteotomy and a biphasic absorbable bone substitute
1691	Larsson	Karin	Morphological analysis of spinal nerve tissue in rats following application of notochordal cells and chondrocyte-like cells
1012	LAURENT	Romain	Osteogenic potential and immunogenicity of human amniotic membrane : in vitro and in vivo studies
1313	Lawless	Isaac	An improved six degree of freedom velocity-based force control method for dynamic flexibility testing in robotic biomechanics.
913	Lawrence	Helen	Can cobalt from metal-on-metal joints activate human TLR4 and cause an inflammatory response?
1410	Le Maitre	Christine Lyn	Targeting differential signalling pathways between catabolic and anabolic factors for novel treatments for Low Back Pain.
831	Lee	Jong-Min	Overexpression of PTHrP-related miRNA in Human Bone Marrow Derived Stem Cells Enhances Chondrogenesis and Inhibits Hypertrophy
841	Lee	Jong-Min	PD98059-impregnated functional PLGA scaffold for direct tissue engineering promotes chondrogenesis and prevents hypertrophy from mesenchymal stem cells
861	Lee	Sang Yang	Effect of low-intensity pulsed ultrasound on osteogenic differentiation of osteoprogenitor cells derived from mouse iPS cells
1045	Lee	Seunghwan	Injectable Lubricant for Prosthetic Articular Joints
1092	Lee	Jaeyoung	Transplantation of a scaffold free cartilage tissue equivalent to physeal cartilage injury of the proximal tibia in rabbit
1653	Lehner	Stefan	Anterior cruciate ligament strain in hyperflexion
1180	Lemma	Silvia	Identification and validation of housekeeping genes for gene expression analysis of cancer stem cell from human sarcomas
708	Lerf	Reto	Hip simulator studies of highly cross-linked, vitamin E stabilised UHMWPE under severe conditions
720	Lerf	Reto	Grafting of vitamin E in highly cross-linked UHMWPE
816	Li	Rachel W.	MicroRNA Profiling in Wear Particle Associated Osteolysis
1493	Li	Xinning	MicroCT Evaluation of Trabecular Bone Architecture and Characteristics in the Different Regions of the Glenoid
1494	Li	Xinning	Evaluation of Hip Internal and External Rotation Range of Motion as an Injury Risk Factor for Hip, Abdominal and Groin Injuries in Professional Baseball
1498	Li	Xinning	In-patient trends and complications after total ankle arthroplasty in the United States
1502	Li	Xinning	In-Patient Trends and Complications after Total Elbow Arthroplasty in the United States
1505	Li	Xinning	Does the use of an Inferiorly Offset Glenosphere in Reverse Shoulder Arthroplasty reduce Scapular Notching? A Radiographic and Functional Outcome Analysis
1158	Liang	Qin	Mesenchymal stem cells promote vasculogenic mimicry in prostate cancer through SDF-1/CXCR4 axis and PI3K/Akt pathway

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1649	Lim	Dohyung	Alteration Patterns of Contact Pressure and Microstrain from Extension to Deep Flexion in Newly Designed Total Knee Arthroplasty (TKA)
1658	Lim	Dohyung	Evaluation of Gait Motion Trajectories of Newly Developed Moving System with Gait Rehabilitation Function
1197	Liskova	Jana	Osteogenic cell differentiation on H- and O-terminated nanocrystalline diamond films
963	Logeart	Delphine	pH in the engineered microenvironment : a critical factor for optimal osteogenesis mediated by human mesenchymal stem cell
964	Logeart	Delphine	Osteoinductive coatings of titanium implants with shelf-life stability and sterilization resistance
1113	Lohberger	Birgit	Establishment and detailed characterization of the novel human myxofibrosarcoma cell line MUG-Myx1
1202	Lopa	Silvia	Mesenchymal stem cells from knee infrapatellar and subcutaneous adipose tissue are characterized by a differential commitment into chondrogenic and osteogenic lineage
1622	Loppini	Mattia	The FIFA 11+ program is effective in preventing injuries in elite male basketballers:A cluster randomised controlled trial
1624	Loppini	Mattia	THE SAFE ZONE FOR AVOIDING SUPRASCAPULAR NERVE INJURY IN BONE BLOCK PROCEDURES: A CADAVERIC STUDY
1322	Lovric	Vedran	Effects of Preservation Techniques on the In Vivo Response of Supercritical Fluid Treated Allograft Bone in the Treatment of Osseous Defects
950	Low	Siew Leng	A retrospective analysis of the predictive value of FRAX in a sample of elderly subjects in Singapore
1676	Lowry	Conor	Flare Index and the ability to restore Femoral Head Centre. A Comparison of Two THR Implant Geometries
1679	Lowry	Conor	The profile of the cut tibia. Is resection depth, proportionately larger for smaller tibias, responsible for change in profile?
1121	Lozano	Daniel	PARATHYROID HORMONE-RELATED PROTEIN (107-111) IMPROVES THE BONE REGENERATION POTENTIAL OF BIOPOLYMER-COATED NANOCRYSTALLINE HYDROXYAPATITE
958	Lu	Yongtao	Effect of the clinical CT image resolution on the finite element model of human cancellous bone
1356	Lu	Hongbin	Three-dimensional visualization of rat spinal cord microvasculature: comparison of synchrotron radiation and conventional X-ray microcomputed tomography
1364	Lu	Hongbin	Three-dimensional reconstruction of rabbit bone-tendon junction chondrocyte using in-line x-ray phase contrast imaging
1375	Lu	Tung-Wu	Biomechanical Changes of the Lower Limb Joints in Patients with Anterior Cruciate Ligament Deficiency During Obstacle-Crossing
1379	Lu	Tung-Wu	Significant Reduction of Abnormal Forces and Impulses of the Lesser Toes in Patients after Chevron Osteotomy for Hallux Valgus
1381	Lu	Tung-Wu	Effects of Mobile-Bearing Knees on Anterio-Posterior Dynamic Stability During Sit-to-Stand
1382	Lu	Tung-Wu	Effects of Projection Errors on Ankle Morphological Measurements Using CT-Based Simulated Radiographs
1414	Lu	Tung-Wu	Changes of support moments in patients with bilateral medial knee osteoarthritis
1647	Lykke Hermansen	Lars	Incorporation of Raloxifene-impregnated Allograft around Orthopaedic Titanium Implants
899	Madeh Khaksar	Forough	EFFECT OF ABDOMINAL MUSCLES ELONGATION DURING PREGNANCY ON L4-L5 SPINAL LOAD USING A FINITE ELEMENT MODEL
1633	Mahmoud	Samer SS	THE BIOLOGICAL EFFECTS OF METAL-ON-METAL HIP IMPLANTS ON OSSEOUS TISSUE AND BONE CELL BIOLOGY
944	Majima	Tokifumi	Postoperative knee kinematics of TKA affect knee range of motion and clinical results
1303	Makoto	Fukuta	Application of iPS cells for sarcoma research: investigation for the cell-of-origin of synovial sarcoma
1292	Malhotra	Angad	Platelet rich plasma induces new bone formation in older age sheep with a dose dependant response
1659	Mallee	Wouter Harm	Lack of knowledge in anatomy and inconsistent clinical evaluation of the wrist in scaphoid injury
860	MANABE	HIROAKI	Possible involvement of platelet-derived microparticles in pre-donated autologous blood on occurrences of venous thromboembolism and pulmonary thromboembolism after total joint arthroplasty in lower extremity
965	Manassero	Mathieu	FATE OF HUMAN MESENCHYMAL STEM CELLS IN ORTHOTOPIC AND ECTOPIC SITES IN MICE FOR BONE TISSUE-ENGINEERING
1195	Mancuso	Elena	Novel bioactive glasses development and biological characterisation for orthopaedic and maxillofacial applications
1704	Mandhari	Ahmed	Long Thoracic Nerve Decompression at the Axillary Region: Preliminary Outcome Assessment
1291	Manivasagam	Geetha	An overview on Mechanical, chemical and biocompatibility behavior of nanoceramic coated Cp Ti and Ti-13Nb-13 Zr alloy
1031	Mankar	Shruti	Nano-enabled Smart dressing for wound care
1149	Marin	Elia	INNOVATIVE DIFFUSIVE/PVD COATING TREATMENTS FOR IMPROVED IN VIVO LIFE-TIME OF MODULAR ORTHOPAEDIC IMPLANTS
1329	Marmotti	Antonio	Minced umbilical cord fragments: an effective cell source for cartilage and bone tissue engineering?
1347	Marmotti	Antonio	Cartilage fragments for one-step cartilage repair: still a valid cell source in hypoxic condition as a model of joint microenvironment?
1367	Marmotti	Antonio	Bone marrow cell mobilization by Granulocyte-Colony-Stimulating-Factor may enhance osseointegration? A prospective phase II clinical trial
1441	Marolt	Darja	BONE TISSUE SUBSTITUTES ENGINEERED FROM HUMAN PLURIPOTENT STEM CELLS

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956	Marriott	Timothy Edward Christopher	Examination of Failure Mechanisms of Burst Ceramic Liners with an Apical Engagement Feature
992	Masato	Aratake	The influence of flexion-extension gap and thickness of polyethylene insert on knee extension range of motion after total knee arthroplasty
1521	Massa	Annamaria	The dual role of hypoxia on adipose derived stem cells (ASCs)
1153	Matsubara	Takao	Hypoxia marker CA IX and VEGF expressed by Extracellular Low pH independently of hypoxia on Human Osteosarcoma Cells
995	Matsumoto	Kazu	Transdermal Fentanyl Patch Improves Postoperative Pain Relief And Promotes Early Functional Recovery in Patients Undergoing Primary Total Knee Arthroplasty
1093	Matsumoto	Yoshihisa	Application of iPS cells for rare and intractable diseases involving mesenchymal tissues
1128	McCarthy	Ian	FUNCTIONAL GAIT ASSESSMENT AFTER TOTAL KNEE REPLACEMENT USING INERTIAL MEASUREMENT UNITS.
1450	McCarthy	Helen E.	The properties of equine chondroprogenitor cells from articular cartilage after extended in vitro expansion
1244	McIff	Terence	Development of a Porcine Model of Transcutaneous Osseointegration for Weight-bearing Prosthetic Attachment
1117	Mechlenburg	Inger	Does reduced movement restrictions and use of assistive devices affect rehabilitation outcome after total hip replacement? A non-randomized, controlled study in 365 patients with six week follow up.
1258	Mechlenburg	Inger	Comparison of Two Humeral Head Resurfacing Implants. 2 year Results of a Randomized Controlled Clinical Trial
937	Medvedeva	Olga	The role of magnetic resonance tomography in the assessment of the risk factors and consequences in cases of the labral tear in the coxofemoral joint
939	Medvedeva	Olga	The role of MRI in diagnostics, outcome prognosis and defining the therapeutic tactics for cases of aseptic necrosis of the femoral head
940	Medvedeva	Olga	Detecting symptoms that affect the coxofemoral osteoarthritis development rate using the results of MRI-scan.
1119	Meijer	Marrigje Floor	Inter- and intraobserver reliability of a new low-dose stereography system for follow-up after revision total knee arthroplasty
1122	Meijer	Marrigje Floor	The influence of computer-assisted total knee arthroplasty on postoperative rotational component orientation: a qualitative and systematic review
1330	Meijer	Diederik	Quantification of Posterior Malleolar Fractures
1403	Mellema	Jos Jasper	Biomechanical Studies in Orthopaedic Surgery: Science (f)or Common Sense?
1265	Melli	Virginia	In vitro corrosion test of TiNbN coatings for joint replacement components.
1267	Melli	Virginia	CoCrMo implant alloy processed via Metal Injection Molding. Electrochemical and in vitro characterization.
1428	MEYER	Christophe	Innovative approach for gait pattern description in hip osteoarthritic patients
1003	MINODA	MASAYA	Survivin Inhibition Induces Mitochondrial Apoptosis in Human MFH Cells
1466	Mirza	Ather	An Extra-articular Alternative to Treat Isolated Lunotriquetral Ligament Injuries
1471	Mirza	Ather	Multipplanar Fixation System for the Treatment of Complex Intra-articular Distal Radius Fractures - A Simple Solution for a Common Problem
1473	Mirza	Ather	Anatomical Study as a Basis for Endoscopic Cubital Tunnel Release
1089	Miura	Kazuto	Posterior Lumbar Interbody Fusion with a Cortical Bone Trajectory Decreases the Muscle Injury -A Comparison with the Traditional Procedure
1091	Miura	Kazuto	Comparison of the paraspinal muscle injury among three different PLIF techniques for pedicle screws
1094	Miyakawa	Tsuyoshi	Excitatory effect of transient receptor potential ankyrin 1 in spinal cord dorsal horn revealed by in vivo patch-clamp analysis.
1309	Miyazaki	Tatsuhiko	Development of tumor specific caffeine-potiated chemotherapy by a novel DDS with Span80 nano-vesicles
790	Moed	Berton Roy	CT-Generated versus Conventional Plain Radiographs for Acetabular Fracture Evaluation in an Obese Patient Population
791	Moed	Berton Roy	CT-Generated versus Conventional Plain Radiographs for the Diagnosis of Pelvic Ring Injury
856	Moed	Berton Roy	Ligamentous Contribution to Pelvic Stability in a Rotationally Unstable Open Book Injury
857	Moed	Berton Roy	Does Modified Footwear Improve Gait After Ankle Arthrodesis?
953	Mohaddes	Maziar	Similar risk of early rerevision between trabecular metal and porous titanium cups. Analysis of 1504 first-time revisions in the Swedish Hip Arthroplasty Register
959	Mohaddes	Maziar	High proximal migration and poor host bone contact precedes loosening of revision cups. 90 Cemented and Uncemented Revision Cups followed with RSA for 13 years.
1476	Monto	Raymond Rocco	Platelet-Rich Plasma is More Effective Than Cortisone for Severe Chronic Greater Trochanteric Bursitis
1535	Moon	Sang Ho	EFFECT OF ULTRASOUND-GUIDED LUMBAR MEDIAL BRANCH BLOCK IN CHRONIC LOW BACK PAIN
782	Moore	Willard Anson	Axial and Rotational Mal-Reduction (Golf Club Deformity) in Distal Femur Fractures
1454	Morapudi	Syam Prasad Krishna	PROPHYLACTIC ANTIBIOTICS FOR DENTAL PROCEDURES IN PATIENTS WITH PROSTHESES: IS THERE A NEED? - A SURVEY OF 163 SURGEONS
1469	Morapudi	Syam Prasad Krishna	HOW THE OXFORD HIP SCORES (OHS) DIFFER IF SCORED AT 3 WEEK INTERVAL? - CAN WE DECIDE ON INTERVENTION BASED ON THE OHS
1723	Morapudi	Syam Prasad Krishna	Serum Metal ion levels in Bilateral and Unilateral Metal on Metal (MoM) Stemmed Hip Arthroplasty - Is there a significant difference?
1714	Moretti	Vincent	Distribution and Growth of Orthopaedic Residency Positions in the United States
1717	Moretti	Vincent	Using the Circle Theorem to Estimate Acetabular Version From a Single Antero-posterior Hip Radiograph

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1726	Moretti	Vincent	National Utilization Trends and Perioperative Outcomes for Total Hip Arthroplasty versus Hemiarthroplasty for Femoral Neck Fractures
1728	Moretti	Vincent	Patient Characteristics Affect Anatomic Location of the Femoral Artery About the Hip
1729	Moretti	Vincent	National Trends and Patient Outcomes for Pulmonary Embolism after Primary Total Knee Arthroplasty
1733	Moretti	Vincent	National Trends and Perioperative Outcomes for Navigated versus Unnavigated Total Knee Arthroplasty
1741	Moretti	Vincent	National Trends and Patient Outcomes for Hip Resurfacing
1742	Moretti	Vincent	National Trends and Patient Outcomes for Total Ankle Arthroplasty
855	Mori	Masaki	Hsp90 inhibitor induced autophagy and apoptosis in osteosarcoma cells.
883	MORI	YU	A Dkk3 Reporter Identifies Progenitors of the Fibrocartilage and Periosteum of the Fracture Callus
777	Morrey	Mark Edward	Biocompatibility of a Novel Polydioxanone Biomimetic Tendon Patch
1000	Morsi	Elsayed	Evaluation of the efficacy of various treatment regimens for the prevention of progression of early osteoarthritis of the knee
1519	Motesharei	Arman	Kinematic walking assessment to compare robotic assisted and conventional unicompartmental knee arthroplasty
1320	MOTWANI	MEGHNA SURESH	Development of an osteochondral plug from a novel, mechanically inhomogeneous hydrogel
843	Moussallem	Charbel	Relationship of the Lumbar Lordosis Angle to the Level of Termination of the Conus Medullaris and Thecal Sac
1589	Mouthuy	Pierre-Alexis	An electrospun patch reinforced with a woven component for rotator cuff repair
1214	Müller	Sebastian Andreas	Treatment options in tendon healing following natural growth factor expression
1224	Mumme	Marcus	Tissue engineered nasal cartilage for the regeneration of articular cartilage in goats
1615	Muratoglu	Orhun	In Vivo Oxidation in Sequentially Irradiated and Annealed Retrievals
1620	Muratoglu	Orhun	Short-term follow-up retrieval study on irradiated and vitamin E-diffused UHMWPE bearings
1695	Muratoglu	Orhun	Comparative oxidative stability of highly cross-linked UHMWPE after in vivo service
1699	Muratoglu	Orhun	A low wear, high impact strength, surface cross-linked UHMWPE by low energy irradiation
707	Murayama	Takashi	Accuracy of non-invasive and non-imaging new mechanical navigation on cup placement in total hip Arthroplasty for dysplastic hip.
1123	NAGURA	ISSEI	The influence of low-intensity pulsed ultrasound for human rotator cuff derived cells
1651	Nakamura	Toshiyasu	The effects of dorsally angulation deformity of distal radius on distal radioulnar joint stability: A biomechanical study
1383	Narayan	Venkat	A Hindered Phenol Antioxidant Stabilized UHMWPE for Tibial Knee Inserts
1396	Narayan	Venkat	Toughness Changes with Radiation Dose in an Antioxidant Stabilized UHMWPE
1321	Nasto	Luigi Aurelio	Systemic and local genotoxic stress accelerates disc degeneration
941	Natarajan	Raghu	Transition Syndrome: Biomechanical Contributions to Adjacent Disc Disease
1241	Nau	Thomas	Regeneration of the anterior cruciate ligament using a novel silk-fiber based scaffold device
993	Ng	Yeong Huei	Three Dimensional Morphological Characteristics of the Proximal Ulna
1468	Ng	K.C. Geoffrey	Correlation between physical examination and questionnaires with radiographic parameters of cam FAI
812	Ni	Guo-Xin	Different gene expression of chondrocytes in response to immobilization and high-intensity running
905	Nishimura	Hideki	Effects of GSK3 inhibitor in human osteosarcoma cell lines.
1721	Noailly	Jerome	Exploring the link between mechanical load and cell death in the intervertebral disc: a theoretical study of mechano-regulated hypermetabolism and metabolic transport
1686	Nobuyuki	Takenaka	EFFECTS OF KNEELING AFTER PCL RETAINING TOTAL KNEE ARTHROPLASTY ON PATELLOFEMORAL JOINT BIOMECHANICS
827	Nochi	Hitoshi	An in vivo Biomechanical Characteristics of Soft-Tissue Stiffness in Osteoarthritic Knees Undergoing Posterior-Stabilized Total Knee Arthroplasty
829	Nochi	Hitoshi	The Relationships between Rotational Alignment of the Femoral Component to the Flexion Gap Balance and to the Tibial Mechanical Axis When a Balanced Gap Technique is Used in Posterior-Stabilized Total Knee Arthroplasties
1531	Nochi	Hitoshi	Modified axial radiography technique for evaluation of the coronal alignment of the knee while patients are sitting with flexed knees
805	Nomura	Hiroki	Intraarticular reaction and secretion of inflammatory chemokines to Multi wall carbon nanotubes
1566	OBERT	Laurent	How to enhance results of hemiarthroplasty for proximal humerus fracture ? Anatomical and clinical multicenter study to define anatomy landmarks and new jig
1708	OBERT	Laurent	Fingertip reconstruction with occlusive dressing: Clinical results and biological analysis of the dressing contents
1711	OBERT	Laurent	Surgical technique and evaluation at long follow-up of a chondrocostal autograft in hand surgery
1713	OBERT	Laurent	Bone defect at upper limb level treated by the induced membrane technique Prospective multicentric study on 20 cases : clinical evaluation and biological analyse of the membrane
897	Oh	Chang-Wug	Bone transport with a locking plate for the segmental defect of tibia
1283	Okanoue	Yusuke	Intra-operative quantitative evaluation of the soft tissue tension with a new gap tensor in total hip arthroplasty
1480	Okanoue	Yusuke	Sequential change in functional anteversion and abduction angle of acetabular component after total hip arthroplasty followed over 7 years
1020	Oki	Satoshi	Scapular Kinematics in Different Humeral Rotations - Analysis in Health Subjects and Cadaver Models

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931	Onishi	Yasuo	The effects of Reoxygenation Using a Novel CO2 Therapy on Radiosensitivity in Human Malignant Fibrous Histiocytoma Cells
1041	Ono	Shiso	Relationship between the backward arm raising and the range of motion of glenohumeral joints in patients with rotator cuff tear
1542	Oomen	Pieter	Do internal forces relate to cartilage degeneration in early stage knee OA patients?
1603	Oosterwaal	Michiel	Non-invasive assesment of three dimensional skin motion artefacts of kinematic foot models.
778	Osaki	Shuhei	CHEMOSENSITIZING EFFECTS OF TELOMERASE-SPECIFIC ONCOLYTIC ADENOVIRUS IN HUMAN OSTEOSARCOMA CELLS
906	OSAWA	AKI	The effect of deep knee flexion at the early postoperative stage and height of patellar on incidence of patellar clunk syndrome
1238	Otsuka	Seiji	Anatomical evaluation of the screw placement with Sacral plate related to nerve injury in Lumbosacral fixation -using cadavers-
1544	Otsuka	Seiji	The anatomical proximity between nerve structures and tip of screws in first sacral vertebra (S1) and the risk of nerve root injury with sacral plate system were evaluated using cadavers.
1208	Ouellette	Elizabeth Anne	The Role of Soft Tissues in Rigidity of Fracture Fixation of Upper and Lower Extremities; Application for Battlefield Use
1404	Ouellette	Elizabeth Anne	Triquetral Rotational Index: A Measure of Ulnocarpal Instability
1409	Ouellette	Elizabeth Anne	Peripheral TFCC Tears Cause Ulnocarpal Instability: a Biomechanical Study
1415	Ouellette	Elizabeth Anne	Evaluation of an Examination Maneuver for Ulnocarpal Instability: a Biomechanical Study
1680	Ouellette	Elizabeth Anne	Outcome Study of Arthroscopic Decompression of the Lunate in Kienbock's Disease
1690	Ouellette	Elizabeth Anne	The Incidence and Characteristics of Carpal Fractures Arising Concurrently with Distal Radius Fracture After a Fall onto an Outstretched Hand
1694	Ouellette	Elizabeth Anne	The Incidence of Scapholunate, Lunotriquetral, and Triangular Fibrocartilage Complex Tears: A Cadaveric Investigation
1700	Ouellette	Elizabeth Anne	The Incidence of Scapholunate and Lunotriquetral Ligament Tears in Distal Radius Fractures: The Effect of Wrist Position and Forearm Rotation During a Fall onto an Outstretched Hand
1706	Ouellette	Elizabeth Anne	Interosseous Complex Disruption Reliably Increases Radiographic Forearm Interosseous Width ☐ Implications for Healing
957	Ovaska	Mikko T	Postoperative malreduction following ankle fracture surgery ☐ ☐ a comprehensive analysis of reoperated patients
1141	Oxland	Thomas	Rate and Depth Dependent Effects on Demyelination and Behavioural Deficit Following Spinal Cord Contusion Injury
1152	Oxland	Thomas	The effect of disc degeneration on anterior shear flexibility in the lumbar spine
1155	Oxland	Thomas	Biomechanical characterization of a novel low-stiffness posterior spinal implant under anterior shear loading in a degenerative spinal model
1299	Palaniappan	Arunkumar	In situ PCL microparticles loaded Chitosan Composite Gels as Intra articular drug delivery system for the treatment of Osteoarthritis.
1369	Paletti	Susanna	CT-BASED FE MODELS CAN DISCRIMINATE STEMS FAILED IN ASEPATIC LOOSENING FROM SUCCESSFUL CONTROLS IN A RETROSPECTIVE STUDY ON UNCEMENTED THR
1178	Palmer	Antony	Delayed Gadolinium-Enhanced MRI of Cartilage (dGEMRIC) Predicts the Pattern of Hip Osteoarthritis Progression at Five Year Follow-Up.
1186	Paquet	Joseph	Nutrient and O2 tension are crucial regulators of human mesenchymal stem cells (hMSCs) paracrine potentialities
1114	Parchi	Paolo Domenico	Nanostructured materials: a new approach to design innovative scaffolds for the treatment of bone defects.
1182	Parchi	Paolo Domenico	Evaluation of the effects of the Metha short stem on periprosthetic bone remodelling in total hip arthroplasties: results at 3 years and literature review
1336	Parchi	Paolo Domenico	Patient-specific templates for pedicle spine screws placement: literature review and proposal of a new design
1406	Parish	Alan	Quantifying structural quality of bone regeneration within a porous bone graft substitute
1109	Peng	Cheng	Effect of Nanog on proliferation and differentiation of the epidermal stem cell via beta-catenin phosphorylation
891	Penny	Jeannette Østergaard	Radiostereometric analysis (RSA) of two MoM cups, 2 year results from a randomized clinical trail (RCT)
1243	Penny	Jeannette Østergaard	Changes in bone mineral density of the Acetabulum and femoral shaft after large head metal on metal total hip replacement, compared to Resurfacing and standard THA. Two year results from a randomized study.
1043	PERISSINOTTO	ANDREA	BIOMECHANICAL ISOKINETIC EVALUATION OF LOW BACK PAIN IN WORKERS
1044	PERISSINOTTO	ANDREA	EXPERIMENTAL ISOKINETIC TESTS IN THE BIOMECHANICAL KNEE EVALUATION IN WORKERS AND ATHLETES
1317	PERISSINOTTO	ANDREA	FLOOR PRESSURE DISTRIBUTION ASIMMETRY INDEX VARIATIONS IN NORMAL SUBJECTS, PATIENTS AFTER ORTHOTIC THERAPY AND LOW BACK PAIN WORKERS
1334	PERISSINOTTO	ANDREA	CENTER OF PRESSURE TRACKING EVALUATION IN YOUNG AND WORKER SUBJECTS USING PLANTAR ORTHESYS AND PROTECTIVE SHOES
1295	Peroglio	Marianna	Loading and carrier determine the success of stem cell delivery into degenerative discs
1546	Perut	Francesca	Carbonic anhydrase IX is a candidate therapeutic target for osteosarcoma
1054	Pettersson	Maria	Generation and characterization of wear debris from silicon nitride coatings aimed to increase the longevity of joint replacements
1078	Pezeshki	Padina S	Novel Radiofrequency Ablation Treatment of Tumour and Bone
1335	Pham	Diana	Microtensile properties of individual fibre bundles in healthy and degenerate human anulus fibrosus

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1378	Phillips	Kate	Interleukin-1 Stimulates Release of Cytokines and Chemokines from Human Nucleus Pulposus Cells: Implications for Tissue Homeostasis in the Intervertebral Disc
916	Pirker-Frühauf	Ulrike	BMD reduction, vitamin D deficiency and lactose intolerance in young childhood sarcoma survivors
1687	Poldervaart	Michelle	Prolonged presence of VEGF promotes vascularization in bioprinted scaffolds.
1056	Popov	Tzvetan	The role of receptor-mediated cell-matrix interactions in the remodelling of three-dimensional collagenous environment by tendon stem/progenitor cells
1500	Porter	Anthony	A Prospective Randomized Comparison of Patient Specific Instruments with Standard TKA Instrumentation.
1506	Porter	Anthony	RSA Evaluation of a Cementless Tapered Femoral Stem with Crosslinked vs. Conventional Liners and Tantalum vs. Titanium Acetabular Shells in Young, Active THR Patients.
1351	Post	Virginia	BIOFILM FORMATION AND MOLECULAR CHARACTERIZATION OF STAPHYLOCOCCUS AUREUS ISOLATED FROM ORTHOPAEDIC IMPLANT RELATED INFECTIONS DEPENDS ON TYPE OF DEVICE
1408	Potapova	Inga	Click chemistry for imaging of infection: two-step labeling of Staphylococcus aureus with Lysostaphin
1524	Povoroznyuk	Vladyslav	TRABECULAR BONE SCORE IN TRAUMATOLOGY AND ORTHOPEDICS
1038	Putzer	David	Does a cleaning procedure in bone impaction grafting compromise the mechanical properties of the bone chips? A comparison of a newly developed cleaning procedure for untreated allografts used in hip arthroplasty.
796	Qin	Shi	Collagen scaffolds modified with collagen-binding bFGF promotes the neural regeneration in the rat hemisection spinal cord injury model
986	Qin	Ling	PLGA/TCP Scaffolds Incorporating Phytoestrogenic Molecule Icaritin Developed for Bone Defect Repair
1720	Ramesh	Ashwanth	A prospective study of intraoperative accuracy of ankle joint injection
865	Rao	Biyyam	Neck exchange in treating femoral neck fractures in dual modularity stems! Can it be justified?
1310	Ray	Seemun	Strontium modified calcium phosphate cement (SrCPC) enhances bone formation in critical-size metaphyseal osteoporotic fracture defects in rats
1002	Razak	Arif	Metal allergy screening prior to joint arthroplasty and its influence on implant choice. A Delphi consensus study amongst joint arthroplasty surgeons in the United Kingdom
918	Razmjou	Helen	Prevalence of Neuropathic Pain after Total Knee Arthroplasty
919	Razmjou	Helen	Recovery Following Rotator Cuff Repair in Younger Patients
920	Razmjou	Helen	Predictive Value of Clinical and Surgical Factors in Reparability of Large and Massive Rotator Cuff Tears
1079	Razmjou	Helen	Impact of bilateral shoulder involvement and hand dominance on disability
1553	Razmjou	Helen	Role of Pre-operative Factors on Success of Arthroscopic Debridement for Treatment of Osteoarthritis of Glenohumeral Joint
1673	Rea	William	A pilot cohort study to investigate the influence of cognitive dysfunction and psychological factors on the ability to drive in patients undergoing lower limb surgery
1501	Reimeringer	Michael	Evaluation of the micromotion as a function of the area where press-fit is applied for a cementless hip implant
876	Reimers	Nils	Resorption Characteristics of a PLDLLA Implant Inserted with Ultrasonic Energy - Results from Four Years Follow-up
1435	Reynolds	Sarah	Gait Biomechanics during Downhill Walking Following Total Knee Arthroplasty
804	Richbourgh	Brendon	Progranulin (PRGN) regulation of Chondrocyte Metabolism
1629	Richbourgh	Brendon Sherman	PRGN plays a chondroprotective role in chondrocyte metabolism
1316	Riches	Philip	The learning curve of robotically-assisted uni-condylar knee arthroplasty
935	Rimnac	Clare	Corrosion at the Modular Interfaces of Metal Femoral Components in Total Hip Replacements
1135	Rinner	Beate	Epigenetic of chordoma
1571	Rocos	Brett	The pattern of injury and workload associated injuries after suicide attempt by jumping from a height
1402	Roh	Jeffrey	A Blinded, Multi-Center Clinical and Radiological Study to Evaluate the Efficacy of OsteoAMP versus rhBMP-2 in TLIF/LLIF Procedures
780	Rolauffs	Bernd	The spatial organization and the pericellular matrix of human fetal chondrocytes are not inborn but instead acquired characteristics
1217	Romano	Carlo-Luca	ANTIBACTERIAL RESORBABLE COATING OF ORTHOPAEDIC IMPLANTS: AN IN VITRO AND IN VIVO STUDY
917	Roth	Alex	Novel radiopaque UHMWPE sublaminar wires for application in a growth-guidance system for the treatment of early onset scoliosis: a large animal study
1634	Rotne	Randi	PLATE-BONE CONTACT AND CYCLICALLY LOADED LOCKING PLATES
864	Rotter	Robert	Radiographic evaluation of vertebral body stenting (VBS) in osteoporotic vertebral compression fractures. A retrospective study of 44 cases.
1365	RUI	Yun-feng	Multilineage potential of tendon-derived stem cell (TDSC) cell sheets: implications for musculoskeletal tissue engineering
1288	Russell	Nicholas	The Effect of Sterilization Methods on the Osteoconductivity of Allograft Bone in a Critical-Sized Bilateral Tibial Defect Model in Rabbits
1166	RUSSO	ALESSANDRO	Critical long bone defect treated by magnetic scaffolds and fixed by permanent magnets
1192	RUSSO	ALESSANDRO	PULSED PLASMA DEPOSITION OF ZIRCONIA THIN FILMS ON UHMWPE: PROOF OF CONCEPT OF A NOVEL APPROACH FOR JOINT PROSTHETIC IMPLANTS
1701	Russo	Fabrizio	THE ROLE OF TYPE 1 DIABETES IN INTERVERTEBRAL DISC DEGENERATION
1705	Russo	Fabrizio	A NOVEL NUCLEOTOMY MODEL WITH INTACT ANULUS FIBROSUS TO TEST INTERVERTEBRAL DISC REGENERATION STRATEGIES

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702	S	Nithin	Hand Tumors - series of 110 cases
1416	Sabaté Brescó	Marina	ASSESSING THE ROLE OF IMPLANT ASSOCIATED IMMUNE RESPONSE ON THE DEVELOPMENT OF INFECTION IN VIVO
1112	Sague	Jorge	Low friction visco-elastic polymers as future materials for articulation with native cartilage tissue
1105	Sakka	Akihito	Benefit of the 3D matching evaluation method using the CT in TKA before and after operation
1138	Salerno	Manuela	Human musculoskeletal sarcomas contain a minority of putative cancer stem cells that form sarsospheres in vitro
1237	Salinas	Antonio J.	Biocompatibility and antibacterial activity of bone scaffolds enriched with Gallium and Zinc
1417	Sandberg	Olof	NSAIDs impair healing of shaft fractures, but metaphyseal fractures are not affected
1420	Sandberg	Olof	Stimulation of cancellous fracture healing with PTH is more efficacious in unloaded bone
837	Sasa	Takahiro	Anti-inflammatory effect of COX-2 in spinal cord injury in rats : COX-2-derived PGI2 reduces inducible ICAM-1 expression.
1625	Schilcher	Jörg	Histology of atypical femoral fractures. Not just a crack!
738	Schizas	Nikos	Ventral horn neurons in mouse organotypic Spinal Cord slice cultures are sustained to initial levels after 8 days in vitro when treated with a combination of NT3 and IL1RA
801	Schneider	Kerstin	What is the underlying mechanism for the failure mode observed in the Proximal Femoral Locking Compression Plate? A Biomechanical Study.
775	Schwartz	Claude	The use of biphasic calcium phosphate ceramics for the management of severe acetabular bone loss in revision total hip arthroplasties. A prospective observational cohort study.
776	Schwartz	Claude	Calcium phosphate bone cement speeds up recovery following open-wedge high tibial osteotomy.
1107	Scotti	Celeste	Engineering of functional endochondral bone and hematopoietic microenvironment with human adult Mesenchymal Stromal Cells
967	Semevolos	Stacy	Role of Wnt/Beta-Catenin Signaling in Early Osteochondrosis
1269	Semevolos	Stacy	Differential Gene and Protein Expression in Postnatal Cartilage Canal and Osteochondral Junction Chondrocytes
927	Senden	Rachel	Outcome assessment of TKA patients using new functional scores and physical activity monitoring.
1581	Senden	Rachel	Body-fixed inertia-sensor for movement analysis and activity monitoring as a regular clinical outcome tool for patients with ankle injury.
1583	Senden	Rachel	Physical activity of total joint arthroplasty patients at long-term follow-up compared to healthy controls.
1584	Senden	Rachel	Physical Activity and Metal Ion Concentrations in Patients with Metal on Metal Hip Prosthesis.
1585	Senden	Rachel	Measuring daily life upper extremity activity in shoulder patients and healthy subjects using a single 3D accelerometer
1586	Senden	Rachel	Validating a single 3D accelerometer to monitor upper-extremity activity during daily life
1607	Senden	Rachel	Quantity and quality of patient activity in total hip arthroplasty patients with low and high polyethylene wear rates.
1644	Senden	Rachel	The diagnostic power and interobserver agreement of three classification systems and radiographic measures to assess X-ankle concerning syndesmotic injury
1748	Senden	Rachel	Soft tissue envelop and collateral ligament strain after TKR for different rotation of the femoral component.
1348	Shafizadegan	Zohreh	How Knee Osteoarthritis May Change Gait Biomechanics: a review study
1210	Shah	Ashit	Trivector arthrotomy for TKR - A Gateway? for all Knees
1219	Shah	Ashit	All Poly Tibia-- Early Medium Term Results in elderly patients -Back To Future!!.
1697	Shah	Ashit	Correlation of Posterior Femoral offset and flexion in TKR study of 21 Bilateral TKRs
1702	Shankar	Vivek	ARTHROSCOPIC ELBOW SYNOVECTOMY IN RHEUMATOID ARTHRITIS: COMPARISON WITH INTRA-ARTICULAR STEROID INJECTION
1326	Shareghi	Bitra	Clinical evaluation of model-based RSA to measure wear in 4 different cup designs
761	SHARMA	RAKESH	Autologous Growth Factors Rich Plasma(GFRP)following Knee Lavage-A Reliable Treatment Option To Avoid Knee Arthroplasty in Early Osteoarthritis Knees.
1543	Shepherd	Jennifer Helen	Micromechanics of Fatigue Loaded Tendon
722	SHIBAHARA	MOTOI	Comparison study of Bone Mineral Density in the Proximal Humeral head with rotator cuff tear
1739	Shim	Vickie	Influence of geometry and material properties in Achilles tendon ruptures
1059	Shinichi	Hasegawa	3D In vivo Evaluation for The Effectiveness of Bracing
987	SHIONO	YUTA	PROPIONIBACTERIUM ACNES CAUSES DELAYED SURGICAL SITE INFECTION ONLY IN THE PRESENCE OF IMPLANT
1359	Silva	Matthew	Vascular Response to Bone Injury: NOS-Mediated Vasodilation and Increased Blood Flow Rate Following Stress Fracture in Rats
1304	Singaravelu	Indulekha	Novel Thermo-responsive Poly (N-Vinyl Caprolactam)-g-Chitosan Sponges as an On-demand Drug Delivery System for Pain Management.
746	Skrepnik	Nebojsa	Early Complications and Failure of the Modular Rejuvenate Femoral Implant
748	Skrepnik	Nebojsa	Five-Year, Prospective, Randomized Controlled, Clinical, Radiographic and DXA Results of a Composite Femoral Component for THA
749	Skrepnik	Nebojsa	Results of a 2 Year, Prospective, Controlled Study of Metal-Ion Release Following Metal on Metal Total Hip Replacement Before and After Revision With an Algorithm to Diagnosis and Manage Metal on Metal Hip Patients.

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1465	Sladkova	Martina	Massive Death of Implanted Human Mesenchymal Stem Cells Did Not Prevent Their Osteogenic Potential
1111	Smeekees	Christiaan	Short term outcome of the M2a-38tm Metal on Metal cementless total hip arthroplasty
943	Smith	Margaret	A hexadecylamide hyaluronan derivative (HYMOVIS®), targets both synovial and cartilage pathology in OA.
1693	Smith	Alan Mark	The development of a pseudosynovial fluid analogue for use in wear testing orthopaedic implants
1385	Snelling	Sarah JB	Dickkopf-3 (Dkk3) a regulator of chondrocyte biology in osteoarthritis
1081	Solitro	Giovanni	How does Interference fit affect the initial stability of the stem in a Total Hip Replacement.
1185	Solitro	Giovanni	Relationship between Under-Reaming, Impact Force, Micromotion on Cup stability in Total Hip Replacement.
1222	Sollazzo	Vincenzo	Prion proteins (PRNP and PRND) are over-expressed in osteosarcoma
1297	Solomon	Lucian Bogdan	Understanding the Pathology of Pelvis Ring Disruptions with Radiostereometric Analysis
1301	Solomon	Lucian Bogdan	The Effect Of Irradiation On Allograft In A Sheep Model Of Femoral Impaction Grafting
1276	Song	Lin	Effect of Antioxidant on Polyethylene Particle Induced Inflammation and Cellular Activation
1632	Sonofuchi	Kazuaki	A new Metal utility : Ultralow Nickel Co-Cr-Mo alloy
1042	Sorensen	Mette	Lactic acid-based polymers for local drug delivery can negatively affect the bone-implant interface and impair implant fixation.
1156	Spriano	Silvia	Surface modification of titanium implants for an enhanced osteointegration ability and antibacterial action
1370	Stadelmann	Vincent	In-vivo monitoring of bone around an infected implant.
1170	Stanco	Deborah	Could Tendon Progenitor Cells Be Useful In Regenerative Medicine Applications? Characterization and in vitro comparison with Adipose-Derived Stem Cells
1177	Stanco	Deborah	Studying The Relation Between Pulsed Electromagnetic Field (PEMF) Dosage And In Vitro Functional Response Of Tendon Cells
880	Stefan	Hofstätter	Biomechanical comparison of different screw-types used for the correction of severe metatarsus primus
1616	Stewart	Matthew	Basal Osterix expression and comparative osteogenesis of progenitors from equine bone marrow, synovium and adipose tissue
1678	Stewart	Matthew	A BMP-mediated pathway of chondrocyte biosynthetic suppression by corticosteroids
1696	Stewart	Matthew	Concurrent second harmonic generation (SHG) imaging of collagen orientation and two-photon fluorescence cell imaging microscopy in tendons
721	Su	Yukun	Numerical approach to analyse implant parameters for electro-stimulation therapy in the human femoral head
1527	Su	Bo	Micropatterning of ceramics for improving osseointegration of orthopaedic implants
1249	Suen	Pui Kit	Bone Healing Enhancement through Inhibition of Sclerostin by Monoclonal Antibody in Rat Osteotomy Model
1374	Sugama	Ryo	Image free navigation system reduce leg length discrepancy in total hip arthroplasty
1011	Sultan	Jawad	THE EFFECT OF LATERAL WEDGE INSOLES ON THE ASYMPTOMATIC KNEE OF PATIENTS WITH MEDIAL COMPARTMENT OSTEOARTHRITIS
852	Sun	Yubo	PCA-III inhibited the development of primary and secondary osteoarthritis
1424	Suryavanshi	Ajay	Novel Magnesium- Polycaprolactone nanocomposite biomaterial for bone fixation applications
1263	Taddei	Fulvia	OSTEOPOROSIS DOES NOT COMPROMISE THE MECHANICAL STRENGTH OF THE PROXIMAL FEMUR IN DAILY ACTIVITIES
1067	Tai	Ta-Wei	Simple Geometrical Principles for Planed Bony Cuts in Total Knee Arthroplasty to Treat Patients with Severe Extra-articular Deformity
1164	Tai	Ta-Wei	Cigarette Smoke Inhalation Impairs Angiogenesis in Early Bone Healing Process and Delays Fracture Union
984	Takahashi	Kenji	A comparison of radiofrequency and microwave hyperthermia on knee osteoarthritis
1281	Takahashi	Hiroyuki	Is coracoid process large enough for the Latarjet procedure in Asian? Measurement by 3-dimensional computed tomography
788	Takahiro	Waki	Profiling microRNA expression in fracture nonunion
1001	Takazawa	Kobun	Morphological findings of ACL remnants on 3DCT
1039	Take	Yasuhiro	Title: Length Change of the Bone-Patellar Tendon-Bone Grafts in ACL Reconstruction: Comparison between Isometric and Anatomic Reconstruction Techniques.
1285	Takeda	Mitsuhiro	The relationship between the findings of the ultrasonography and the value of the stress radiography in chronic lateral ankle instability
1069	Takeuchi	Hrioki	Genetically Engineered and Systemically Expressing Kusabira-Orange Transgenic Pigs as in vivo Model to Trace Cell Recruitment after Anterior Cruciate Ligament Reconstruction
960	Takigami	Iori	Primary Total Hip Arthroplasty with a Spongy Metal Surface Acetabular Component for Hip Dysplasia
890	Tamaki	Masashi	The Posterior Condyle Thickness of Femoral Component in High-Flexion Posterior Stabilized Total Knee Arthroplasty Affected the Extension and Flexion Gap.
1595	Tan	Barry	Tandem spinal stenosis: A 926 multiracial Asian patients prevalence and risk factors analysis
1211	Tanida	Shimei	IL-27-producing CD14+ cells infiltrate inflamed joints of rheumatoid arthritis and regulate inflammation and chemotactic migration
1343	TANIFUJI	OSAMU	Validation of 3D Knee Kinematic Analysis Assessed by Surgical Transepicondylar Axis
1018	Terabayashi	Nobuo	Increased Blood Flow of the Anterior Humeral Circumflex Artery Correlated with Night Pain in Rotator Cuff Tear and Idiopathic Frozen Shoulder Patients
911	Tessarolo	Francesco	X-ray visualization of polymer-based implants with osseointegrating coatings

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859	Testa	Enrique Adrian	Clinical value of 4D-SPECT/CT including assessment of TKA component position, alignment and tracer uptake distribution in patients with painful total knee arthroplasty
723	Thakkar	Savyasachi	Protrusio Acetabuli and Total Hip Arthroplasty (THA) in patients with Marfan Syndrome
726	Thakkar	Savyasachi	Accuracy, Legibility, and Content of Consent Forms for Hip Fracture Repair in a Teaching Hospital
727	Thakkar	Savyasachi	Calcar Bone Graft to Restore Limb Length in Comminuted Intertrochanteric Fractures - An Innovative Method
728	Thakkar	Savyasachi	Can the "turn-of-the-nut" method improve cortical screw insertion?
830	Thakrar	Raj Ramesh	THE USE OF SYNVISCO-ONE IN THE TREATMENT OF SYMPTOMS OF KNEE OSTEOARTHRITIS, A DISTRICT GENERAL HOSPITAL EXPERIENCE
1564	Thormann	Ulrich	Comparison of metaphyseal fracture defect healing between osteoporotic and non-osteoporotic bone of the rat.
844	Thorpe	Chavaunne	Tendon fascicles show an age-specific response to cyclic fatigue loading
1257	Tochigi	Yuki	Speed-dependent increase of the entropy of gait kinematics in asymptomatic adults
1302	Tochigi	Yuki	Insult magnitude dependency of injury severity in a survival rabbit knee model of full-thickness blunt impaction cartilage injury
1520	Torreggiani	Elena	Exosomes derived from human platelet lysate induce MSC proliferation in vitro
1226	Toshinori	Tsukanishi	Phototoxic effects with indocyanine green-labeled nanocarrier and near-infrared light for human breast cancer cells
1735	Toshiro	Matsumoto	The theoretical and experimental stress analyses on the lumbar vertebrae with and without hemi-spodyllysis
1740	Tovar	Nick	Three-Dimensionally Printed β -Tri-Calcium Phosphate/Hydroxyapatite-Bone Morphogenetic Protein Scaffolds for Long Bone Regeneration
1130	Trieb	Klemens	Receptor activator of nuclear factor kappa beta (RANK) expression is a prognostic factor in human osteosarcoma
1142	Trieb	Klemens	BMP-7 for the treatment of non-union of the foot and benign bone tumors
1145	Trieb	Klemens	Differences in plantar loading between orthosis with and without lateral wedge
1569	Trieb	Klemens	Recurrence rate and progression of Chondrosarcoma correlates with Heat shock protein expression
1393	TRISOLINO	GIOVANNI	PREVALENCE OF PINCER-LIKE RADIOGRAPHIC PATTERNS AMONG GENERAL POPULATION. A CT AND X-RAY BASED DESCRIPTIVE STUDY ON 118 INDIVIDUALS.
1563	Tsuji	Shigeyoshi	Quantitative index in making the decision to apply preventive anticoagulant therapy in osteoarthritis patients undergoing total knee arthroplasty.
772	Tunc	Deger C.	CONTROLLED ANESTHETIC RELEASING IMPLANT
1354	Turner	Irene	The design of a fluidised bed bioreactor for bone tissue engineering using CFD
1405	Twomey	Julianne	ColVI and Dcn's Control over Cytoskeletal Reorganization to Load in Differentiating hMSCs
1669	Tzu-Ping	Lin	Cannabinoid receptor I involved in cartilage integrity of osteoarthritic knee joints.
1707	Vadalà	Gianluca	VEGF-signaling inhibition as a target of Osteoarthritis treatment: an in vivo study on Osteoarthritis rabbit model
1065	Van Der Veen	Albert Jan	DETERMINING CREEP BEHAVIOUR OF THE INTERVERTEBRAL DISC: A COMPARISON OF TWO METHODS
877	Van Der Weegen	Walter	Natural course of small pseudotumors after metal-on-metal hip arthroplasty. A longitudinal clinical study with MRI.
878	Van Der Weegen	Walter	Treatment of pseudotumors after metal-on-metal hip resurfacing based on Magnetic Resonance Imaging, metal ion levels and symptoms.
1609	Van Der Weegen	Walter	Comparison of three different pseudotumour grading systems with a single cohort of Metal-on-Metal hip arthroplasty patients.
1474	Van Haver	Annemieke	A Statistical Shape Model of Trochlear Dysplasia of the Knee
1722	Van Haver	Annemieke	Landmark-based 3D analysis of Trochlear Dysplasia
1725	Van Leeuwen	Justin	Comparison of Pre-operative Planned and Post-operative Achieved Implant Position in TKA with PSPG
1129	Vanden Berghe	Peter	Automatic reconstruction of large acetabular bone defects using statistical shape models
1455	Vanderby	Ray	Immuno-modulatory effect of MSCs during ligament healing
1656	Vanhegan	Ivor	A cadaveric study of the primary stability and biomechanical properties of a tapered versus conical revision hip prosthesis
1463	Vauclair	Frédéric	Total Knee Arthroplasty: Do custom cutting blocks improve the clinical outcome or implant positioning precision?
1073	Verboom	Erik	Measuring polyethylene wear in total knee prostheses with Model-based RSA, do we need weight-bearing images?
1430	Vergroesen	Pieter-Paul	DISC HEIGHT AND INTRADISCAL PRESSURE ARE LINEARLY RELATED UNDER DYNAMIC LOADING CONDITIONS. The behaviour of intradiscal pressure in time, under different levels of dynamic axial compressive loading.
1172	Verné	Enrica	Bioactive bone cement with antibacterial properties
1176	Verné	Enrica	Bone Cements loaded with ferrimagnetic bioactive glass-ceramics
1685	Vigneron	Lara	Population Based Design Validation of Subcutaneous Bone Anchored Hearing Aid Implant
1703	Vigneron	Lara	Efficient subject-specific computational model generation for design-phase evaluation of knee replacement
1251	Vitale-Brovarone	Chiara	Bioactive trabecular-like coatings to improve the osteointegration of ceramic prosthetic devices
1256	Vitale-Brovarone	Chiara	Spine-Ghost: An Innovative Bioresorbable Osteoinductive Vertebral Cement
1061	Vrancken	Anne	Geometry analysis of the medial meniscus: a statistical shape modeling approach

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1744	Wada	Hiroshi	Femoral morphology using software for three-dimensional analysis prior to arthroplasty
1386	Walsh	Pauline	Ischaemic preconditioning protects skeletal muscle myotubes against ischaemia-reperfusion injury through activation of Nrf2 signalling
926	Wang	Tianyi	Modulating chondrogenesis of adipose-derived stromal cells in combinatorial extracellular matrix-containing hydrogels with independently tunable niche properties
945	Wang	Feng-Sheng	Dickkopf-1 Blockade Protects From Cartilage and Synovial Deterioration in Osteoarthritic Knees: A Pre-clinical Trial Perspective
1250	Wang	Neil	Studies of Mesenchymal Stem Cell Secretion on Musculoskeletal Tissue Repair
1273	Wang	Wilson	In vitro Expression and Refolding of Recombinant Peptide Constructs with Growth Differentiation Factor 7 (GDF-7/BMP-12) for Enhanced Interactions with Biomaterials
1470	Wang	Jinxi	Bone Sialoprotein-Collagen Implants Promote Cranial Bone Repair by Stimulating the Differentiation of Osteoprogenitor Cells into Mature Osteoblasts
1557	Wang	W	Immobilized BMP-7 Peptide On Cobalt Chromium Alloy For Enhanced Bone Growth
975	Watanabe	Hiroshi	Efficacy of radiofrequency hyperthermia on the cartilage in guinea pigs with primary osteoarthritis
977	Watanabe	Nobuyuki	Validation of Nottingham Adjustment Scale Japanese version (NAS-J-Hip) in preoperative patients who undergo total hip arthroplasty
1032	WATANABE	SATOSHI	2D-3D Image Registration Using Arthroscopic Images For Computer Assisted Arthroscopic Surgery
1674	Weisshaar	Maria-Paz	Growth Factors and Cytokines in Orthopaedics. Comparison of two blood processing techniques: ORTHOKINE® and ACP®.
1184	WEN	Chunyi	Differential Microstructure and Mechanical Competence of Trabecular Bone in Knee Osteoarthritis in Presence or Absence of Subchondral Cysts
693	Wickramasinghe	Neil	Socially deprived patients sustain their distal radial fracture at a younger age
1662	Williams	Richard Lee	Intracellular tracking of fluorescently labelled calcium phosphate particles
1550	WONG	KENG LIN	CLINICAL OUTCOMES AND PROGNOSTIC FACTORS FOR MORTALITY, OVERALL MORBIDITY AND SURGICAL RELATED MORBIDITY IN SURGICALLY TREATED SPINAL EPIDURAL ABSCESES: A SINGLE CENTRE 10-YEAR EXPERIENCE
1646	Wong	Hoi Man	A novel magnesium-based bone substitute to stimulate in vivo bone formation for orthopaedic implantation
895	Wright	Samantha Jane	Why does a collared and anatomically shaped total hip stem yield successful clinical results?
1671	Wu	Re-Wen	S100A9 induced vessel injury in osteonecrosis of femoral head
1148	Wurm	Alexander	Effect of storage temperature and antibiotic impregnation on the quantity of bone morphogenetic protein-7 in human bone grafts
851	Wyss	Urs Peter	Head-Neck Taper Corrosion of artificial Hip Joints
1033	Xian	Cory	Preventing bone loss and bone marrow adiposity caused by methotrexate cancer chemotherapy: supplementary treatment with dietary fish oil vs folic acid
797	Xiaofeng	Han	Promotion of neurological recovery in rat spinal hemisection injury by collagen scaffold loaded with mesenchymal stem cells
1666	Xiaofeng	Han	Improved osteogenesis of de-differentiation mesenchymal stem cells
1353	Yamakawa	Yasuaki	Combined effect of zoledronic acid and telomerase-specific oncolytic virotherapy for human osteosarcoma cells
1083	Yang	Fan	Highly Flexible, Microribbon-based PEG Hydrogels with Independently Tunable Scaffold Properties for Cartilage Tissue Engineering
1132	Yang	Qing	Gene silencing of NF-κB can ameliorate muscle pathologies in DMD mice
818	Yasuda	Tadashi	Inhibition of prostaglandin E2 synthesis by hyaluronan through NF-κB down-regulation via ICAM-1 in U937 macrophages
783	Yeung	Kelvin	New porous and nano-structured polyetheretherketone (PEEK) surface for bone tissue engineering
750	Yiasemidou-Glassman	Marina	Efficacy of Service Provision of Viscosupplementation for knee osteoarthritis: A dedicated orthopaedic service within a District General Hospital
1115	Yo	Hirotake	Stability of Cemented Triple Tapered Polished Stem Inserted with Line-to-Line Technique
1631	Yoshida	Aki	The osteogenic effect of Kaempferol in human MSC cells and ovariectomized mice: in vitro and in vivo study
1240	Yoshikawa	Tomoaki	Scanning electron microscope analysis of tapered neck from a case postoperatively affected by metal corrosion on the head-neck junction of total hip prosthesis
1745	Yoshioka	Tomokazu	Predicting risk factors of total hip arthroplasty (THA) conversion after concentrated autologous bone marrow aspirate transplantation (CABMAT) for the treatment of idiopathic osteonecrosis of the femoral head (ONFH)
1090	Yu	Yan	Sorafenib Monotherapy and Combination Therapy with Irradiation in Osteosarcoma Cell Lines
1377	Yukitaka	Fujisawa	Three-Dimensional Analysis of Acromial Morphology by Using the Proximity Mapping Technique: Comparison of Subjects With and Without Rotator Cuff Tear
1621	Zampogna	Biagio	Are Platelet Rich Plasma Injections Effectiveness After Arthroscopic Rotator Cuff Tear Repair?
1683	Zampogna	Biagio	A Comparison of Clinical Results Between Microfracture Technique with the Use of PRF Intraoperative Injection, PRP Postoperative Injection and Microfracture Only for Osteochondral Lesion of the Knee
1689	Zampogna	Biagio	Does endothelial dysfunction influence the rotator cuff tear size? An ultrasonographic study
1429	Zderic	Ivan	Pressure investigation in transverse patellar fracture fixation with two different tension band wiring techniques. A biomechanical study.
1433	Zderic	Ivan	Monitoring of cement distribution in vertebral bodies during vertebroplasty

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762	Zeugolis	Dimitrios	Scaffold and Scaffold-free Strategies towards Tendon Repair
1088	Zhao	Lei	Knee flexion and differential fibre recruitment in the anterior cruciate ligament: a microstructural study
1357	Zheng	Keke	Finite element analysis of time-dependent stress and strain distribution at knee cartilage during the stance phase of gait
847	Zhihong	Zhou	A novel technique of cerclage wiring using a power tool
1021	Zhihong	Zhou	When does knee range of motion reach a plateau after total knee arthroplasty
1254	Zielinska	Olga Anna	Are 36+ MM Diameter HXLPE Bearings at Risk of Increased Wear from Modular Taper Corrosion with Ceramic and CoCr Heads?
1259	Zielinska	Olga Anna	Retrieval Analysis of 2nd Generation HXLPE Used in Total Hip Arthroplasty and Total Knee Arthroplasty
1384	Zügner	Roland	Comparable study of hip kinematics between roentgen stereophotogrammetric analysis and a three dimensional gait analyse system using Lundberg skinmarker- and a cluster model.