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ID 963	Last N Subm Abdel	1st N Subm	Title
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 in uence of patellofemoral degenerative changes on the outcome of the
741	Abdulkarim	Ali	unicompartmental knee replacement An alternative method for predicting component sizes in total knee arthroplasty.
	Abdulkarim	Ali	VASCULAR INJURIES ASSOCIATED WITH TRAUMATIC BONE INJURIES
	Abrassart	Sophie	3D finite element modeling of clavicle for stress fractures
1154	Abrassart	Sophie	modelisation of supraspinatus muscle
	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
	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
	Aframian	Arash	Streamling Total Hip & Knee Replacement instrument sets: Functional & cost-effective?
	Aframian	Arash	Trabecular Metal reconsctruction of severe acetabular defects
	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.
	AHMAD	TASHFEEN	Global trends in Orthopaedic publications: The EBM perspective
	Akiko	Onda	Acupuncture treatment improves spiral wire immobilization induced skeletal muscle atrophy and reduces Ca2+ ATPase (SERCA1) expression
1139		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
	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
909	Arnold	John	POSITION OF EXPECTED OSTEOARTHRIC LESIONS ASYMMETRY OF LOWER LIMB JOINT LOADING IN ADVANCED KNEE OSTEOARTHRITIS
	Arntz	Phillip Christian	Development of a foamable bone substitute for application to osteoporotic bone voids
1639		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
1216	Barrios	Carlos	intramuscular EMG recording in different spine tasks. Neurophysiologic monitoring during acute and progressive compression injury of the spinal
1510	Parrios	Carlos	cord experimentally induced in pigs. MRI assessment of fat infiltration and atrophy of the lumbar muscles after one single level
1516	Barrios	Carlos	fusion with topping-off dynamic stabilization.

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1 D	Last N Subm Barrios	1st N Subm Carlos	Title Intraoperative spinal cord blood flow measurements using high resolution laser doppler. The
	Barrios		value of cord neurophysiological monitoring.
		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 Metalon-Metal Hip Resurfacing: a Bone Mineral Density Study
1684	Beaule	Paul E.	Mechanical Properties of Cartilage from Cam-Type Femoracetabular Impingement Deformities
	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
1681	Bhattacharjee	Atanu	Patient-Specific Instrumentation Capacity of in vitro expanded Bone Marrow Stromal Cells to make new bone in a setting of non
1520	Bhushan	Pranau	union: A Randomised Control Study Effectiveness of WHO regime in Spinal Tuberculosis- Prospective Study
	Bianchi	Pranay Michele	Substrate geometry directs the mineralization of calcium phosphate ceramics in vitro
1312		ASIA	SurgiligTM synthetic ligament: An effective treatment for acute and chronic acromioclavicular
962	Bichara	David	ioint dislocations Particles from vitamin-E-diffused highly cross-linked UHMWPE induce less osteolysis compared
1308	Binch	Abbie Louise Ann	to virgin UHMWPE in a murine calvarial bone model Cytokine Regulation of Neurotrophic Factors & Pain Related Peptides in Disc & Nerves - Implications in Discogenic Pain
1338 1515	Binch Binderman	Abbie Louise Ann Itzhak	Implications of Semaphorins on Neural Ingrowth in Disc Degeneration 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
1549	Blackburn	Julia	total joint arthroplasties Lysophospholipid-functionalised titanium ② a dual action surface supporting human osteoblast
			maturation whilst deterring bacterial attachment
	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.
	Boontanapibul	Krit	Radiographic measurement technique for vertical displacement of pelvic ring injury: Experimental cadaveric study
	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
1162	Brini	Anna Teresa	fractures. 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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866 Fumio Sasazawa Interruption of Ganglioside Synthesis Enhances Osteoarthritis Development in Mice	828	Fukui	Tomoaki	Superior Potency of CD34-Positive Cells for Healing of Nonunion Following Bone Fracture
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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
1194	Gallo	Jiri	stimulated peripheral blood mononuclear cells (PBMC)? Low expression of TLR-1, -2, -4 and IL-2, -2R, -10, -10R in pseudosynovial tissues obtained from
868	Ganji	Yasaman	aseptically failed total hip and knee arthroplasty Variation of Aggregate Modulus with Channel Diameter in Channelized Porous Polyurethane
	,		Scaffolds Mimicking Cartilage Tissue
	Gantenbein-Ritter	Benjamin	In vitro Culture of Notochordal Cells How to preserve their phenotype? Dead in Ti(A Boards in Constraint Bulletine Constraint Bullet
1472 1475		Во	Predict TKA Prosthesis Constraint Behavior using Computer Simulation
		Во	Femorotibial Constraint Behavior of Two CR TKA Prostheses Evaluation using Computer Simulations
1730	Gao	Во	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
			poylmethylmethacrylate (PMMA) cement
1392	Gbejuade	Herbert	Antimicrobial activities of daptomycin, vancomycin and gentamicin loaded
			polymethylmethacrylate (PMMA) cement on staphylococcus epidermidis biofilm: an
1246	Geurts	Jeroen	experimental model of a ioint wound infection INCREASED MACROPHAGE INFILTRATION AND TRAP ACTIVITY CHARACTERIZE SUBCHONDRAL
1000			BONE SCLEROSIS IN KNEE OSTEOARTHRITIS
1268	Ghani	Yaser	The Effect of Current Density and Time on Electrochemical Deposition of Hydroxyapatie on Titanium Implant
1567	Giesinger	Karlmeinrad	The Forgotten Joint Score: Item bank development for computer-adaptive assessment of joint
1452	Cinanta	Antonio	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
1715	Gindraux	Florelle	finite element study Osteodifferentation of intact human amniotic membrane through a jet sprayed
1076	Gitlin	Adam	polycaprolactone nanofiber scaffold 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		Satish	Enhancement of fracture healing by amino acids lysine and arginine- An experimental study in
1000		Julion 1	rabbits
1060	Goel	Satish	Direct injection of mesenchymal stem cells in treatment of osteoarthritis- An experimental study in rabbits
1063	Gool	Satish	Role of L-arginine in treatment of Osteoporosis
	Goodman	Stuart B	Biological strategies for treatment of wear particle-induced periprosthetic osteolysis
	Govil	Amit	Osteoinductivity and Osteogenicity of Leading Allograft Bone Products
	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 ② 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 unicompartmental knee arthroplasty in human tibiae 2
709	Gueorguiev	Boyko	influence of the applied cementing technique on the interface stability Interfragmentary compression of different tibia plateau split fracture fixation techniques. An
040	Gun-II	lm	experimental study 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.
	Gwyn	Rhodri	EFFECT OF IMPLANT MODULARITY ON METAL ION LEVELS IN PATIENTS WITH THE
1640	Gwyn	Phodri	BIRMINGHAM HIP BEARING. Defining the role of ADAMTS4 colice variant
	Hakimi	Rhodri Osnat	Defining the role of ADAMTS4 splice variant. Evaluation of Polydioxanone Scaffolds of Varying Architecture for Tendon Repair
	HAMAI	SATOSHI	POST-CAM MECHANISM FUNCTIONS DURING KNEELING BUT DOES NOT FUNCTION DURING
360	THE STATE OF	5, 17 0 51 11	STAIR-CLIMBING IN A POSTERIOR-STABILIZED TOTAL KNEE ARTHROPLASTY
1280	Hamilton	Matthew	How Does Reverse Shoulder Design Affect Rotator Muscle Moment Arms?
1200	T.GITIIICOTT	ITTACCITE VV	How bees neverse shoulder besign Affect Notator Muscle Mother Affilis:

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	Hamilton	Matthew	The Effect of Muscle Wrapping on Modeling of Reverse Shoulders
	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
703	Hanada	Mitsuru	Evaluation of effect of Tranilast on the spinal cord injury in rat
	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
	Hart	Radek	Radiological and clinical results after platelet-rich plasma treatment in mild tibiofemoral osteoarthritis
	Hart	Radek	Mesenchymal Stem Cells in Bone Marrow Concentrate Added to Allografts in Posterolateral Lumbar Fusion
	Hassan	Mohamed Saleh Moustafa	Use of Cemented Calcar Replacement Total Hip Arthrolasty in the Treatment of old trochanteric Fractures with Bone Loss
	Haynes	David	Semaphorin-3a and neuropilin-1 expression at sites of peri-implant bone loss.
999		Bing	Potential strategy regulating miRNAs to improve impaired fracture healing in aged females: A systematic view for timing and targets
	Hettwer	Werner	3D computer navigation for minimally invasive bone tumor biopsy and resection
	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
1027	Hidenori	Tanikawa	torn human rotator cuff tendon 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 rhematoid arthritis
1157	Hiromu	Ito	CCL chemokines are upregulated in articular cartilage defects and stimulate the migration of
1734	Hisashi	Sugaya	bone marrow cells Fate of bone marrow mesenchymal stem cells 24 weeks after autologous transplantation into a
1743	Hisashi	Sugaya	rabbit osteonecrosis model 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
	Holsgrove	Timothy	An In-Vitro Investigation of Shear Strength of Cement on Cement Mantles
997	Holzer	Lukas	Expression of VEGF, its receptors and HIF-12 in Dupuytren2s 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
	Huang	Jie	Surface Patterning of nanoSilicon Substituted Hydroxyapatite for Medical Implants
	Huber	Gerd	FATIGUE LOADING OF THE LUMBAR SPINE
1075	Ikemura	Satoshi	Candidate-based proteomics in the search for biomakers of steroid-induced osteonecrosis in rabbits.
	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
10/19	Inoue	Nozomu	In Vivo Measurement of 3D Pedicle Geometry in Whole-spine
	Inzana	Jason	Characterization of 3D Printed Collagen-Calcium Phosphate Composites for Bone Defect Repair
	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	lvicsics	Miklós	Load Increase on Facet Joints after Nucleotomy in the Human Lumbar Spine
	Iwamoto	Keiji	In Vivo Kinematics of the PFC Sigma Rotating Platform Cruciate Retaining Total Knee
954	Iwamoto	Keiji	Arthroplasty Comparison of In Vivo Kinematics of Total Knee Arthroplasty between cruciate retaining and
33 +		-3.	condylar stabilized insert

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	Iwashita	Kosui	Conduction of Whole Body Vibration 2
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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
1355	Jauch	Sabrina Yvonne	Bimodular Hip Prostheses The Assembly Load Influences the Fretting Behaviour at Taper Interfaces of Modular Hip
697	Jean	Yen-Hsuan	Prostheses: an In vitro Study 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.
	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
	Kanako	Shiba	Osteo-integration for Pediatric Spinal Surgery in Miniature Pig Model
	Kanazawa	Tomoko	Rho small GTPases regulate COL2A1 expression associated with mechanical stretch in inner
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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
1402	Kurig	Todrigivii	DUPUYTREN MYOFIBROBLASTS
1495	Kang	YoungMi	Expression of proteoglycan in the intervertebral disc cells under the oxygen condition
	Kang	Xiumei	Estimating hip joint angles during weightbearing by combining low resolution Open MRI images
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1737	Kang	YoungMi	Expression of sclerostin and role of Non-canonical (PKC) signaling in the intervertebral disc cells
1262	KARUNATHILAKA	LOKU KANKANAMGE	Impact of Biological and Structural factors to the mid-term outcome and quality of life in
		DON CHANDANA RATHNA	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
1084	Kerens	Bart	observational cohort study 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		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
4474	Vichim at a	Vochi	Fivation of vat tail voytobras covers reveals file at time transition in a second state of
	Kishimoto	Koshi	Fixation of rat tail vertebrae causes muscle fiber type transition in paraspinal muscle
	Kitaoka Kiyomi	Kenichi Takayanagi	A preliminary report about the evidence based exercise therapy aided by robot 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®
1489	Knothe Tate	Melissa Louise	an Autologous Source of Stem Cells Deciphering the Smart Mechanical Properties of Periosteum, Bone®s Bounding Envelope
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	Knothe Tate	Melissa Louise	Structural Specifications for Translational Use and Engineering of Human Periosteum
	Knotne Tate KOHLI	NUPUR	A comparison of culture expanded mesenchymal stem cells versus minimally manipulated
1440	KOHLI	NOT OIL	bone marrow cells for their growth and chondrogenic differentiation in clinically relevant cell
1289	Koks	Sulev	scaffolds with potential for cartilage repair. Transcriptome analysis of osteosarcoma identifies Wnt signal suppression and adiponectin as
1247	Kosmopoulos	Victor	potential biomarker Comparing stress distributions between a single large fragment and two small fragment locking
	nosinopoulos	VICTO	plates for fixation of humeral shaft fractures
1613	Krasilnikov	Alexander	The advantages of Collost using in treatment benign bone tumors.

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	Krueger	Alexander Peter	Ceramic Femoral Component Fracture in Total Knee Arthroplasty : 2
	S		An analysis using fractography, fourier-transform infrared microscopy, contact radiography and
123/	Kueny	Rebecca	histology Fixation Advantages of C1 Pedicle Screws over Lateral Mass Screws
	Kullaa	Arja	BONE COMPOSITION OF NORMAL AND IRRADIATED HUMAN MANDIBLE DETERMINED BY
1310	Kunuu	, ,	FOURIER-TRANSFORM INFRARED SPECTROSCOPIC IMAGING.
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			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
1322	Kamai	Gariasekaran	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
4507	17		DISORDERS (MSD): OUR EXPERIENCE
1587	Kumar	Naresh	CAN INTRA-OPERATIVE CELL SALVAGE (IOCS) BE USED IN METASTATIC SPINE TUMOUR
1588	Kumar	Naresh	SURGERY? A SYSTEMATIC REVIEW A NOVEL METHOD OF REMOVING MALIGNANT CELLS FROM BLOOD SALVAGED DURING
1300	Kumai	Nuicsii	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		Alfred	Endochondral bone formation with induced hypertrophic cartilage
/31	Kuroda	Yutaka	New techniques using ultra-high molecular weight polyethylene tapes for the situation of bone
1004	Kuwahara	Yoshiyuki	repair in total hip arthroplasty. Wnt10b Expression And Fatty Degeneration In Supraspinatus Muscle Of The Rabbit After
1001	Rawanara	103myaki	Surgical Repair.
1650	Kwan	Karen Hoi Lam	Silver nanoparticles modulates collagen synthesis resulting in better therapeutic outcome in
			Achilles tendon healing
1278		Yuxiao	An innovative magnesium associated PLGA/TCP porous scaffold for bone regeneration
1307		Janice	Stem cells catalyze cartilage formation by neonatal articular chondrocytes 24,25-dihydroxyvitamin D3 is a bone fide vitamin D receptor agonist supporting human
1555	Lancaster	Sarah	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
1313	Lawless	Isaac	studies An improved six degree of freedom velocity-based force control method for dynamic flexibility
1313	Lawiess	isade	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
831	lee	Jong-Min	treatments for Low Back Pain. Overexpression of PTHrP-related miRNA in Human Bone Marrow Derived Stem Cells Enhances
031	LCC	Jong Will	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
1045	Loo	Sounghwan	derived from mouse iPS cells Injectable Lubricant for Prosthetic Articular Joints
1045 1092		Seunghwan Jaeyoung	Transplantation of a scaffold free cartilage tissue equivalent to physeal cartilage injury of the
1032		Jacyoung	proximal tibia in rabbit
1653	Lehner	Stefan	Anterior cruciate ligament strain in hyperflexion
	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
720	Lerf	Reto	conditions Grafting of vitamin E in highly cross-linked UHMWPE
816		Rachel W.	MicroRNA Profiling in Wear Particle Associated Osteolysis
1493		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
4 400	1:	Winasia -	Hip, Abdominal and Groin Injuries in Professional Baseball
1498		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
			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

ID 4640	Last N Subm	1st N Subm	Title
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
	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:
1322	Lovric	Vedran	A CADAVERIC STUDY Effects of Preservation Techniques on the In Vivo Response of Supercritical Fluid Treated
950	Low	Siew Leng	Allograft Bone in the Treatment of Osseous Defects 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
1679	Lowry	Conor	Geometries The profile of the cut tibia. Is resection depth, proportionately larger for smaller tibias,
1121	Lozano	Daniel	responsible for change in profile? PARATHYROID HORMONE-RELATED PROTEIN (107-111) IMPROVES THE BONE REGENERATION
1121	LOZATIO	Daniei	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		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
	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
860	MANABE	HIROAKI	injury Possible involvement of platelet-derived microparticles in pre-donated autologous blood on
			occurrences of venous thromboembolism and pulmonary thromboembolism after total joint
965	Manassero	Mathieu	arthroplasty in lower extremity FATE OF HUMAN MESENCHYMAL STEM CELLS IN ORTHOTOPIC AND ECTOPIC SITES IN MICE
1195	Mancuso	Elena	FOR BONE TISSUE-ENGINEERING Novel bioactive glasses development and biological characterisation
1704	Mandhari	Ahmed	for orthopaedic and maxillofacial applications 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
1031	Mankar	Shruti	Ti and Ti-13Nb-13 Zr alloy Nano-enabled Smart dressing for wound care
	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
1441	Marolt	Darja	osseointegration? A prospective phase II clinical trial BONE TISSUE SUBSTITUTES ENGINEERED FROM HUMAN PLURIPOTENT STEM CELLS
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ID 956	Last N Subm Marriott	1st N Subm Timothy Edward Christopher	Title 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
1521	Massa	Annamaria	range of motion after total knee arthroplasty The dual role of hypoxia on adipose derived stem cells (ASCs)
	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	lan	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
1244	McIff	Terence	vitro expansion Development of a Porcine Model of Transcutaneous Osseointegration for Weight-bearing
1117	Mechlenburg	Inger	Prosthetic Attachment Does reduced movement restrictions and use of assistive devices affect rehabilitation outcome after total Outcome
			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
939	Medvedeva	Olga	consequences in cases of the labral tear in the coxofemoral joint The role of MRI in diagnostics, outcome prognosis and defining the therapeutic tactics for case
940	Medvedeva	Olga	of aseptic necrosis of the femoral head Detecting symptoms that affect the coxofemoral osteoarthrosis development rate using the
1119	Meijer	Marrigje Floor	results of MRI-scan. Inter- and intraobserver reliability of a new low-dose stereography system for follow-up after
1122	Meijer	Marrigje Floor	revision total knee arthroplasty The influence of computer-assisted total knee arthroplasty on postoperative rotational
	•		component orientation: a qualitative and systematic review
	Meijer	Diederik	Quantification of Posterior Malleolar Fractures
	Mellema	Jos Jasper	Biomechanical Studies in Orthopaedic Surgery: Science (f)or Common Sense?
1265		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
	MINODA	MASAYA	Survivin Inhibition Induces Mitochondrial Apoptosis in Human MFH Cells
	Mirza	Ather	An Extra-articular Alternative to Treat Isolated Lunotriquetral Ligament Injuries
1471	Mirza	Ather	Multiplanar 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 b in vivo patch-clamp analysis.
1309	Miyazaki	Tatsuhiko	Development of tumor specific caffeine-potentiated 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
791	Moed	Berton Roy	Obese Patient Population 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
		,	, , , , , , , , , , , , , , , , , , , ,
	Mohaddes	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
	Moore Morapudi	Willard Anson Syam Prasad Krishna	Axial and Rotational Mal-Reduction (Golf Club Deformity) in Distal Femur Fractures PROPHYLACTIC ANTIBIOTICS FOR DENTAL PROCEDURES IN PATIENTS WITH PROSTHESES: IS
	Morapudi	Syam Prasad Krishna	THERE A NEED? A SURVEY OF 163 SURGEONS HOW THE OXFORD HIP SCORES (OHS) DIFFER IF SCORED AT 3 WEEK INTERVAL? CAN WE
	•	•	DECIDE ON INTERVENTION BASED ON THE OHS
	Morapudi	Syam Prasad Krishna	Serum Metal ion levels in Bilateral and Unilateral Metal on Metal (MoM) Stemmed Hip Arthroplasty 2 Is there a significant difference?
	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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	Last N Subm Moretti	1st N Subm Vincent	Title National Utilization Trends and Perioperative Outcomes for Total Hip Arthroplasty versus
1720	Woretti	Vincent	Hemiarthroplasty for Femoral Neck Fractures
1728	Moretti	Vincent	Patient Characteristics Affect Anatomic Location of the Femoral Artery About the Hip
	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
ļ			Callus
	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
	Mouthuy	Pierre-Alexis	An electrospun patch reinforced with a woven component for rotator cuff repair
	Müller	Sebastian Andreas	Treatment options in tendon healing following natural growth factor expression
	Mumme	Marcus	Tissue engineered nasal cartilage for the regeneration of articular cartilage in goats
	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
	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.
	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
	Narayan	Venkat	A Hindered Phenol Antioxidant Stabilized UHMWPE for Tibial Knee Inserts
	Narayan	Venkat	Toughness Changes with Radiation Dose in an Antioxidant Stabilized UHMWPE
	Nasto	Luigi Aurelio	Systemic and local genotoxic stress accelerates disc degeneration
	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
202	N.		TI D: : IM
993		Yeong Huei	Three Dimensional Morphological Characteristics of the Proximal Ulna
1468	ing	K.C. Geoffrey	Correlation between physical examination and questionnaires with radiographic parameters of
012	NI:	Cuo Vin	cam FAI Different gene expression of chondrocytes in response to immobilization and high-intensity
812	INI	Guo-Xin	, , ,
005	Nishimura	Hideki	running Effects of GSK3 inhibitor in human osteosarcoma cell lines.
	Noailly	Jerome	Exploring the link between mechanical load and cell death in the intervertebral disc: a
1/21	inuality	Jeronie	theoretical study of mechano-regulated hypermetabolism and metabolic transport
1696	Nobuyuki	Takenaka	EFFECTS OF KNEELING AFTER PCL RETAINING TOTAL KNEE ARTHROPLASTY ON
1000	ITODUYUNI	TUNCHUNG	PATELLOFEMORAL JOINT BIOMECHANICS
827	Nochi	Hitoshi	An in vivo Biomechanical Characteristics of Soft-Tissue Stiffness in Osteoarthritic Knees
021			Undergoing Posterior-Stabilized Total Knee Arthroplasty
820	Nochi	Hitoshi	The Relationships between Rotational Alignment of the Femoral Component to the Flexion
023			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
2001	* * * * * * *		patients are sitting with flexed knees
805	Nomura	Hiroki	Intraarticular reaction and secretion of inflammatory chemokines to Multi wall carbon
503		·	nanotubes
1566	OBERT	Laurent	How to enhance results of hemiarthroplsaty 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
55			analysis of the dressing content®s
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
I		al	Bone transport with a locking plate for the segmental defect of tibia
897	Oh	Chang-Wug	
	Oh Okanoue	Chang-Wug Yusuke	Intra-operative quantitative evaluation of the soft tissue tension with a new gap tensor in total
			Intra-operative quantitative evaluation of the soft tissue tension with a new gap tensor in total
1283			
1283	Okanoue	Yusuke	Intra-operative quantitative evaluation of the soft tissue tension with a new gap tensor in total hip arthroplasty Sequential change in functional anteversion and abduction angle of acetabular component
1283	Okanoue Okanoue	Yusuke	Intra-operative quantitative evaluation of the soft tissue tension with a new gap tensor in total hip arthroplasty

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Malgaeast Florous Histopochana cells Sinson Retationably between the backward arm raining and the range of motion of glenohumeral joints in patients with rotator cult face? John Mortel M	ID 021	Last N Subm	1st N Subm	Title The effects of Decomposition Using a Neval CO2 Therapy on Padioconsitivity in Human
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OSTOSARCOMA CRIST	1603	Oosterwaal	Michiel	Non-invasive assesment of three dimensional skin motion artefacts of kinematic foot models.
OSTOSARCOMA CRIST				
1288 Obusia Seij	778	Osaki	Shuhei	CHEMOSENSITIZING EFFECTS OF TELOMERASE-SPECIFIC ONCOLYTIC ADENOVIRUS IN HUMAN
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Incidence of nates recitive syndrome Incidence of Nation Incidence of N	906	OSAWA	AKI	The effect of deep knee flexion at the early postoperative stage and height of patellar on
1238 Otsuka Seij				
Lumbopacral Traston - union gedwerp-	1238	Otsuka	Seiji	
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ISS and the risk of nerve root injury with soural plate system were evaluated using cadavers.	1544	Otsuka	Seiii	
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1499 Quellette Elizabeth Anne Prophera TTCC Tears Cause Uninocarpal Instability: a Biomechanical Study	1200	Guenette	Enzabeth 7 time	
1449 Quellette Elizabeth Anne Peripheral TFCC Tears Cause Ulinocarpal Instability's Blomechanical Study	1/10/	Ouellette	Flizabeth Anne	
1415 Quellette Elizabeth Anne Outcome Study of Arthrosopic Decompression of the Lunate in Kiehock's Disease 1690 Quellette Elizabeth Anne The Incidence and Characteristics of Carpal Fractures Arising Concurrently with Distal Radius Fracture After a Fall onto an Outstretched Hand The Incidence of Scapholiunate and Lunotriquetral Ugament Tears in Distal Radius Fractures The Effect of Wirst Position and Forearm Rotation During a Fall onto an Outstretched Hand The Incidence of Scapholiunate and Lunotriquetral Ugament Tears in Distal Radius Fractures The Effect of Wirst Position and Forearm Rotation During a Fall onto an Outstretched Hand The Incidence of Scapholiunate and Lunotriquetral Ugament Tears in Distal Radius Fractures The Effect of Wirst Position and Forearm Rotation During a Fall onto an Outstretched Hand Interoseous Complex Disruption Reliably Increases Radiographic Forearm Interoseous Width Interoseous Complex Disruption Reliably Increases Radiographic Forearm Interoseous Width Interoseous Complex Disruption Reliably Increases Radiographic Forearm Interoseous Width Interoseous Complex Disruption Reliably Increases Radiographic Forearm Interoseous Width Interoseous Complex Disruption Reliably Increases Radiographic Forearm Interoseous Width Interoseous Complex Disruption Reliably Increases Radiographic Forearm Interoseous Width Interoseous Complex Disruption Reliably Interoseous Reliably				· · ·
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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
	Sollazzo	Vincenzo	Replacement. Prion proteins (PRNP and PRND) are over-expressed in osteosarcoma
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	Stadelmann	Vincent	In-vivo monitoring of bone around an infected implant.
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			The relationship between the findings of the ultrasonography and the value of the stress radiography in chronic lateral ankle instability
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1069			The relationship between the findings of the ultrasonography and the value of the stress radiography in chronic lateral ankle instability Genetically Engineered and Systemically Expressing Kusabira-Orange Transgenic Pigs as in vivo
1069 960	Takeuchi Takigami	Hrioki	The relationship between the findings of the ultrasonography and the value of the stress radiography in chronic lateral ankle instability Genetically Engineered and Systemically Expressing Kusabira-Orange Transgenic Pigs as in vivo Model to Trace Cell Recruitment after Anterior Cruciate Ligament Reconstruction Primary Total Hip Arthroplasty with a Spongy Metal Surface Acetabular Component for Hip Dysplasia
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960 890 1595 1211	Takeuchi Takigami Tamaki Tan Tanida TANIFUJI	Hrioki Iori Masashi Barry Shimei	The relationship between the findings of the ultrasonography and the value of the stress radiography in chronic lateral ankle instability Genetically Engineered and Systemically Expressing Kusabira-Orange Transgenic Pigs as in vivo Model to Trace Cell Recruitment after Anterior Cruciate Ligament Reconstruction Primary Total Hip Arthroplasty with a Spongy Metal Surface Acetabular Component for Hip Dysplasia The Posterior Condyle Thickness of Femoral Component in High-Flexion Posterior Stabilized Total Knee Arthroplasty Affected the Extension and Flexion Gap. Tandem spinal stenosis: A 926 multiracial Asian patients prevalence and risk factors analysis IL-27-producing CD14+ cells infiltrate inflamed joints of rheumatoid arthritis and regulate inflammation and chemotactic migration

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	Thakrar	Raj Ramesh	THE USE OF SYNVISC-ONE IN THE TREATMENT OF SYMPTOMS OF KNEE OSTEOARTHRITIS, A
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			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.