

# Mel S Lee

## List of Publications by Year in descending order

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136  
papers

2,277  
citations

270111

25  
h-index

325983

40  
g-index

147  
all docs

147  
docs citations

147  
times ranked

3024  
citing authors

#	ARTICLE	IF	CITATIONS
1	Aptamer selection against alpha-defensin human neutrophil peptide 1 on an integrated microfluidic system for diagnosis of periprosthetic joint infections. <i>Lab on A Chip</i> , 2022, 22, 250-261.	3.1	7
2	The 2021 Association Research Circulation Osseous Classification for Early-Stage Osteonecrosis of the Femoral Head to Computed Tomography-Based Study. <i>Journal of Arthroplasty</i> , 2022, 37, 1074-1082.	1.5	7
3	Zoledronic Acid Ameliorates the Bone Turnover Activity and Periprosthetic Bone Preservation in Cementless Total Hip Arthroplasty. <i>Pharmaceuticals</i> , 2022, 15, 420.	1.7	0
4	Decreased Ankyrin Expression Is Associated with Repressed eNOS Signaling, Cell Proliferation, and Osteogenic Differentiation in Osteonecrosis of the Femoral Head. <i>Journal of Bone and Joint Surgery - Series A</i> , 2022, 104, 2-12.	1.4	5
5	The Risk of Bleeding and Adverse Events with Clopidogrel in Elective Hip and Knee Arthroplasty Patients. <i>Journal of Clinical Medicine</i> , 2022, 11, 1754.	1.0	1
6	Impaction Bone Grafting Augmented With a Wire Coil by the Lightbulb Technique for Osteonecrosis of the Femoral Head. <i>Journal of Arthroplasty</i> , 2022, 37, 2063-2070.	1.5	3
7	Rapid antimicrobial susceptibility tests on an integrated microfluidic device for precision medicine of antibiotics. <i>Biosensors and Bioelectronics</i> , 2021, 176, 112890.	5.3	7
8	Survival Analysis of Allografting and Antiprotrusion Cage in Treating Massive Acetabular Bone Defects. <i>Journal of Arthroplasty</i> , 2021, 36, 682-687.	1.5	3
9	An automated and portable antimicrobial susceptibility testing system for urinary tract infections. <i>Lab on A Chip</i> , 2021, 21, 755-763.	3.1	5
10	When Total Joint Arthroplasty After Septic Arthritis Can Be Safely Performed. <i>JBJS Open Access</i> , 2021, 6, .	0.8	3
11	ARCO Consensus on the Pathogenesis of Non-traumatic Osteonecrosis of the Femoral Head. <i>Journal of Korean Medical Science</i> , 2021, 36, e65.	1.1	46
12	Osteonecrosis of the Femoral Head: an Updated Review of ARCO on Pathogenesis, Staging and Treatment. <i>Journal of Korean Medical Science</i> , 2021, 36, e177.	1.1	64
13	Automatic Hip Detection in Anteroposterior Pelvic Radiographs—A Labelless Practical Framework. <i>Journal of Personalized Medicine</i> , 2021, 11, 522.	1.1	10
14	Extracorporeal Shock Wave Enhanced Exogenous Mitochondria into Adipose-Derived Mesenchymal Stem Cells and Further Preserved Heart Function in Rat Dilated Cardiomyopathy. <i>Biomedicines</i> , 2021, 9, 1362.	1.4	2
15	Diagnosis and Treatment of Femoral Head Osteonecrosis: A Protocol for Development of Evidence-Based Clinical Practice Guidelines. <i>Surgical Technology International</i> , 2021, 38, 371-378.	0.1	0
16	Clinical information and guidance shared via a patient infotainment system can reduce hospital stay and maintain 2 medical quality for total knee arthroplasty: A single-blinded quasi-randomised controlled trial. <i>International Journal of Nursing Studies</i> , 2020, 104, 103440.	2.5	3
17	The 2019 Revised Version of Association Research Circulation Osseous Staging System of Osteonecrosis of the Femoral Head. <i>Journal of Arthroplasty</i> , 2020, 35, 933-940.	1.5	155
18	Polyethylene-Based Knee Spacer for Infection Control: Design Concept and Pre-Clinical In Vitro Validations. <i>Polymers</i> , 2020, 12, 2334.	2.0	4

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19	Reduced effects of cardiac extracorporeal shock wave therapy on angiogenesis and myocardial function recovery in patients with end-stage coronary artery and renal diseases. Biomedical Journal, 2020, , .	1.4	1
20	Dipeptidyl Peptidase-4 deficiency effectively protects the brain and neurological function in rodent after acute Hemorrhagic Stroke. International Journal of Biological Sciences, 2020, 16, 3116-3132.	2.6	4
21	Baseline factors identified for the prediction of good responders in patients with end-stage diffuse coronary artery disease undergoing intracoronary CD34+ cell therapy. Stem Cell Research and Therapy, 2020, 11, 324.	2.4	2
22	Rapid diagnosis of periprosthetic joint infection from synovial fluid in blood culture bottles by direct matrix-assisted laser desorption ionization time-of-flight mass spectrometry. PLoS ONE, 2020, 15, e0239290.	1.1	6
23	Does preoperative dipyridamole-thallium scanning reduce 90-day cardiac complications and 1-year mortality in patients with femoral neck fractures undergoing hemiarthroplasty?. Journal of Orthopaedic Surgery and Research, 2020, 15, 385.	0.9	0
24	Determining Diagnostic Thresholds for Acute Postoperative Periprosthetic Joint Infection. Journal of Bone and Joint Surgery - Series A, 2020, 102, 2043-2048.	1.4	16
25	An Integrated Microfluidic System for Fast Isolation of Bacteria in Human Whole Blood for Diagnosis of Sepsis. , 2020, , .		0
26	Monitoring and Assessment of Rehabilitation Progress on Range of Motion After Total Knee Replacement by Sensor-Based System. Sensors, 2020, 20, 1703.	2.1	18
27	The effects of bone-substitute augmentation on treatment of osteoporotic intertrochanteric fractures. Biomedical Journal, 2020, 44, 717-726.	1.4	6
28	Intravenous administration of iPSâ€MSC<sup>SPIONs</sup> mobilized into CKD parenchyma and effectively preserved residual renal function in CKD rat. Journal of Cellular and Molecular Medicine, 2020, 24, 3593-3610.	1.6	27
29	Use of Antimicrobial-Impregnated Incise Drapes to Prevent Periprosthetic Joint Infection in Primary Total Joint Arthroplasty: A Retrospective Analysis of 9774 Cases. Journal of Arthroplasty, 2020, 35, 1686-1691.	1.5	6
30	Intracoronary Injection of Autologous CD34+ Cells Improves One-Year Left Ventricular Systolic Function in Patients with Diffuse Coronary Artery Disease and Preserved Cardiac Performanceâ€”A Randomized, Open-Label, Controlled Phase II Clinical Trial. Journal of Clinical Medicine, 2020, 9, 1043.	1.0	5
31	Early intramyocardial implantation of exogenous mitochondria effectively preserved left ventricular function in doxorubicin-induced dilated cardiomyopathy rat. American Journal of Translational Research (discontinued), 2020, 12, 4612-4627.	0.0	3
32	Title is missing!. , 2020, 15, e0239290.		0
33	Title is missing!. , 2020, 15, e0239290.		0
34	Title is missing!. , 2020, 15, e0239290.		0
35	Title is missing!. , 2020, 15, e0239290.		0
36	Title is missing!. , 2020, 15, e0239290.		0

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37	Title is missing!. , 2020, 15, e0239290.		0
38	Mechanical failure of articulating polymethylmethacrylate (PMMA) spacers in two-stage revision hip arthroplasty: the risk factors and the impact on interim function. BMC Musculoskeletal Disorders, 2019, 20, 372.	0.8	19
39	An integrated microfluidic system for antimicrobial susceptibility testing with antibiotic combination. Lab on A Chip, 2019, 19, 2699-2708.	3.1	29
40	Early Recovery of Exercise-Related Muscular Injury by HBOT. BioMed Research International, 2019, 2019, 1-10.	0.9	11
41	Treatment of cam-type femoroacetabular impingement using anterolateral mini-open and arthroscopic osteochondroplasty. Journal of Orthopaedic Surgery and Research, 2019, 14, 222.	0.9	11
42	A Portable, Automatic Microfluidic System for Rapid Personalized Antibiotic Screening. , 2019, , .		0
43	Results of Conversion from Failed Austin-Moore Hemiarthroplasty to Cementless Total Hip Arthroplasty in Octogenarian Patients with Advanced Acetabular Erosion: A Minimum of 5 Years of Follow-Up. BioMed Research International, 2019, 2019, 1-6.	0.9	2
44	Short-interval exposure to ambient fine particulate matter (PM2.5) exacerbates the susceptibility of pulmonary damage in setting of lung ischemia-reperfusion injury in rodent: Pharmacomodulation of melatonin. Biomedicine and Pharmacotherapy, 2019, 113, 108737.	2.5	19
45	Risk of Venous Thromboembolic Events in Patients with Osteonecrosis of the Femoral Head Undergoing Primary Hip Arthroplasty. Journal of Clinical Medicine, 2019, 8, 2158.	1.0	2
46	Extracorporeal shock wave-assisted adipose-derived fresh stromal vascular fraction restores the blood flow of critical limb ischemia in rat. Vascular Pharmacology, 2019, 113, 57-69.	1.0	6
47	Sitagliptin and shock wave-supported peripheral blood derived endothelial progenitor cell therapy effectively preserves residual renal function in chronic kidney disease in ratâ€”role of dipeptidyl peptidase 4 inhibition. Biomedicine and Pharmacotherapy, 2019, 111, 1088-1102.	2.5	12
48	Hip and Knee Section, What is the Definition of a Periprosthetic Joint Infection (PJI) of the Knee and the Hip? Can the Same Criteria be Used for Both Joints?: Proceedings of International Consensus on Orthopedic Infections. Journal of Arthroplasty, 2019, 34, S325-S327.	1.5	161
49	Etiologic Classification Criteria of ARCO on Femoral Head Osteonecrosis Part 1: Glucocorticoid-Associated Osteonecrosis. Journal of Arthroplasty, 2019, 34, 163-168.e1.	1.5	79
50	Etiologic Classification Criteria of ARCO on Femoral Head Osteonecrosis Part 2: Alcohol-Associated Osteonecrosis. Journal of Arthroplasty, 2019, 34, 169-174.e1.	1.5	51
51	The Five-Year Clinical and Angiographic Follow-Up Outcomes of Intracoronary Transfusion of Circulation-Derived CD34+ Cells for Patients With End-Stage Diffuse Coronary Artery Disease Unsuitable for Coronary Interventionâ€”Phase I Clinical Trial. Critical Care Medicine, 2018, 46, e411-e418.	0.4	26
52	An integrated microfluidic system using mannose-binding lectin for bacteria isolation and biofilm-related gene detection. Microfluidics and Nanofluidics, 2018, 22, 1.	1.0	7
53	MicroRNA-mediated interacting circuits predict hypoxia and inhibited osteogenesis of stem cells, and dysregulated angiogenesis are involved in osteonecrosis of the femoral head. International Orthopaedics, 2018, 42, 1605-1614.	0.9	20
54	Nationwide study on the risk of unprovoked venous thromboembolism in non-traumatic osteonecrosis of femoral head. International Orthopaedics, 2018, 42, 1469-1478.	0.9	8

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55	Cardiovascular and Cerebrovascular Events Are Associated With Nontraumatic Osteonecrosis of the Femoral Head. <i>Clinical Orthopaedics and Related Research</i> , 2018, 476, 865-874.	0.7	16
56	An Integrated Microfluidic System for Bacteria Identification from Human Joint Fluids. , 2018, , .		0
57	Extracorporeal Shock Wave-Supported Adipose-Derived Fresh Stromal Vascular Fraction Preserved Left Ventricular (LV) Function and Inhibited LV Remodeling in Acute Myocardial Infarction in Rat. <i>Oxidative Medicine and Cellular Longevity</i> , 2018, 2018, 1-22.	1.9	10
58	Shock Wave Therapy Enhances Mitochondrial Delivery into Target Cells and Protects against Acute Respiratory Distress Syndrome. <i>Mediators of Inflammation</i> , 2018, 2018, 1-16.	1.4	6
59	Analysis of the 72-h Mortality of Emergency Room Septic Patients Based on a Deep Belief Network. <i>IEEE Access</i> , 2018, 6, 76820-76830.	2.6	6
60	Intravenous tranexamic acid use in revision total joint arthroplasty: a meta-analysis. <i>Drug Design, Development and Therapy</i> , 2018, Volume 12, 3163-3170.	2.0	19
61	Increased circulating endothelial progenitor cells and improved short-term outcomes in acute non-cardioembolic stroke after hyperbaric oxygen therapy. <i>Journal of Translational Medicine</i> , 2018, 16, 255.	1.8	10
62	Temporal Change of Interleukin-6, C-Reactive Protein, and Skin Temperature after Total Knee Arthroplasty Using Triclosan-Coated Sutures. <i>BioMed Research International</i> , 2018, 2018, 1-9.	0.9	14
63	Correlation between Therapeutic Efficacy of CD34+ Cell Treatment and Directed In Vivo Angiogenesis in Patients with End-Stage Diffuse Coronary Artery Disease. <i>Stem Cells International</i> , 2018, 2018, 1-8.	1.2	1
64	Structural and Morselized Allografting Combined with a Cementless Cup for Acetabular Defects in Revision Total Hip Arthroplasty: A 4- to 14-Year Follow-Up. <i>BioMed Research International</i> , 2018, 2018, 1-7.	0.9	7
65	No Difference in Morbidity and Mortality After Total Joint Arthroplasty in Liver Transplant Recipients: A Propensity Score-Matched Analysis of a Nationwide, Population-Based Study Using Universal Healthcare Data. <i>Journal of Arthroplasty</i> , 2018, 33, 3147-3152.e1.	1.5	5
66	Automatic and rapid antimicrobial susceptibility test on an integrated microfluidic device. , 2018, , .		1
67	Chronic Kidney Disease Is an Independent Risk Factor for Transfusion, Cardiovascular Complication, and Thirty-Day Readmission in Minimally Invasive Total Knee Arthroplasty. <i>Journal of Arthroplasty</i> , 2017, 32, 1630-1634.	1.5	34
68	Histone demethylase UTX counteracts glucocorticoid deregulation of osteogenesis by modulating histone-dependent and -independent pathways. <i>Journal of Molecular Medicine</i> , 2017, 95, 499-512.	1.7	10
69	Vancomycin-resistant gene identification from live bacteria on an integrated microfluidic system by using low temperature lysis and loop-mediated isothermal amplification. <i>Biomicrofluidics</i> , 2017, 11, 024101.	1.2	8
70	A microfluidic device for antimicrobial susceptibility testing of combined antibiotics by using broth dilution method. , 2017, , .		0
71	An integrated microfluidic system for live bacteria detection from human joint fluid samples by using ethidium monoazide and loop-mediated isothermal amplification. <i>Microfluidics and Nanofluidics</i> , 2017, 21, 1.	1.0	13
72	MicroRNA-29a Counteracts Synovitis in Knee Osteoarthritis Pathogenesis by Targeting VEGF. <i>Scientific Reports</i> , 2017, 7, 3584.	1.6	47

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73	Bone turnover and periprosthetic bone loss after cementless total hip arthroplasty can be restored by zoledronic acid: a prospective, randomized, open-label, controlled trial. <i>BMC Musculoskeletal Disorders</i> , 2017, 18, 209.	0.8	25
74	Subchondral mesenchymal stem cells from osteoarthritic knees display high osteogenic differentiation capacity through microRNA-29a regulation of HDAC4. <i>Journal of Molecular Medicine</i> , 2017, 95, 1327-1340.	1.7	17
75	A 6 to 10 Years Follow-Up Study Comparing Two-incision Total Hip Arthroplasties in Patients with Osteonecrosis of the Femoral Head or Hip Dysplasia. <i>The Journal of Hip Surgery</i> , 2017, 01, 033-037.	0.1	0
76	Risks of Factor V rs6020 or Methylenetetrahydrofolate Reductase rs12121543 Polymorphism with Hyperhomocysteinemia in the Development of Osteonecrosis of the Femoral Head. <i>The Journal of Hip Surgery</i> , 2017, 01, 061-066.	0.1	5
77	The risk factors of failed reimplantation arthroplasty for periprosthetic hip infection. <i>BMC Musculoskeletal Disorders</i> , 2017, 18, 255.	0.8	38
78	A microfluidic device for antimicrobial susceptibility testing based on a broth dilution method. <i>Biosensors and Bioelectronics</i> , 2017, 87, 669-678.	5.3	68
79	Rapid identification of pathogens responsible for necrotizing fasciitis on an integrated microfluidic system. <i>Biomicrofluidics</i> , 2017, 11, 064108.	1.2	2
80	Isolated revision of the acetabular component using alumina-on-alumina bearings without a metal sleeve: A preliminary study. <i>Journal of Orthopaedic Surgery</i> , 2017, 25, 230949901772104.	0.4	3
81	AQUACELÂ® Ag Surgical Dressing Reduces Surgical Site Infection and Improves Patient Satisfaction in Minimally Invasive Total Knee Arthroplasty: A Prospective, Randomized, Controlled Study. <i>BioMed Research International</i> , 2017, 2017, 1-8.	0.9	26
82	Surgical Approach May Influence Survival of Large-Diameter Head Metal-on-Metal Total Hip Arthroplasty: A 6- to 10-Year Follow-Up Study. <i>BioMed Research International</i> , 2017, 2017, 1-7.	0.9	2
83	A 10-Year Follow-Up of Two-Incision and Modified Watson-Jones Total Hip Arthroplasty in Patients with Osteonecrosis of the Femoral Head. <i>BioMed Research International</i> , 2017, 2017, 1-7.	0.9	2
84	Staphylococcus aureus biofilm elicits the expansion, activation and polarization of myeloid-derived suppressor cells in vivo and in vitro. <i>PLoS ONE</i> , 2017, 12, e0183271.	1.1	45
85	Daptomycin treatment in patients with resistant staphylococcal periprosthetic joint infection. <i>BMC Infectious Diseases</i> , 2017, 17, 736.	1.3	22
86	Xenogeneic human umbilical cord-derived mesenchymal stem cells reduce mortality in rats with acute respiratory distress syndrome complicated by sepsis. <i>Oncotarget</i> , 2017, 8, 45626-45642.	0.8	40
87	Investigated the safety of intra-renal arterial transfusion of autologous CD34+ cells and time courses of creatinine levels, endothelial dysfunction biomarkers and micro-RNAs in chronic kidney disease patients-phase I clinical trial. <i>Oncotarget</i> , 2017, 8, 17750-17762.	0.8	31
88	Melatonin treatment enhances therapeutic effects of exosomes against acute liver ischemia-reperfusion injury. <i>American Journal of Translational Research (discontinued)</i> , 2017, 9, 1543-1560.	0.0	30
89	Exendin-4-assisted adipose derived mesenchymal stem cell therapy protects renal function against co-existing acute kidney ischemia-reperfusion injury and severe sepsis syndrome in rat. <i>American Journal of Translational Research (discontinued)</i> , 2017, 9, 3167-3183.	0.0	14
90	Therapeutic effect of rosuvastatin and propylthiouracil on ameliorating high-cholesterol diet-induced fatty liver disease, fibrosis and inflammation in rabbit. <i>American Journal of Translational Research (discontinued)</i> , 2017, 9, 3827-3841.	0.0	3

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91	Extracorporeal shock wave therapy effectively protects brain against chronic cerebral hypo-perfusion-induced neuropathological changes. American Journal of Translational Research (discontinued), 2017, 9, 5074-5093.	0.0	4
92	Shock Wave Therapy Enhances Angiogenesis through VEGFR2 Activation and Recycling. Molecular Medicine, 2016, 22, 850-862.	1.9	24
93	Distribution of Fatal Vibrio Vulnificus Necrotizing Skin and Soft-Tissue Infections. Medicine (United Tj ETQq1 1 0.784314 rgBT /Overland	0.4	36
94	Melatonin pretreatment enhances the therapeutic effects of exogenous mitochondria against hepatic ischemia-reperfusion injury in rats through suppression of mitochondrial permeability transition. Journal of Pineal Research, 2016, 61, 52-68.	3.4	70
95	A self-driven microfluidic chip through a rapid surface modification of PDMS and its application for digital loop-mediated amplification (LAMP). , 2016, , .		2
96	The outcome of unstable proximal femoral fracture treated with reverse LISS plates. Injury, 2016, 47, 2161-2168.	0.7	11
97	Total knee arthroplasty in patients with Ranawat type-II valgus arthritic knee with a marked coronal femoral bowing deformity: comparison between computer-assisted surgery and intra-articular resection. Journal of Orthopaedic Surgery and Research, 2016, 11, 88.	0.9	14
98	Effects of teriparatide on cementless bipolar hemiarthroplasty in patients with osteoporotic femoral neck fractures. BMC Musculoskeletal Disorders, 2016, 17, 300.	0.8	11
99	Improved femoral component rotation in advanced genu valgum deformity using computer-assisted measured resection total knee arthroplasty. Journal of Orthopaedic Surgery and Research, 2015, 10, 135.	0.9	8
100	Methicillin-resistant Staphylococcal periprosthetic joint infections can be effectively controlled by systemic and local daptomycin. BMC Infectious Diseases, 2015, 16, 48.	1.3	13
101	Outcomes and second-look arthroscopic evaluation after combined arthroscopic treatment of tibial plateau and tibial eminence avulsion fractures: a 5-year minimal follow-up. BMC Musculoskeletal Disorders, 2015, 16, 311.	0.8	5
102	Medial Calcar Support and Radiographic Outcomes of Plate Fixation for Proximal Humeral Fractures. BioMed Research International, 2015, 2015, 1-8.	0.9	9
103	Analgesic Effects of Intra-Articular Bupivacaine/Intravenous Parecoxib Combination Therapy versus Intravenous Parecoxib Monotherapy in Patients Receiving Total Knee Arthroplasty: A Randomized, Double-Blind Trial. BioMed Research International, 2015, 2015, 1-5.	0.9	8
104	Effect of Teriparatide on Unstable Petrochanteric Fractures. BioMed Research International, 2015, 2015, 1-8.	0.9	19
105	Recovery of Posture Stability at Different Foot Placements in Patients Who Underwent Minimally Invasive Total Hip Arthroplasty: A One-Year Follow-Up Study. BioMed Research International, 2015, 2015, 1-10.	0.9	9
106	Model for End-Stage Liver Disease (MELD) Score as a Predictor and Monitor of Mortality in Patients with Vibrio vulnificus Necrotizing Skin and Soft Tissue Infections. PLoS Neglected Tropical Diseases, 2015, 9, e0003720.	1.3	8
107	Medication Use Patterns, Treatment Satisfaction, and Inadequate Control of Osteoporosis Study in the Asia-Pacific Region (MUSIC OS-AP): Design of a multinational, prospective, observational study examining the impact of gastrointestinal events on osteoporosis management in postmenopausal women. Bone Reports. 2015. 3. 61-66.	0.2	3
108	The Influence of Alignment on Midterm Outcome after Total Knee Arthroplasty in Patients With Marked Coronal Femoral Bowing. Journal of Arthroplasty, 2015, 30, 1531-1536.	1.5	17



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109	Rapid detection and typing of live bacteria from human joint fluid samples by utilizing an integrated microfluidic system. <i>Biosensors and Bioelectronics</i> , 2015, 66, 148-154.	5.3	42
110	Injectable synthetic bone graft substitute combined with core decompression in the treatment of advanced osteonecrosis of the femoral head: A 5-year follow-up. <i>Biomedical Journal</i> , 2015, 38, 257.	1.4	18
111	The relationship between health-related fitness and quality of life in postmenopausal women from Southern Taiwan. <i>Clinical Interventions in Aging</i> , 2014, 9, 1573.	1.3	18
112	Single Nucleotide Polymorphisms Other than Factor V Leiden Are Associated with Coagulopathy and Osteonecrosis of the Femoral Head in Chinese Patients. <i>PLoS ONE</i> , 2014, 9, e104461.	1.1	15
113	An integrated microfluidic system for rapid detection and typing of live bacteria from human joint fluidic samples. , 2014, , .		0
114	The benefits of computer-assisted total knee arthroplasty on coronal alignment with marked femoral bowing in Asian patients. <i>Journal of Orthopaedic Surgery and Research</i> , 2014, 9, 122.	0.9	29
115	Hyperbaric oxygen promotes osteogenic differentiation of bone marrow stromal cells by regulating Wnt3a/ $\beta$ 2-catenin signalingâ€”An in vitro and in vivo study. <i>Stem Cell Research</i> , 2014, 12, 260-274.	0.3	24
116	Risk Analysis for Second Hip Fracture in Patients After Hip Fracture Surgery: A Nationwide Population-Based Study. <i>Journal of the American Medical Directors Association</i> , 2014, 15, 725-731.	1.2	40
117	Rapid isolation and diagnosis of live bacteria from human joint fluids by using an integrated microfluidic system. <i>Lab on A Chip</i> , 2014, 14, 3376-3384.	3.1	27
118	An integrated microfluidic system for rapid isolation and detection of live bacteria in periprosthetic joint infections. , 2014, , .		1
119	Computed Tomography Evaluation in Total Knee Arthroplasty: Computer-Assisted Navigation Versus Conventional Instrumentation in Patients With Advanced Valgus Arthritic Knees. <i>Journal of Arthroplasty</i> , 2014, 29, 2363-2368.	1.5	18
120	Intra-Articular Bupivacaine Reduces Postoperative Pain and Meperidine Use After Total Hip Arthroplasty: A Randomized, Double-Blind Study. <i>Journal of Arthroplasty</i> , 2014, 29, 2457-2461.	1.5	22
121	Molecular Diagnosis of Periprosthetic Joint Infection by Quantitative RT-PCR of Bacterial 16S Ribosomal RNA. <i>Scientific World Journal, The</i> , 2013, 2013, 1-4.	0.8	14
122	Periprosthetic Joint Infection: Clinical and Bench. <i>Scientific World Journal, The</i> , 2013, 2013, 1-1.	0.8	0
123	Two-incision versus modified Watson-Jones total hip arthroplasty in the same patients-- a prospective study of clinical outcomes and patient preferences. <i>Biomedical Journal</i> , 2012, 35, 54.	1.4	4
124	Use of Positron Emission Tomography to Detect Infection Around Antibiotic-loaded Cement Spacers in Patients With High C-Reactive Protein Levels. <i>Orthopedics</i> , 2011, 34, e605-9.	0.5	8
125	Non-traumatic osteonecrosis of the femoral head - from clinical to bench. <i>Chang Gung Medical Journal</i> , 2010, 33, 351-60.	0.7	24
126	Vascularized Iliac Bone-Grafting for Osteonecrosis with Segmental Collapse of the Femoral Head. <i>Journal of Bone and Joint Surgery - Series A</i> , 2009, 91, 2390-2394.	1.4	60



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127	Comparison of Clinical Outcome in Primary Total Hip Arthroplasty by Conventional Anterolateral Transgluteal or 2-Incision Approach. <i>Journal of Arthroplasty</i> , 2009, 24, 528-532.	1.5	29
128	Evaluation of differentially expressed genes by shear stress in human osteoarthritic chondrocytes in vitro. <i>Chang Gung Medical Journal</i> , 2009, 32, 42-50.	0.7	11
129	The Position of the Bipolar Cup Reflects the Direction of the Hip Contact Force Acting on It. <i>Journal of Arthroplasty</i> , 2007, 22, 189-194.	1.5	4
130	The effect of necrotic lesion size and rotational degree on the stress reduction in transtrochanteric rotational osteotomy for femoral head osteonecrosis – a three-dimensional finite-element simulation. <i>Clinical Biomechanics</i> , 2006, 21, 969-976.	0.5	19
131	Two-Stage Revision Hip Arthroplasty for Infection with a Custom-Made, Antibiotic-Loaded, Cement Prosthesis as an Interim Spacer. <i>Journal of Trauma</i> , 2004, 56, 1247-1252.	2.3	89
132	Efficacy of Transtrochanteric Rotational Osteotomy in Osteonecrosis of the Femoral Head Evaluated by Computer Simulation(Orthopaedic Biomechanics). <i>The Proceedings of the Asian Pacific Conference on Biomechanics Emerging Science and Technology in Biomechanics</i> , 2004, 2004.1, 177-178.	0.0	0
133	The Biomechanical Study of A Modified Intertrochanteric Valgus Osteotomy(Orthopaedic) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 and Technology in Biomechanics, 2004, 2004.1, 179-180.	0.0	0
134	Conditions before collapse of the contralateral hip in osteonecrosis of the femoral head. <i>Chang Gung Medical Journal</i> , 2002, 25, 228-37.	0.7	13
135	Signal transduction pathways and apoptosis in bacteria infected chondrocytes. <i>Journal of Orthopaedic Research</i> , 2001, 19, 696-702.	1.2	10
136	Diagnosis and Treatment of Femoral Head Osteonecrosis: A Protocol for Development of Evidence-Based Clinical Practice Guidelines. <i>Surgical Technology International</i> , 0, , .	0.1	0