

Joshua J Jacobs

List of Publications by Year in descending order

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Version: 2024-02-01

240
papers

21,025
citations

5574

82
h-index

10157

140
g-index

244
all docs

244
docs citations

244
times ranked

10638
citing authors

#	ARTICLE	IF	CITATIONS
1	Optimal surgical component alignment minimizes TKR wear – An in silico study with nine alignment parameters. <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , 2022, 125, 104939.	3.1	2
2	Microstructure and Electrochemical Behavior of Contemporary Ti6Al4V Implant Alloys. <i>Journal of Bio- and Tribo-Corrosion</i> , 2022, 8, 1.	2.6	3
3	Multi-Site Observational Study to Assess Biomarkers for Susceptibility or Resilience to Chronic Pain: The Acute to Chronic Pain Signatures (A2CPS) Study Protocol. <i>Frontiers in Medicine</i> , 2022, 9, 849214.	2.6	4
4	Comparison of Bone Turnover Biomarkers in Serum and Urine Measured on an Automated Analytical Platform. <i>Journal of applied laboratory medicine</i> , The, 2021, 6, 750-755.	1.3	0
5	Augmented Reality in Orthopedic Practice and Education. <i>Orthopedic Clinics of North America</i> , 2021, 52, 15-26.	1.2	17
6	Are Damage Modes Related to Microstructure and Material Loss in Severely Damaged CoCrMo Femoral Heads?. <i>Clinical Orthopaedics and Related Research</i> , 2021, 479, 2083-2096.	1.5	13
7	Metal-induced delayed type hypersensitivity responses potentiate particle induced osteolysis in a sex and age dependent manner. <i>PLoS ONE</i> , 2021, 16, e0251885.	2.5	9
8	Fretting-corrosion in hip taper modular junctions: The influence of topography and pH levels – An in-vitro study. <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , 2021, 118, 104443.	3.1	13
9	Simultaneous Characterization of Implant Wear and Tribocorrosion Debris within its Corresponding Tissue Response Using Infrared Chemical Imaging. <i>Biotribology</i> , 2021, 26, 100163.	1.9	5
10	Early outcomes of a modern cemented total knee arthroplasty. <i>Bone and Joint Journal</i> , 2021, 103-B, 51-58.	4.4	3
11	COVID-19 (SARS-CoV-2) lymphocyte responses are associated with inflammatory biomarkers in total joint replacement surgery candidates pre-operatively. <i>Journal of Orthopaedic Surgery and Research</i> , 2021, 16, 415.	2.3	0
12	The role of Vitamin E in hip implant-related corrosion and toxicity: Initial outcome. <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , 2021, 123, 104769.	3.1	0
13	Risk Stratification Algorithm for Management of Head-Neck Taper Tribocorrosion in Patients with Metal-on-Polyethylene Total Hip Arthroplasty. <i>Journal of Bone and Joint Surgery - Series A</i> , 2021, 103, e18.	3.0	9
14	Fourier transform infrared spectroscopic imaging of wear and corrosion products within joint capsule tissue from total hip replacements patients. <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , 2020, 108, 513-526.	3.4	10
15	Do Battlefield Injury-acquired Indwelling Metal Fragments Induce Metal Immunogenicity?. <i>Clinical Orthopaedics and Related Research</i> , 2020, 478, 752-766.	1.5	2
16	Echocardiographic Changes in the Context of Metal-on-Metal Versus Nonmetal-on-Metal Total Hip Arthroplasty. <i>Journal of Arthroplasty</i> , 2020, 35, 3230-3236.e3.	3.1	2
17	Adverse Local Tissue Reaction due to Mechanically Assisted Crevice Corrosion Presenting as Late Instability Following Metal-on-Polyethylene Total Hip Arthroplasty. <i>Journal of Arthroplasty</i> , 2020, 35, 2666-2670.	3.1	14
18	Standardizing terms for tribocorrosion-associated adverse local tissue reaction in total hip arthroplasty. <i>Arthroplasty Today</i> , 2020, 6, 196-200.	1.6	21

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19	Joint line elevation and tibial slope are associated with increased polyethylene wear in cruciate-retaining total knee replacement. Journal of Orthopaedic Research, 2020, 38, 1596-1606.	2.3	17
20	Backside wear of tibial polyethylene components is affected by gait pattern: A knee simulator study using rare earth tracer technology. Journal of Orthopaedic Research, 2020, 38, 1607-1616.	2.3	6
21	Can a gait-dependent model predict wear on retrieved total knee arthroplasty components?. Bone and Joint Journal, 2020, 102-B, 129-137.	4.4	3
22	Modelling changes in modular taper micromechanics due to surgeon assembly technique in total hip arthroplasty. Bone and Joint Journal, 2020, 102-B, 33-40.	4.4	12
23	The Hip Society Supplement 2020. Bone and Joint Journal, 2020, 102-B, 1-2.	4.4	1
24	Orthopedic Applications. , 2020, , 1079-1118.		10
25	What Surgeons Need to Know About Adverse Local Tissue Reaction in Total Hip Arthroplasty. Journal of Arthroplasty, 2020, 35, S55-S59.	3.1	33
26	High Failure at a Minimum 5-Year Follow-Up in Primary Total Hip Arthroplasty Using a Modular Femoral Trunnion. Journal of Arthroplasty, 2019, 34, 1395-1399.	3.1	5
27	Personality Assessment in Orthopaedic Surgery. Journal of Bone and Joint Surgery - Series A, 2019, 101, e13.	3.0	12
28	Transition from metal-DTH resistance to susceptibility is facilitated by NLRP3 inflammasome signaling induced Th17 reactivity: Implications for orthopedic implants. PLoS ONE, 2019, 14, e0210336.	2.5	15
29	Metal wear particles in hematopoietic marrow of the axial skeleton in patients with prior revision for mechanical failure of a hip or knee arthroplasty. Journal of Biomedical Materials Research - Part B Applied Biomaterials, 2019, 107, 1930-1936.	3.4	14
30	Diagnosing Taper Corrosion: When Is It the Taper and When Is It Something Else?. Journal of Arthroplasty, 2018, 33, 2712-2715.	3.1	14
31	Risk Adjustment Is Necessary in Medicare Bundled Payment Models for Total Hip and Knee Arthroplasty. Journal of Arthroplasty, 2018, 33, 2368-2375.	3.1	56
32	What Factors Drive Taper Corrosion?. Journal of Arthroplasty, 2018, 33, 2707-2711.	3.1	49
33	Systemic and local toxicity of metal debris released from hip prostheses: A review of experimental approaches. Nanomedicine: Nanotechnology, Biology, and Medicine, 2018, 14, 951-963.	3.3	109
34	In vitro simulation of fretting-corrosion in hip implant modular junctions: The influence of pH. Medical Engineering and Physics, 2018, 52, 1-9.	1.7	24
35	Mechanical, chemical and biological damage modes within head-neck tapers of CoCrMo and Ti6Al4V contemporary hip replacements. Journal of Biomedical Materials Research - Part B Applied Biomaterials, 2018, 106, 1672-1685.	3.4	68
36	SMART Biosensor for Early Diagnostic Detection of Metal Ion Release in Orthopedic Patients: Initial Outcome. Journal of Bio- and Tribo-Corrosion, 2018, 4, 1.	2.6	5

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37	Discovery of biomarkers to identify peri-implant osteolysis before radiographic diagnosis. Journal of Orthopaedic Research, 2018, 36, 2754-2761.	2.3	13
38	Imprinting and Column Damage on CoCrMo Head Taper Surfaces in Total Hip Replacements. , 2018, , 131-155.		5
39	CoCrMo alloy vs. UHMWPE Particulate Implant Debris Induces Sex Dependent Aseptic Osteolysis Responses In Vivo using a Murine Model. The Open Orthopaedics Journal, 2018, 12, 115-124.	0.2	7
40	Adverse Local Tissue Reaction After a Metal-on-Metal Total Hip Prosthesis Without Elevated Serum Metal Ion Levels. Orthopedics, 2018, 41, e438-e441.	1.1	8
41	Chromium and Nickel Concentrations in Subjects with a Stainless Steel Metal-on-Metal Cervical Disc Arthroplasty: Results from a Prospective Longitudinal Study with 7 Years Follow-Up. International Journal of Spine Surgery, 2018, 12, 5055.	1.5	4
42	Nanoscale surface modification by anodic oxidation increased bone ingrowth and reduced fibrous tissue in the porous coating of titanium-alloy femoral hip arthroplasty implants. Journal of Biomedical Materials Research - Part B Applied Biomaterials, 2017, 105, 283-290.	3.4	29
43	Aseptic Lymphocytic-Dominated Vasculitis-Associated Lesions Scores Do Not Correlate With Metal Ion Levels or Unreadable Synovial Fluid White Blood Cell Counts. Journal of Arthroplasty, 2017, 32, 1340-1343.	3.1	5
44	Females with Unexplained Joint Pain Following Total Joint Arthroplasty Exhibit a Higher Rate and Severity of Hypersensitivity to Implant Metals Compared with Males. Journal of Bone and Joint Surgery - Series A, 2017, 99, 621-628.	3.0	46
45	Serum Metal Levels for Diagnosis of Adverse Local Tissue Reactions Secondary to Corrosion in Metal-on-Polyethylene Total Hip Arthroplasty. Journal of Arthroplasty, 2017, 32, S272-S277.	3.1	57
46	Hypersensitivity: "Doc, Am I Allergic to My Implant?" Seminars in Arthroplasty, 2017, 28, 53-57.	0.7	2
47	Alloy Microstructure Dictates Corrosion Modes in THA Modular Junctions. Clinical Orthopaedics and Related Research, 2017, 475, 3026-3043.	1.5	37
48	Serum Metal Concentrations in Patients With Titanium Ceramic Composite Cervical Disc Replacements. Spine, 2017, 42, 366-371.	2.0	14
49	TLR4 (not TLR2) dominate cognate TLR activity associated with CoCrMo implant particles. Journal of Orthopaedic Research, 2017, 35, 1007-1017.	2.3	14
50	Chemokines Associated with Pathologic Responses to Orthopedic Implant Debris. Frontiers in Endocrinology, 2017, 8, 5.	3.5	69
51	Corrosion at the Modular Head-Neck Junction. , 2017, , 173-181.		0
52	A Novel Complication of the Dall-Miles Cable Grip System Mimicking Recurrent Synovial Chondromatosis. JBJS Case Connector, 2016, 6, e87.	0.3	3
53	Cobalt Alloy Implant Debris Induces Inflammation and Bone Loss Primarily through Danger Signaling, Not TLR4 Activation: Implications for DAMP-ening Implant Related Inflammation. PLoS ONE, 2016, 11, e0160141.	2.5	39
54	Corrosion at the Head-Neck Junction: Why Is This Happening Now?. Journal of Arthroplasty, 2016, 31, 1378-1380.	3.1	40

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55	Corrosion of Modular Junctions: Why Is This Happening Now?. Journal of Arthroplasty, 2016, 31, 1377.	3.1	0
56	Does Surface Topography Play a Role in Taper Damage in Head-neck Modular Junctions?. Clinical Orthopaedics and Related Research, 2016, 474, 2232-2242.	1.5	49
57	Metal Hypersensitivity and Total Knee Arthroplasty. Journal of the American Academy of Orthopaedic Surgeons, The, 2016, 24, 106-112.	2.5	81
58	Fretting-corrosion behavior in hip implant modular junctions: The influence of friction energy and pH variation. Journal of the Mechanical Behavior of Biomedical Materials, 2016, 62, 570-587.	3.1	41
59	Repair of Intraoperative Injury to the Medial Collateral Ligament During Primary Total Knee Arthroplasty. Journal of Bone and Joint Surgery - Series A, 2016, 98, 35-39.	3.0	33
60	Diagnosis and Management of Adverse Local Tissue Reactions Secondary to Corrosion at the Head-Neck Junction in Patients With Metal on Polyethylene Bearings. Journal of Arthroplasty, 2016, 31, 264-268.	3.1	158
61	Reply to Letter to the Editor: Do Complication Rates Differ by Gender After Metal-on-metal Hip Resurfacing Arthroplasty? A Systematic Review. Clinical Orthopaedics and Related Research, 2015, 473, 3983-3984.	1.5	0
62	The causes and management of hip instability: An algorithmic approach. Seminars in Arthroplasty, 2015, 26, 131-135.	0.7	0
63	Do Serologic and Synovial Tests Help Diagnose Infection in Revision Hip Arthroplasty With Metal-on-metal Bearings or Corrosion?. Clinical Orthopaedics and Related Research, 2015, 473, 498-505.	1.5	79
64	Do Complication Rates Differ by Gender After Metal-on-metal Hip Resurfacing Arthroplasty? A Systematic Review. Clinical Orthopaedics and Related Research, 2015, 473, 2521-2529.	1.5	49
65	Corrosion of Modular Junctions in Femoral and Acetabular Components for Hip Arthroplasty and Its Local and Systemic Effects. , 2015, , 410-427.		18
66	Tribocorrosion in Hip Modular Taper Junctions: Load-Triggered Transitions in Electrochemical and Mechanical Behavior. , 2015, , 283-302.		1
67	Diagnosis and Management of Adverse Local Tissue Reactions Secondary to Products of Tribocorrosion. , 2015, , 396-409.		0
68	Modern Trunnions Are More Flexible: A Mechanical Analysis of THA Taper Designs. Clinical Orthopaedics and Related Research, 2014, 472, 3963-3970.	1.5	93
69	Do Retrieval Analysis and Blood Metal Measurements Contribute to Our Understanding of Adverse Local Tissue Reactions?. Clinical Orthopaedics and Related Research, 2014, 472, 3718-3727.	1.5	41
70	The Pathology of Orthopedic Implant Failure Is Mediated by Innate Immune System Cytokines. Mediators of Inflammation, 2014, 2014, 1-9.	3.0	128
71	Intergranular pitting corrosion of CoCrMo biomedical implant alloy. Journal of Biomedical Materials Research - Part B Applied Biomaterials, 2014, 102, 850-859.	3.4	39
72	Risk Stratification Algorithm for Management of Patients with Metal-on-Metal Hip Arthroplasty. Journal of Bone and Joint Surgery - Series A, 2014, 96, e4.	3.0	143

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73	Risk Stratification Algorithm for Management of Patients with Dual Modular Taper Total Hip Arthroplasty: Consensus Statement of the American Association of Hip and Knee Surgeons, the American Academy of Orthopaedic Surgeons and the Hip Society. Journal of Arthroplasty, 2014, 29, 2060-2064.	3.1	76
74	Midterm Results of a Femoral Stem With a Modular Neck Design: Clinical Outcomes and Metal Ion Analysis. Journal of Arthroplasty, 2014, 29, 1768-1773.	3.1	38
75	AAOS Osteoarthritis Guideline: Transparency and Credibility. Arthroscopy - Journal of Arthroscopic and Related Surgery, 2014, 30, 656-658.	2.7	6
76	Benign Responses to Orthopaedic Implants: Really?. , 2014, , 135-151.		3
77	Implant Debris Particle Size Affects Serum Protein Adsorption Which May Contribute to Particle Size-Based Bioreactivity Differences. Journal of Long-Term Effects of Medical Implants, 2014, 24, 77-88.	0.7	18
78	Metal ion levels in maternal and placental blood after metal-on-metal total hip arthroplasty. American Journal of Orthopedics, 2014, 43, E304-8.	0.7	7
79	Moving Forward: From Curses to Blessings. Journal of the American Academy of Orthopaedic Surgeons, The, 2013, 21, 261-265.	2.5	1
80	CoCrMo metal-on-metal hip replacements. Physical Chemistry Chemical Physics, 2013, 15, 746-756.	2.8	124
81	Inhibition of the Wnt- β -catenin and Notch signaling pathways sensitizes osteosarcoma cells to chemotherapy. Biochemical and Biophysical Research Communications, 2013, 431, 274-279.	2.1	100
82	Do Ion Concentrations after Metal-on-Metal Hip Resurfacing Increase Over Time? A Prospective Study. Journal of Arthroplasty, 2013, 28, 695-700.	3.1	34
83	Asymptomatic prospective and retrospective cohorts with metal-on-metal hip arthroplasty indicate acquired lymphocyte reactivity varies with metal ion levels on a group basis. Journal of Orthopaedic Research, 2013, 31, 173-182.	2.3	38
84	Ten-Year Outcome of Serum Metal Ion Levels After Primary Total Hip Arthroplasty. Journal of Bone and Joint Surgery - Series A, 2013, 95, 512-518.	3.0	97
85	Adverse Local Tissue Reaction Arising from Corrosion at the Femoral Neck-Body Junction in a Dual-Taper Stem with a Cobalt-Chromium Modular Neck. Journal of Bone and Joint Surgery - Series A, 2013, 95, 865-872.	3.0	333
86	Increasing both CoCrMo alloy particle size and surface irregularity induces increased macrophage inflammasome activation in vitro potentially through lysosomal destabilization mechanisms. Journal of Orthopaedic Research, 2013, 31, 1633-1642.	2.3	90
87	Beyond the Decade: Strategic Priorities to Reduce the Burden of Musculoskeletal Disease. Journal of Bone and Joint Surgery - Series A, 2013, 95, e125.	3.0	27
88	An Important Contribution to Our Understanding of the Performance of the Current Generation of Metal-on-Metal Hip Replacements. Journal of Bone and Joint Surgery - Series A, 2013, 95, e53.	3.0	9
89	Cobalt-Alloy Implant Debris Induce HIF-1 Hypoxia Associated Responses: A Mechanism for Metal-Specific Orthopedic Implant Failure. PLoS ONE, 2013, 8, e67127.	2.5	57
90	Tribochemical Reactions in Metal-on-Metal Hip Joints Influence Wear and Corrosion. , 2013, , 292-309.		10

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91	Elevated Serum Metal Levels from Vitamin Supplementation. JBJS Case Connector, 2013, 3, e18.	0.3	2
92	Large (36 or 40-mm) Femoral Heads Decreased the Rate of Dislocation After Revision Total Hip Arthroplasty. Journal of Bone and Joint Surgery - Series A, 2012, 94, 2095.	3.0	6
93	Preventing Venous Thromboembolic Disease in Patients Undergoing Elective Total Hip and Knee Arthroplasty. Journal of Bone and Joint Surgery - Series A, 2012, 94, 673-674.	3.0	17
94	Successful Long-Term Fixation and Progression of Osteolysis Associated with First-Generation Cementless Acetabular Components Retrieved Post Mortem. Journal of Bone and Joint Surgery - Series A, 2012, 94, 1877-1885.	3.0	39
95	The Utility of MARS MRI in Patients with Metal-on-Metal Bearings. Journal of Bone and Joint Surgery - Series A, 2012, 94, e26.	3.0	7
96	American Academy of Orthopaedic Surgeons Clinical Practice Guideline on. Journal of Bone and Joint Surgery - Series A, 2012, 94, 746-747.	3.0	168
97	Corrosion at the Head-Neck Taper as a Cause for Adverse Local Tissue Reactions After Total Hip Arthroplasty. Journal of Bone and Joint Surgery - Series A, 2012, 94, 1655-1661.	3.0	527
98	Evidence-Based Understanding of Management Perils for Metal-on-Metal Hip Arthroplasty Patients. Journal of Arthroplasty, 2012, 27, 20-25.	3.1	44
99	Commentary: Total disc arthroplasty and the bearing surface debate. Spine Journal, 2012, 12, 702-704.	1.3	2
100	Biologic Implications of Taper Corrosion in Total Hip Arthroplasty. Seminars in Arthroplasty, 2012, 23, 273-278.	0.7	27
101	Wear-Corrosion Synergism in a CoCrMo Hip Bearing Alloy Is Influenced by Proteins. Clinical Orthopaedics and Related Research, 2012, 470, 3109-3117.	1.5	61
102	Surface Damage Versus Tibial Polyethylene Insert Conformity: A Retrieval Study. Clinical Orthopaedics and Related Research, 2012, 470, 1814-1825.	1.5	25
103	<i>In vivo</i> oxide-induced stress corrosion cracking of Ti-6Al-4V in a neck-stem modular taper: Emergent behavior in a new mechanism of <i>in vivo</i> corrosion. Journal of Biomedical Materials Research - Part B Applied Biomaterials, 2012, 100B, 584-594.	3.4	84
104	Evaluation and Treatment of Painful Total Hip Arthroplasties With Modular Metal Taper Junctions. Orthopedics, 2012, 35, 386-391.	1.1	21
105	In Vivo Wear of a Squeaky Alumina-on-Alumina Hip Prosthesis. Journal of Bone and Joint Surgery - Series A, 2011, 93, e27.	3.0	10
106	Early Failure of Metal-on-Metal Artificial Disc Prostheses Associated with Lymphocytic Reaction. Spine, 2011, 36, E492-E497.	2.0	92
107	Metal-on-metal articulation in total hip arthroplasty. Current Orthopaedic Practice, 2011, 22, 231-235.	0.2	3
108	Hematologic Genetic Testing in High-risk Patients Before Knee Arthroplasty: A Pilot Study. Clinical Orthopaedics and Related Research, 2011, 469, 131-137.	1.5	6

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109	Effect of europium(II) stearate on the mechanical properties and the oxidation resistance of UHMWPE. Journal of the Mechanical Behavior of Biomedical Materials, 2011, 4, 821-826.	3.1	3
110	A Multinational Assessment of Metal-on-Metal Bearings in Hip Replacement. Journal of Bone and Joint Surgery - Series A, 2011, 93, 43-47.	3.0	78
111	Preventing Venous Thromboembolic Disease in Patients Undergoing Elective Hip and Knee Arthroplasty. Journal of the American Academy of Orthopaedic Surgeons, The, 2011, 19, 768-776.	2.5	206
112	<i>In vitro</i> reactivity to implant metals demonstrates a person-dependent association with both T-cell and B-cell activation. Journal of Biomedical Materials Research - Part A, 2010, 92A, 667-682.	4.0	50
113	Soluble ions more than particulate cobalt-alloy implant debris induce monocyte costimulatory molecule expression and release of proinflammatory cytokines critical to metal-induced lymphocyte reactivity. Journal of Biomedical Materials Research - Part A, 2010, 93A, 1312-1321.	4.0	87
114	Synovial Fluid Biomarkers for Periprosthetic Infection. Clinical Orthopaedics and Related Research, 2010, 468, 2017-2023.	1.5	162
115	Cruciate-retaining TKA Using a Third-generation System with a Four-pegged Tibial Component: A Minimum 10-year Followup Note. Clinical Orthopaedics and Related Research, 2010, 468, 2160-2167.	1.5	34
116	The Evidence-Based Approach in Bringing New Orthopaedic Devices to Market*. Journal of Bone and Joint Surgery - Series A, 2010, 92, 1030-1037.	3.0	45
117	Fracture of a Modular Femoral Neck After Total Hip Arthroplasty. Journal of Bone and Joint Surgery - Series A, 2010, 92, 1518-1521.	3.0	142
118	Commentary on an article by Stephen S. Tower, MD: "Arthroprosthetic Cobaltism: Neurological and Cardiac Manifestations in Two Patients with Metal-on-Metal Arthroplasty. A Case Report" Journal of Bone and Joint Surgery - Series A, 2010, 92, e35.	3.0	7
119	Primary Total Hip Arthroplasty with a Porous-Coated Acetabular Component. Journal of Bone and Joint Surgery - Series A, 2009, 91, 1130-1135.	3.0	99
120	<i>In vivo</i> severe corrosion and hydrogen embrittlement of retrieved modular body titanium alloy hip implants. Journal of Biomedical Materials Research - Part B Applied Biomaterials, 2009, 88B, 206-219.	3.4	155
121	Soluble and particulate Co-Cr-Mo alloy implant metals activate the inflammasome danger signaling pathway in human macrophages: A novel mechanism for implant debris reactivity. Journal of Orthopaedic Research, 2009, 27, 847-854.	2.3	220
122	Wear mechanisms in metal-on-metal bearings: The importance of tribochemical reaction layers. Journal of Orthopaedic Research, 2009, 28, n/a-n/a.	2.3	109
123	US bone and joint decade prepares for the future. Arthritis and Rheumatism, 2009, 61, 1470-1471.	6.7	2
124	Role of Technology Assessment in Orthopaedics. Clinical Orthopaedics and Related Research, 2009, 467, 2570-2576.	1.5	0
125	Metal-on-metal Bearing Surfaces. Journal of the American Academy of Orthopaedic Surgeons, The, 2009, 17, 69-76.	2.5	137
126	Biologic effects of implant debris. Bulletin of the NYU Hospital for Joint Diseases, 2009, 67, 182-8.	0.7	248

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127	Th1 type lymphocyte reactivity to metals in patients with total hip arthroplasty. Journal of Orthopaedic Surgery and Research, 2008, 3, 6.	2.3	135
128	Translational research: Whither the ORS?. Journal of Orthopaedic Research, 2008, 26, 737-740.	2.3	4
129	Analysis of metal ion-induced DNA damage, apoptosis, and necrosis in human (Jurkat) T cells demonstrates Ni ²⁺ and V ³⁺ are more toxic than other metals: Al ³⁺ , Be ²⁺ , Co ²⁺ , Cr ³⁺ , Cu ²⁺ , Fe ³⁺ , Mo ⁵⁺ , Nb ⁵⁺ , Zr ²⁺ . Journal of Biomedical Materials Research - Part A, 2008, 86A, 905-913.	4.0	127
130	Cytokine-controlled RANKL and osteoprotegerin expression by human and mouse synovial fibroblasts: Fibroblast-mediated pathologic bone resorption. Arthritis and Rheumatism, 2008, 58, 2397-2408.	6.7	73
131	Technology Assessment and Adoption in Orthopaedics: Lessons Learned. Journal of Bone and Joint Surgery - Series A, 2008, 90, 689-690.	3.0	13
132	Modes of Wear After Semiconstrained Total Elbow Arthroplasty. Journal of Bone and Joint Surgery - Series A, 2008, 90, 609-619.	3.0	103
133	AOA Symposium. Journal of Bone and Joint Surgery - Series A, 2008, 90, 2781-2790.	3.0	8
134	How has the biologic reaction to wear particles changed with newer bearing surfaces?. Journal of the American Academy of Orthopaedic Surgeons, The, 2008, 16, S49-S55.	2.5	48
135	Porous Tantalum in Reconstructive Surgery of the Knee - A Review. Journal of Knee Surgery, 2007, 20, 185-194.	1.6	62
136	Trends in Joint Arthroplasty. Journal of Clinical Rheumatology, 2007, 13, 153-158.	0.9	4
137	Preoperative Testing for Sepsis Before Revision Total Knee Arthroplasty. Journal of Arthroplasty, 2007, 22, 90-93.	3.1	202
138	Analysis of Retrieved Acetabular Components of Three Polyethylene Types. Clinical Orthopaedics and Related Research, 2007, 465, 140-149.	1.5	14
139	Tribology: A portal to understand joint failure?. Arthritis and Rheumatism, 2007, 56, 3511-3513.	6.7	7
140	Role of fibroblasts and fibroblast-derived growth factors in periprosthetic angiogenesis. Journal of Orthopaedic Research, 2007, 25, 1378-1388.	2.3	24
141	Biomedical imaging archive network. Skeletal Radiology, 2007, 36, 799-801.	2.0	1
142	Ion Production and Excretion in a Patient with a Metal-on-Metal Bearing Hip Prosthesis. Journal of Bone and Joint Surgery - Series A, 2007, 89, 2758-2763.	3.0	9
143	Closing the Gap: Orthopaedic Research in Clinical Practice. Journal of the American Academy of Orthopaedic Surgeons, The, 2007, 15, 1-2.	2.5	3
144	Wear Particles. Journal of Bone and Joint Surgery - Series A, 2006, 88, 99-102.	3.0	130

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145	Clinical Performance of Contemporary Tibial Polyethylene Components. Journal of Arthroplasty, 2006, 21, 754-761.	3.1	26
146	A Case of Disassociation of a Modular Femoral Neck Trunion After Total Hip Arthroplasty. Journal of Arthroplasty, 2006, 21, 918-921.	3.1	72
147	Serum Metal Levels and Bearing Surfaces in Total Hip Arthroplasty. Journal of Arthroplasty, 2006, 21, 47-52.	3.1	57
148	Letter to the Editor: The Progression of Patellofemoral Arthrosis after Medial Unicompartmental Replacement. Clinical Orthopaedics and Related Research, 2006, 452, 285-286.	1.5	10
149	Stem diameter and rotational stability in revision total hip arthroplasty: a biomechanical analysis. Journal of Orthopaedic Surgery and Research, 2006, 1, 5.	2.3	32
150	Experimental and clinical performance of porous tantalum in orthopedic surgery. Biomaterials, 2006, 27, 4671-4681.	11.4	514
151	The role of fibroblasts and fibroblast-derived factors in periprosthetic osteolysis. Arthritis and Rheumatism, 2006, 54, 3221-3232.	6.7	93
152	Chemokine gene activation in human bone marrow-derived osteoblasts following exposure to particulate wear debris. Journal of Biomedical Materials Research - Part A, 2006, 77A, 192-201.	4.0	58
153	Osteoarthritis of the Knee. New England Journal of Medicine, 2006, 354, 2508-2509.	27.0	9
154	Loosening and Osteolysis Associated with Metal-on-Metal Bearings. Journal of Bone and Joint Surgery - Series A, 2006, 88, 1171-1172.	3.0	113
155	Symposium. Journal of Bone and Joint Surgery - Series A, 2006, 88, 1650-1651.	3.0	17
156	LOOSENING AND OSTEOLYSIS ASSOCIATED WITH METAL-ON-METAL BEARINGS. Journal of Bone and Joint Surgery - Series A, 2006, 88, 1171-1172.	3.0	2
157	Lymphocyte responses in patients with total hip arthroplasty. Journal of Orthopaedic Research, 2005, 23, 384-391.	2.3	212
158	Chemokine IL-8 induction by particulate wear debris in osteoblasts is mediated by NF- κ B. Journal of Orthopaedic Research, 2005, 23, 1249-1257.	2.3	39
159	Effects of soluble metals on human peri-implant cells. Journal of Biomedical Materials Research - Part A, 2005, 74A, 124-140.	4.0	107
160	Results of Unicompartmental Knee Arthroplasty at a Minimum of Ten Years of Follow-up. Journal of Bone and Joint Surgery - Series A, 2005, 87, 999-1006.	3.0	356
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