

Joshua J Jacobs

List of Publications by Year in descending order

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Version: 2024-02-01

240
papers

21,025
citations

6486

82
h-index

11608

140
g-index

244
all docs

244
docs citations

244
times ranked

11388
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.	1.5	2
2	Microstructure and Electrochemical Behavior of Contemporary Ti6Al4V Implant Alloys. <i>Journal of Bio- and Tribo-Corrosion</i> , 2022, 8, 1.	1.2	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.	1.2	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.	0.6	0
5	Augmented Reality in Orthopedic Practice and Education. <i>Orthopedic Clinics of North America</i> , 2021, 52, 15-26.	0.5	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.	0.7	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.	1.1	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.	1.5	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.	0.9	5
10	Early outcomes of a modern cemented total knee arthroplasty. <i>Bone and Joint Journal</i> , 2021, 103-B, 51-58.	1.9	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.	0.9	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.	1.5	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.	1.4	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.	1.6	10
15	Do Battlefield Injury-acquired Indwelling Metal Fragments Induce Metal Immunogenicity?. <i>Clinical Orthopaedics and Related Research</i> , 2020, 478, 752-766.	0.7	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.	1.5	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.	1.5	14
18	Standardizing terms for tribocorrosion-associated adverse local tissue reaction in total hip arthroplasty. <i>Arthroplasty Today</i> , 2020, 6, 196-200.	0.8	21

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19	Joint line elevation and tibial slope are associated with increased polyethylene wear in cruciate-retaining total knee replacement. <i>Journal of Orthopaedic Research</i> , 2020, 38, 1596-1606.	1.2	17
20	Backside wear of tibial polyethylene components is affected by gait pattern: A knee simulator study using rare earth tracer technology. <i>Journal of Orthopaedic Research</i> , 2020, 38, 1607-1616.	1.2	6
21	Can a gait-dependent model predict wear on retrieved total knee arthroplasty components?. <i>Bone and Joint Journal</i> , 2020, 102-B, 129-137.	1.9	3
22	Modelling changes in modular taper micromechanics due to surgeon assembly technique in total hip arthroplasty. <i>Bone and Joint Journal</i> , 2020, 102-B, 33-40.	1.9	12
23	The Hip Society Supplement 2020. <i>Bone and Joint Journal</i> , 2020, 102-B, 1-2.	1.9	1
24	Orthopedic Applications. , 2020, , 1079-1118.		10
25	What Surgeons Need to Know About Adverse Local Tissue Reaction in Total Hip Arthroplasty. <i>Journal of Arthroplasty</i> , 2020, 35, S55-S59.	1.5	33
26	High Failure at a Minimum 5-Year Follow-Up in Primary Total Hip Arthroplasty Using a Modular Femoral Trunnion. <i>Journal of Arthroplasty</i> , 2019, 34, 1395-1399.	1.5	5
27	Personality Assessment in Orthopaedic Surgery. <i>Journal of Bone and Joint Surgery - Series A</i> , 2019, 101, e13.	1.4	12
28	Transition from metal-DTH resistance to susceptibility is facilitated by NLRP3 inflammasome signaling induced Th17 reactivity: Implications for orthopedic implants. <i>PLoS ONE</i> , 2019, 14, e0210336.	1.1	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. <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , 2019, 107, 1930-1936.	1.6	14
30	Diagnosing Taper Corrosion: When Is It the Taper and When Is It Something Else?. <i>Journal of Arthroplasty</i> , 2018, 33, 2712-2715.	1.5	14
31	Risk Adjustment Is Necessary in Medicare Bundled Payment Models for Total Hip and Knee Arthroplasty. <i>Journal of Arthroplasty</i> , 2018, 33, 2368-2375.	1.5	56
32	What Factors Drive Taper Corrosion?. <i>Journal of Arthroplasty</i> , 2018, 33, 2707-2711.	1.5	49
33	Systemic and local toxicity of metal debris released from hip prostheses: A review of experimental approaches. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2018, 14, 951-963.	1.7	109
34	In vitro simulation of fretting-corrosion in hip implant modular junctions: The influence of pH. <i>Medical Engineering and Physics</i> , 2018, 52, 1-9.	0.8	24
35	Mechanical, chemical and biological damage modes within head-neck tapers of CoCrMo and Ti6Al4V contemporary hip replacements. <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , 2018, 106, 1672-1685.	1.6	68
36	SMART Biosensor for Early Diagnostic Detection of Metal Ion Release in Orthopedic Patients: Initial Outcome. <i>Journal of Bio- and Tribo-Corrosion</i> , 2018, 4, 1.	1.2	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.	1.2	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.	0.1	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.	0.5	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.	0.7	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.	1.6	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.	1.5	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.	1.4	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.	1.5	57
46	Hypersensitivity: "Doc, Am I Allergic to My Implant?" Seminars in Arthroplasty, 2017, 28, 53-57.	0.3	2
47	Alloy Microstructure Dictates Corrosion Modes in THA Modular Junctions. Clinical Orthopaedics and Related Research, 2017, 475, 3026-3043.	0.7	37
48	Serum Metal Concentrations in Patients With Titanium Ceramic Composite Cervical Disc Replacements. Spine, 2017, 42, 366-371.	1.0	14
49	TLR4 (not TLR2) dominate cognate TLR activity associated with CoCrMo implant particles. Journal of Orthopaedic Research, 2017, 35, 1007-1017.	1.2	14
50	Chemokines Associated with Pathologic Responses to Orthopedic Implant Debris. Frontiers in Endocrinology, 2017, 8, 5.	1.5	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.	0.1	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.	1.1	39
54	Corrosion at the Head-Neck Junction: Why Is This Happening Now?. Journal of Arthroplasty, 2016, 31, 1378-1380.	1.5	40

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55	Corrosion of Modular Junctions: Why Is This Happening Now?. Journal of Arthroplasty, 2016, 31, 1377.	1.5	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.	0.7	49
57	Metal Hypersensitivity and Total Knee Arthroplasty. Journal of the American Academy of Orthopaedic Surgeons, The, 2016, 24, 106-112.	1.1	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.	1.5	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.	1.4	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.	1.5	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.	0.7	0
62	The causes and management of hip instability: An algorithmic approach. Seminars in Arthroplasty, 2015, 26, 131-135.	0.3	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.	0.7	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.	0.7	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.	0.7	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.	0.7	41
70	The Pathology of Orthopedic Implant Failure Is Mediated by Innate Immune System Cytokines. Mediators of Inflammation, 2014, 2014, 1-9.	1.4	128
71	Intergranular pitting corrosion of CoCrMo biomedical implant alloy. Journal of Biomedical Materials Research - Part B Applied Biomaterials, 2014, 102, 850-859.	1.6	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.	1.4	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. <i>Journal of Arthroplasty</i> , 2014, 29, 2060-2064.	1.5	76
74	Midterm Results of a Femoral Stem With a Modular Neck Design: Clinical Outcomes and Metal Ion Analysis. <i>Journal of Arthroplasty</i> , 2014, 29, 1768-1773.	1.5	38
75	AAOS Osteoarthritis Guideline: Transparency and Credibility. <i>Arthroscopy - Journal of Arthroscopic and Related Surgery</i> , 2014, 30, 656-658.	1.3	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. <i>Journal of Long-Term Effects of Medical Implants</i> , 2014, 24, 77-88.	0.2	18
78	Metal ion levels in maternal and placental blood after metal-on-metal total hip arthroplasty. <i>American Journal of Orthopedics</i> , 2014, 43, E304-8.	0.7	7
79	Moving Forward: From Curses to Blessings. <i>Journal of the American Academy of Orthopaedic Surgeons</i> , The, 2013, 21, 261-265.	1.1	1
80	CoCrMo metal-on-metal hip replacements. <i>Physical Chemistry Chemical Physics</i> , 2013, 15, 746-756.	1.3	124
81	Inhibition of the Wnt- β -catenin and Notch signaling pathways sensitizes osteosarcoma cells to chemotherapy. <i>Biochemical and Biophysical Research Communications</i> , 2013, 431, 274-279.	1.0	100
82	Do Ion Concentrations after Metal-on-Metal Hip Resurfacing Increase Over Time? A Prospective Study. <i>Journal of Arthroplasty</i> , 2013, 28, 695-700.	1.5	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. <i>Journal of Orthopaedic Research</i> , 2013, 31, 173-182.	1.2	38
84	Ten-Year Outcome of Serum Metal Ion Levels After Primary Total Hip Arthroplasty. <i>Journal of Bone and Joint Surgery - Series A</i> , 2013, 95, 512-518.	1.4	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. <i>Journal of Bone and Joint Surgery - Series A</i> , 2013, 95, 865-872.	1.4	333
86	Increasing both CoCrMo alloy particle size and surface irregularity induces increased macrophage inflammasome activation in vitro potentially through lysosomal destabilization mechanisms. <i>Journal of Orthopaedic Research</i> , 2013, 31, 1633-1642.	1.2	90
87	Beyond the Decade: Strategic Priorities to Reduce the Burden of Musculoskeletal Disease. <i>Journal of Bone and Joint Surgery - Series A</i> , 2013, 95, e125.	1.4	27
88	An Important Contribution to Our Understanding of the Performance of the Current Generation of Metal-on-Metal Hip Replacements. <i>Journal of Bone and Joint Surgery - Series A</i> , 2013, 95, e53.	1.4	9
89	Cobalt-Alloy Implant Debris Induce HIF-1 Hypoxia Associated Responses: A Mechanism for Metal-Specific Orthopedic Implant Failure. <i>PLoS ONE</i> , 2013, 8, e67127.	1.1	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. JBSJ Case Connector, 2013, 3, e18.	0.1	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.	1.4	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.	1.4	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.	1.4	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.	1.4	7
96	American Academy of Orthopaedic Surgeons Clinical Practice Guideline on. Journal of Bone and Joint Surgery - Series A, 2012, 94, 746-747.	1.4	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.	1.4	527
98	Evidence-Based Understanding of Management Perils for Metal-on-Metal Hip Arthroplasty Patients. Journal of Arthroplasty, 2012, 27, 20-25.	1.5	44
99	Commentary: Total disc arthroplasty and the bearing surface debate. Spine Journal, 2012, 12, 702-704.	0.6	2
100	Biologic Implications of Taper Corrosion in Total Hip Arthroplasty. Seminars in Arthroplasty, 2012, 23, 273-278.	0.3	27
101	Wear-Corrosion Synergism in a CoCrMo Hip Bearing Alloy Is Influenced by Proteins. Clinical Orthopaedics and Related Research, 2012, 470, 3109-3117.	0.7	61
102	Surface Damage Versus Tibial Polyethylene Insert Conformity: A Retrieval Study. Clinical Orthopaedics and Related Research, 2012, 470, 1814-1825.	0.7	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.	1.6	84
104	Evaluation and Treatment of Painful Total Hip Arthroplasties With Modular Metal Taper Junctions. Orthopedics, 2012, 35, 386-391.	0.5	21
105	In Vivo Wear of a Squeaky Alumina-on-Alumina Hip Prosthesis. Journal of Bone and Joint Surgery - Series A, 2011, 93, e27.	1.4	10
106	Early Failure of Metal-on-Metal Artificial Disc Prostheses Associated with Lymphocytic Reaction. Spine, 2011, 36, E492-E497.	1.0	92
107	Metal-on-metal articulation in total hip arthroplasty. Current Orthopaedic Practice, 2011, 22, 231-235.	0.1	3
108	Hematologic Genetic Testing in High-risk Patients Before Knee Arthroplasty: A Pilot Study. Clinical Orthopaedics and Related Research, 2011, 469, 131-137.	0.7	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.	1.5	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.	1.4	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.	1.1	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.	2.1	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.	2.1	87
114	Synovial Fluid Biomarkers for Periprosthetic Infection. Clinical Orthopaedics and Related Research, 2010, 468, 2017-2023.	0.7	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.	0.7	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.	1.4	45
117	Fracture of a Modular Femoral Neck After Total Hip Arthroplasty. Journal of Bone and Joint Surgery - Series A, 2010, 92, 1518-1521.	1.4	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.	1.4	7
119	Primary Total Hip Arthroplasty with a Porous-Coated Acetabular Component. Journal of Bone and Joint Surgery - Series A, 2009, 91, 1130-1135.	1.4	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.	1.6	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.	1.2	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.	1.2	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.	0.7	0
125	Metal-on-metal Bearing Surfaces. Journal of the American Academy of Orthopaedic Surgeons, The, 2009, 17, 69-76.	1.1	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.	0.9	135
128	Translational research: Whither the ORS?. Journal of Orthopaedic Research, 2008, 26, 737-740.	1.2	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.	2.1	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.	1.4	13
132	Modes of Wear After Semiconstrained Total Elbow Arthroplasty. Journal of Bone and Joint Surgery - Series A, 2008, 90, 609-619.	1.4	103
133	AOA Symposium. Journal of Bone and Joint Surgery - Series A, 2008, 90, 2781-2790.	1.4	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.	1.1	48
135	Porous Tantalum in Reconstructive Surgery of the Knee - A Review. Journal of Knee Surgery, 2007, 20, 185-194.	0.9	62
136	Trends in Joint Arthroplasty. Journal of Clinical Rheumatology, 2007, 13, 153-158.	0.5	4
137	Preoperative Testing for Sepsis Before Revision Total Knee Arthroplasty. Journal of Arthroplasty, 2007, 22, 90-93.	1.5	202
138	Analysis of Retrieved Acetabular Components of Three Polyethylene Types. Clinical Orthopaedics and Related Research, 2007, 465, 140-149.	0.7	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.	1.2	24
141	Biomedical imaging archive network. Skeletal Radiology, 2007, 36, 799-801.	1.2	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.	1.4	9
143	Closing the Gap: Orthopaedic Research in Clinical Practice. Journal of the American Academy of Orthopaedic Surgeons, The, 2007, 15, 1-2.	1.1	3
144	Wear Particles. Journal of Bone and Joint Surgery - Series A, 2006, 88, 99-102.	1.4	130

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145	Clinical Performance of Contemporary Tibial Polyethylene Components. Journal of Arthroplasty, 2006, 21, 754-761.	1.5	26
146	A Case of Disassociation of a Modular Femoral Neck Trunion After Total Hip Arthroplasty. Journal of Arthroplasty, 2006, 21, 918-921.	1.5	72
147	Serum Metal Levels and Bearing Surfaces in Total Hip Arthroplasty. Journal of Arthroplasty, 2006, 21, 47-52.	1.5	57
148	Letter to the Editor: The Progression of Patellofemoral Arthrosis after Medial Unicompartmental Replacement. Clinical Orthopaedics and Related Research, 2006, 452, 285-286.	0.7	10
149	Stem diameter and rotational stability in revision total hip arthroplasty: a biomechanical analysis. Journal of Orthopaedic Surgery and Research, 2006, 1, 5.	0.9	32
150	Experimental and clinical performance of porous tantalum in orthopedic surgery. Biomaterials, 2006, 27, 4671-4681.	5.7	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.	2.1	58
153	Osteoarthritis of the Knee. New England Journal of Medicine, 2006, 354, 2508-2509.	13.9	9
154	Loosening and Osteolysis Associated with Metal-on-Metal Bearings. Journal of Bone and Joint Surgery - Series A, 2006, 88, 1171-1172.	1.4	113
155	Symposium. Journal of Bone and Joint Surgery - Series A, 2006, 88, 1650-1651.	1.4	17
156	LOOSENING AND OSTEOLYSIS ASSOCIATED WITH METAL-ON-METAL BEARINGS. Journal of Bone and Joint Surgery - Series A, 2006, 88, 1171-1172.	1.4	2
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