

# Eileen Ingham

## List of Publications by Year in descending order

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140  
papers

8,474  
citations

41344

49  
h-index

46799

89  
g-index

145  
all docs

145  
docs citations

145  
times ranked

8336  
citing authors

#	ARTICLE	IF	CITATIONS
1	Decellularised human bone allograft from different anatomical sites as a basis for functionally stratified repair material for bone defects. <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , 2022, 125, 104965.	3.1	4
2	The effect of decellularisation on the real time mechanical fatigue of porcine aortic heart valve roots. <i>PLoS ONE</i> , 2022, 17, e0265763.	2.5	3
3	Repopulation of decellularised porcine pulmonary valves in the right ventricular outflow tract of sheep: Role of macrophages. <i>Journal of Tissue Engineering</i> , 2022, 13, 204173142211026.	5.5	1
4	Augmentation of the insufficient tissue bed for surgical repair of hypospadias using acellular matrix grafts: A proof of concept study. <i>Journal of Tissue Engineering</i> , 2021, 12, 204173142199884.	5.5	11
5	An experimental simulation model to assess wear of the porcine patellofemoral joint. <i>PLoS ONE</i> , 2021, 16, e0250077.	2.5	3
6	Integration and functional performance of a decellularised porcine superflexor tendon graft in an ovine model of anterior cruciate ligament reconstruction. <i>Biomaterials</i> , 2021, 279, 121204.	11.4	8
7	Translation of mechanical strain to a scalable biomanufacturing process for acellular matrix production from full thickness porcine bladders. <i>Biomedical Materials (Bristol)</i> , 2021, 16, 065023.	3.3	1
8	Biomechanical assessment of the stability of osteochondral grafts implanted in porcine and bovine femoral condyles. <i>Proceedings of the Institution of Mechanical Engineers, Part H: Journal of Engineering in Medicine</i> , 2020, 234, 163-170.	1.8	9
9	Decellularized Intervertebral Discs: A Potential Replacement for Degenerate Human Discs. <i>Tissue Engineering - Part C: Methods</i> , 2020, 26, 565-576.	2.1	14
10	Developing a Tooth in situ Organ Culture Model for Dental and Periodontal Regeneration Research. <i>Frontiers in Bioengineering and Biotechnology</i> , 2020, 8, 581413.	4.1	3
11	Development of a specimen-specific in vitro pre-clinical simulation model of the human cadaveric knee with appropriate soft tissue constraints. <i>PLoS ONE</i> , 2020, 15, e0238785.	2.5	6
12	Development of a pre-clinical experimental simulation model of the natural porcine knee with appropriate ligamentous constraints. <i>PLoS ONE</i> , 2019, 14, e0216872.	2.5	4
13	Stratifying the mechanical performance of a decellularized xenogeneic tendon graft for anterior cruciate ligament reconstruction as a function of graft diameter. <i>Bone and Joint Research</i> , 2019, 8, 518-525.	3.6	7
14	Development and Characterisation of a Decellularised Porcine Dermis for Chronic Non-Healing Wounds. <i>European Journal of Vascular and Endovascular Surgery</i> , 2019, 58, e156.	1.5	0
15	Decellularisation affects the strain rate dependent and dynamic mechanical properties of a xenogeneic tendon intended for anterior cruciate ligament replacement. <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , 2019, 91, 18-23.	3.1	15
16	Simple geometry tribological study of osteochondral graft implantation in the knee. <i>Proceedings of the Institution of Mechanical Engineers, Part H: Journal of Engineering in Medicine</i> , 2018, 232, 249-256.	1.8	11
17	Decellularization of human donor aortic and pulmonary valved conduits using low concentration sodium dodecyl sulfate. <i>Journal of Tissue Engineering and Regenerative Medicine</i> , 2018, 12, e841-e853.	2.7	33
18	The effects of irradiation dose and storage time following treatment on the viscoelastic properties of decellularised porcine super flexor tendon. <i>Journal of Biomechanics</i> , 2017, 57, 157-160.	2.1	7

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19	Development and characterisation of a low-concentration sodium dodecyl sulphate decellularised porcine dermis. <i>Journal of Tissue Engineering</i> , 2017, 8, 204173141772401.	5.5	11
20	Decellularization and Characterization of Porcine Superflexor Tendon: A Potential Anterior Cruciate Ligament Replacement. <i>Tissue Engineering - Part A</i> , 2017, 23, 124-134.	3.1	41
21	The effects of irradiation on the biological and biomechanical properties of an acellular porcine superflexor tendon graft for cruciate ligament repair. <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , 2017, 105, 2477-2486.	3.4	26
22	Bi-linear mechanical property determination of acellular human patellar tendon grafts for use in anterior cruciate ligament replacement. <i>Journal of Biomechanics</i> , 2016, 49, 1607-1612.	2.1	15
23	Regional biomechanical and histological characterization of the mitral valve apparatus: Implications for mitral repair strategies. <i>Journal of Biomechanics</i> , 2016, 49, 2491-2501.	2.1	7
24	A Nondestructive Method to Distinguish the Internal Constituent Architecture of the Intervertebral Discs Using 9.4 Tesla Magnetic Resonance Imaging. <i>Spine</i> , 2015, 40, E1315-E1322.	2.0	5
25	Development and characterisation of a decellularised bovine osteochondral biomaterial for cartilage repair. <i>Journal of Materials Science: Materials in Medicine</i> , 2015, 26, 186.	3.6	37
26	The biological response to nanometre-sized polymer particles. <i>Acta Biomaterialia</i> , 2015, 23, 38-51.	8.3	59
27	A biomechanical characterisation of acellular porcine super flexor tendons for use in anterior cruciate ligament replacement: Investigation into the effects of fat reduction and bioburden reduction bioprocesses. <i>Journal of Biomechanics</i> , 2015, 48, 22-29.	2.1	19
28	Tribology studies of the natural knee using an animal model in a new whole joint natural knee simulator. <i>Journal of Biomechanics</i> , 2015, 48, 3004-3011.	2.1	23
29	Regenerative Potential of Low-Concentration SDS-Decellularized Porcine Aortic Valved Conduits <i>in Vivo</i> . <i>Tissue Engineering - Part A</i> , 2015, 21, 332-342.	3.1	42
30	Generation of a large volume of clinically relevant nanometre-sized ultra-high-molecular-weight polyethylene wear particles for cell culture studies. <i>Proceedings of the Institution of Mechanical Engineers, Part H: Journal of Engineering in Medicine</i> , 2014, 228, 418-426.	1.8	3
31	Interaction of micron and nano-sized particles with cells of the dura mater. <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , 2014, 102, 1496-1505.	3.4	11
32	Current strategies in meniscal regeneration. <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , 2014, 102, 619-634.	3.4	40
33	The Human Tissue-Biomaterial Interface: A Role for PPAR $\gamma$ -Dependent Glucocorticoid Receptor Activation in Regulating the CD163+ M2 Macrophage Phenotype. <i>Tissue Engineering - Part A</i> , 2014, 20, 2390-2401.	3.1	27
34	Development and Characterization of Acellular Porcine Pulmonary Valve Scaffolds for Tissue Engineering. <i>Tissue Engineering - Part A</i> , 2014, 20, 2963-2974.	3.1	38
35	Biological Effects of Clinically Relevant CoCr Nanoparticles in the Dura Mater: An Organ Culture Study. <i>Nanomaterials</i> , 2014, 4, 485-504.	4.1	10
36	Immunogenicity of undifferentiated and differentiated allogeneic mouse mesenchymal stem cells. <i>Journal of Tissue Engineering</i> , 2014, 5, 204173141453425.	5.5	27

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37	Assay validation for the assessment of adipogenesis of multipotential stromal cells—a direct comparison of four different methods. <i>Cytotherapy</i> , 2013, 15, 89-101.	0.7	52
38	Consequences of exposure to peri-articular injections of micro- and nano-particulate cobalt–chromium alloy. <i>Biomaterials</i> , 2013, 34, 8564-8580.	11.4	34
39	Development of a decellularised dermis. <i>Cell and Tissue Banking</i> , 2013, 14, 465-474.	1.1	33
40	Influence of particle size and reactive oxygen species on cobalt chrome nanoparticle-mediated genotoxicity. <i>Biomaterials</i> , 2013, 34, 3559-3570.	11.4	72
41	Biological effects of cobalt-chromium nanoparticles and ions on dural fibroblasts and dural epithelial cells. <i>Biomaterials</i> , 2013, 34, 3547-3558.	11.4	51
42	Biomimetic self-assembling peptides as scaffolds for soft tissue engineering. <i>Nanomedicine</i> , 2013, 8, 823-847.	3.3	110
43	Wear of surface-engineered metal-on-metal bearings for hip prostheses under adverse conditions with the head loading on the rim of the cup. <i>Proceedings of the Institution of Mechanical Engineers, Part H: Journal of Engineering in Medicine</i> , 2013, 227, 345-349.	1.8	9
44	Technique for internal channelling of hydroentangled nonwoven scaffolds to enhance cell penetration. <i>Journal of Biomaterials Applications</i> , 2013, 28, 241-249.	2.4	5
45	Orthogonal Invariant Sets of the Diffusion Tensor and the Development of a Curvilinear Set Suitable for Low-Anisotropy Tissues. <i>PLoS ONE</i> , 2013, 8, e78798.	2.5	1
46	Comparison of human and animal femoral head chondral properties and geometries. <i>Proceedings of the Institution of Mechanical Engineers, Part H: Journal of Engineering in Medicine</i> , 2012, 226, 55-62.	1.8	39
47	The Effect of Anterior-Posterior Shear on the Wear of CHARITÉ™ Total Disc Replacement. <i>Spine</i> , 2012, 37, E528-E534.	2.0	17
48	The Use of Antithrombotic Therapies in Reducing Synthetic Small-Diameter Vascular Graft Thrombosis. <i>Vascular and Endovascular Surgery</i> , 2012, 46, 212-222.	0.7	42
49	(v) Simulation and measurement of wear in metal-on-metal bearings in vitro—understanding the reasons for increased wear. <i>Orthopaedics and Trauma</i> , 2012, 26, 253-258.	0.4	8
50	Development of Methods for Studying the Differentiation of Human Mesenchymal Stem Cells Under Cyclic Compressive Strain. <i>Tissue Engineering - Part C: Methods</i> , 2012, 18, 252-262.	2.1	49
51	Development and Characterization of Acellular Allogeneic Arterial Matrices. <i>Tissue Engineering - Part A</i> , 2012, 18, 471-483.	3.1	45
52	Peptide-Based Biomaterials: Rational Molecular Design of Complementary Self-Assembling Peptide Hydrogels ( <i>Adv. Healthcare Mater.</i> 5/2012). <i>Advanced Healthcare Materials</i> , 2012, 1, 679-679.	7.6	0
53	(iv) Enhancing the safety and reliability of joint replacement implants. <i>Orthopaedics and Trauma</i> , 2012, 26, 246-252.	0.4	19
54	In Vitro Measurement of Wear in Joint Replacements: A Stratified Approach for Enhanced Reliability — SAFER—Pre-Clinical Simulation Testing. <i>Seminars in Arthroplasty</i> , 2012, 23, 286-288.	0.7	8

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55	Rational Molecular Design of Complementary Self-Assembling Peptide Hydrogels. <i>Advanced Healthcare Materials</i> , 2012, 1, 640-645.	7.6	47
56	Investigation of the Suitability of Decellularised Porcine Pericardium for Mitral Valve Reconstruction. , 2012, , .		5
57	De novo designed positively charged tape-forming peptides: self-assembly and gelation in physiological solutions and their evaluation as 3D matrices for cell growth. <i>Soft Matter</i> , 2011, 7, 8085.	2.7	24
58	Fluid load support and contact mechanics of hemiarthroplasty in the natural hip joint. <i>Medical Engineering and Physics</i> , 2011, 33, 96-105.	1.7	28
59	Development and characterization of an acellular porcine cartilage bone matrix for use in tissue engineering. <i>Journal of Biomedical Materials Research - Part A</i> , 2011, 99A, 283-294.	4.0	118
60	Hemiarthroplasty of hip joint: An experimental validation using porcine acetabulum. <i>Journal of Biomechanics</i> , 2011, 44, 1536-1542.	2.1	16
61	Investigation of the Regenerative Capacity of an Acellular Porcine Medial Meniscus for Tissue Engineering Applications. <i>Tissue Engineering - Part A</i> , 2011, 17, 231-242.	3.1	74
62	Modeling Tissue Growth Within Nonwoven Scaffolds Pores. <i>Tissue Engineering - Part C: Methods</i> , 2011, 17, 123-130.	2.1	25
63	2009 Knee Society Presidential Guest Lecture: Polyethylene Wear in Total Knees. <i>Clinical Orthopaedics and Related Research</i> , 2010, 468, 12-18.	1.5	64
64	The genotoxicity of physiological concentrations of chromium (Cr(III) and Cr(VI)) and cobalt (Co(II)): An in vitro study. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , 2010, 688, 53-61.	1.0	65
65	Recombinant self-assembling peptides as biomaterials for tissue engineering. <i>Biomaterials</i> , 2010, 31, 9395-9405.	11.4	96
66	Factors Influencing the Oxygen Consumption Rate of Aortic Valve Interstitial Cells: Application to Tissue Engineering. <i>Tissue Engineering - Part C: Methods</i> , 2009, 15, 355-363.	2.1	12
67	Production of self-assembling biomaterials for tissue engineering. <i>Trends in Biotechnology</i> , 2009, 27, 423-433.	9.3	213
68	Investigation of the antiadhesive properties of human mesothelial cells cultured <i>in vitro</i> on implantable surgical materials. <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , 2009, 88B, 49-60.	3.4	10
69	Surface engineering: A low wearing solution for metal-on-metal hip surface replacements. <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , 2009, 90B, 558-565.	3.4	39
70	High Cup Angle and Microseparation Increase the Wear of Hip Surface Replacements. <i>Clinical Orthopaedics and Related Research</i> , 2009, 467, 2259-2265.	1.5	170
71	Nanoparticles can cause DNA damage across a cellular barrier. <i>Nature Nanotechnology</i> , 2009, 4, 876-883.	31.5	351
72	Regional biomechanical and histological characterisation of the passive porcine urinary bladder: Implications for augmentation and tissue engineering strategies. <i>Biomaterials</i> , 2009, 30, 266-275.	11.4	78

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73	Cytocompatibility of poly(1,2 propanediol methacrylate) copolymer hydrogels and conetworks with or without alkyl amine functionality. <i>Biomaterials</i> , 2009, 30, 2468-2478.	11.4	18
74	Characterization of UHMWPE Wear Particles. , 2009, , 409-422.		1
75	TRIBOLOGY OF METAL-ON-METAL ARTIFICIAL HIP JOINTS. , 2009, , 279-307.		0
76	Thirteen years' experience with the Ross Operation. <i>Journal of Heart Valve Disease</i> , 2009, 18, 84-94.	0.5	30
77	Effect of bearing size on the long-term wear, wear debris, and ion levels of large diameter metal-on-metal hip replacements: An <i>in vitro</i> study. <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , 2008, 87B, 163-172.	3.4	77
78	Biotribology of articular cartilage: A review of the recent advances. <i>Medical Engineering and Physics</i> , 2008, 30, 1349-1363.	1.7	164
79	Microbial colonization of an <i>in vitro</i> model of a tissue engineered human skin equivalent "A" a novel approach. <i>FEMS Microbiology Letters</i> , 2008, 279, 110-115.	1.8	58
80	<i>In vitro</i> modulation of human keratinocyte pro- and anti-inflammatory cytokine production by the capsule of <i>Malassezia</i> species. <i>FEMS Immunology and Medical Microbiology</i> , 2008, 54, 203-214.	2.7	61
81	Biocompatibility and Potential of Acellular Human Amniotic Membrane to Support the Attachment and Proliferation of Allogeneic Cells. <i>Tissue Engineering - Part A</i> , 2008, 14, 463-472.	3.1	113
82	Tribology and Wear of Metal-on-Metal Hip Prostheses: Influence of Cup Angle and Head Position. <i>Journal of Bone and Joint Surgery - Series A</i> , 2008, 90, 111-117.	3.0	104
83	Delayed Development of Linezolid Resistance in <i>Staphylococcus aureus</i> following Exposure to Low Levels of Antimicrobial Agents. <i>Antimicrobial Agents and Chemotherapy</i> , 2008, 52, 1940-1944.	3.2	24
84	Development and Characterization of an Acellular Porcine Medial Meniscus for Use in Tissue Engineering. <i>Tissue Engineering - Part A</i> , 2008, 14, 505-518.	3.1	149
85	Tissue Engineering Small-Diameter Vascular Grafts: Preparation of a Biocompatible Porcine Ureteric Scaffold. <i>Tissue Engineering - Part A</i> , 2008, 14, 1871-1882.	3.1	41
86	Computational simulation of oxygen diffusion in aortic valve leaflet for tissue engineering applications. <i>Journal of Heart Valve Disease</i> , 2008, 17, 700-9.	0.5	12
87	Biocompatibility of Acellular Human Pericardium. <i>Journal of Surgical Research</i> , 2007, 143, 407-414.	1.6	81
88	The Use of Ultrasonication to Aid Recellularization of Acellular Natural Tissue Scaffolds for Use in Anterior Cruciate Ligament Reconstruction. <i>Tissue Engineering</i> , 2007, 13, 1561-1572.	4.6	96
89	THE 2007 OTTO AUFRANC AWARD: Ceramic-on-Metal Hip Arthroplasties. <i>Clinical Orthopaedics and Related Research</i> , 2007, 465, 23-32.	1.5	83
90	Effect of ionic strength on the self-assembly, morphology and gelation of pH responsive $\beta$ -sheet tape-forming peptides. <i>Tetrahedron</i> , 2007, 63, 7457-7467.	1.9	100

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91	Characterisation of wear particles produced by metal on metal and ceramic on metal hip prostheses under standard and microseparation simulation. <i>Journal of Materials Science: Materials in Medicine</i> , 2007, 18, 819-827.	3.6	94
92	Development and characterisation of a full-thickness acellular porcine bladder matrix for tissue engineering. <i>Biomaterials</i> , 2007, 28, 1061-1070.	11.4	172
93	Development and Characterization of an Acellular Human Pericardial Matrix for Tissue Engineering. <i>Tissue Engineering</i> , 2006, 12, 763-773.	4.6	135
94	Review: Tissue Engineering of the Urinary Bladder: Considering Structure-Function Relationships and the Role of Mechanotransduction. <i>Tissue Engineering</i> , 2006, 12, 635-644.	4.6	86
95	Production of an Acellular Amniotic Membrane Matrix for Use in Tissue Engineering. <i>Tissue Engineering</i> , 2006, 12, 2117-2129.	4.6	203
96	Tribology of Hip Joints from Natural Hip Joints, Cartilage Substitution, Artificial Replacements to Cartilage Tissue Engineering. <i>Journal of Biomechanical Science and Engineering</i> , 2006, 1, 69-81.	0.3	2
97	PRESIDENTIAL GUEST LECTURE: Tribology of Alternative Bearings. <i>Clinical Orthopaedics and Related Research</i> , 2006, 453, 25-34.	1.5	183
98	The effect of hyaluronic acid and phospholipid based lubricants on friction within a human cartilage damage model. <i>Biomaterials</i> , 2006, 27, 4581-4590.	11.4	117
99	Effect of swing phase load on metal-on-metal hip lubrication, friction and wear. <i>Journal of Biomechanics</i> , 2006, 39, 2274-2281.	2.1	59
100	Wear of crosslinked polyethylene under different tribological conditions. <i>Journal of Materials Science: Materials in Medicine</i> , 2006, 17, 235-243.	3.6	77
101	Self-assembling peptides as injectable lubricants for osteoarthritis. <i>Journal of Biomedical Materials Research - Part A</i> , 2006, 78A, 236-246.	4.0	65
102	Mechanisms of the post-antibiotic effects induced by rifampicin and gentamicin in <i>Escherichia coli</i> . <i>Journal of Antimicrobial Chemotherapy</i> , 2006, 58, 444-448.	3.0	28
103	Wear-simulation analysis of rotating-platform mobile-bearing knees. <i>Orthopedics</i> , 2006, 29, S36-41.	1.1	28
104	The Effect of Different Lubrication Regimes and Lubricants on the Friction Hard-on-Hard Total Hip Replacements. , 2005, , 625.		0
105	Biphasic surface amorphous layer lubrication of articular cartilage. <i>Medical Engineering and Physics</i> , 2005, 27, 836-844.	1.7	45
106	Comparison of wear of ultra high molecular weight polyethylene acetabular cups against alumina ceramic and chromium nitride coated femoral heads. <i>Wear</i> , 2005, 259, 972-976.	3.1	27
107	Nanometre size wear debris generated from crosslinked and non-crosslinked ultra high molecular weight polyethylene in artificial joints. <i>Wear</i> , 2005, 259, 977-983.	3.1	50
108	The role of macrophages in osteolysis of total joint replacement. <i>Biomaterials</i> , 2005, 26, 1271-1286.	11.4	594



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109	The osteolytic response of macrophages to challenge with particles of Simplex P, Endurance, Palacos R, and Vertebroplastic bone cement particles in vitro. <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , 2005, 75B, 210-220.	3.4	10
110	Deletion of the Multiple-Drug Efflux Pump AcrAB in <i>Escherichia coli</i> Prolongs the Postantibiotic Effect. <i>Antimicrobial Agents and Chemotherapy</i> , 2005, 49, 1206-1208.	3.2	9
111	Wavelength dependent responses of primary human keratinocytes to combined treatment with benzo[a]pyrene and UV light. <i>Mutagenesis</i> , 2005, 20, 305-310.	2.6	16
112	Long-Term Clinical, Radiological and Histopathological Follow-Up of a Well-Fixed McKee-Farrar Metal-on-Metal Total Hip Arthroplasty. <i>Journal of Arthroplasty</i> , 2005, 20, 542-546.	3.1	21
113	Biocompatibility and recellularization potential of an acellular porcine heart valve matrix. <i>Journal of Heart Valve Disease</i> , 2005, 14, 228-36; discussion 236-7.	0.5	30
114	In-vitro assessment of the functional performance of the decellularized intact porcine aortic root. <i>Journal of Heart Valve Disease</i> , 2005, 14, 408-21; discussion 422.	0.5	41
115	Tissue engineering of cardiac valves: re-seeding of acellular porcine aortic valve matrices with human mesenchymal progenitor cells. <i>Journal of Heart Valve Disease</i> , 2005, 14, 806-13.	0.5	42
116	The hyaluronate lyase of <i>Staphylococcus aureus</i> – a virulence factor?. <i>Microbiology (United Kingdom)</i> , 2004, 150, 373-381.	1.8	79
117	Role of the hprTftsH locus in <i>Staphylococcus aureus</i> . <i>Microbiology (United Kingdom)</i> , 2004, 150, 373-381.	1.8	51
118	Assessment of a microplate method for determining the post-antibiotic effect in <i>Staphylococcus aureus</i> and <i>Escherichia coli</i> . <i>Journal of Antimicrobial Chemotherapy</i> , 2004, 54, 139-143.	3.0	41
119	Metal-on-metal bearing wear with different swing phase loads. <i>Journal of Biomedical Materials Research Part B</i> , 2004, 70B, 233-239.	3.1	51
120	The influence of molecular weight, crosslinking and counterface roughness on TNF-alpha production by macrophages in response to ultra high molecular weight polyethylene particles. <i>Biomaterials</i> , 2004, 25, 3511-3522.	11.4	166
121	Comparative wear under different conditions of surface-engineered metal-on-metal bearings for total hip arthroplasty. <i>Journal of Arthroplasty</i> , 2004, 19, 112-117.	3.1	35
122	Wear, Debris, and Biologic Activity of Cross-linked Polyethylene in the Knee. <i>Clinical Orthopaedics and Related Research</i> , 2004, 428, 114-119.	1.5	159
123	Long-term wear of ceramic matrix composite materials for hip prostheses under severe swing phase microseparation. <i>Journal of Biomedical Materials Research Part B</i> , 2003, 66B, 567-573.	3.1	118
124	Comparison of the response of human peripheral blood mononuclear cells to challenge with particles of three bone cements in vitro. <i>Biomaterials</i> , 2003, 24, 737-748.	11.4	31
125	Role and regulation of the superoxide dismutases of <i>Staphylococcus aureus</i> . <i>Microbiology (United Kingdom)</i> , 2004, 150, 373-381.	1.8	168
126	Tissue engineering of cardiac valve prostheses I: development and histological characterization of an acellular porcine scaffold. <i>Journal of Heart Valve Disease</i> , 2002, 11, 457-62.	0.5	158



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127	Tissue engineering of cardiac valve prostheses II: biomechanical characterization of decellularized porcine aortic heart valves. <i>Journal of Heart Valve Disease</i> , 2002, 11, 463-71.	0.5	102
128	PerR Controls Oxidative Stress Resistance and Iron Storage Proteins and Is Required for Virulence in <i>Staphylococcus aureus</i> . <i>Infection and Immunity</i> , 2001, 69, 3744-3754.	2.2	299
129	Quantitative characterization of polyethylene debris isolated from periprosthetic tissue in early failure knee implants and early and late failure Charnley hip implants. <i>Journal of Biomedical Materials Research Part B</i> , 2001, 58, 415-420.	3.1	61
130	Comparison of wear in a total knee replacement under different kinematic conditions. <i>Journal of Materials Science: Materials in Medicine</i> , 2001, 12, 1039-1042.	3.6	56
131	In <i>Staphylococcus aureus</i> , Fur Is an Interactive Regulator with PerR, Contributes to Virulence, and Is Necessary for Oxidative Stress Resistance through Positive Regulation of Catalase and Iron Homeostasis. <i>Journal of Bacteriology</i> , 2001, 183, 468-475.	2.2	252
132	Quantitative characterization of polyethylene debris isolated from periprosthetic tissue in early failure knee implants and early and late failure Charnley hip implants. <i>Journal of Biomedical Materials Research Part B</i> , 2001, 58, 415-420.	3.1	1
133	Effect of size and dose on bone resorption activity of macrophages by in vitro clinically relevant ultra high molecular weight polyethylene particles. <i>Journal of Biomedical Materials Research Part B</i> , 2000, 53, 490-497.	3.1	285
134	Evaluation of the response of primary human peripheral blood mononuclear phagocytes to challenge within vitro generated clinically relevant UHMWPE particles of known size and dose. <i>Journal of Biomedical Materials Research Part B</i> , 2000, 52, 296-307.	3.1	185
135	Comparison of the response of primary human peripheral blood mononuclear phagocytes from different donors to challenge with model polyethylene particles of known size and dose. <i>Biomaterials</i> , 2000, 21, 2033-2044.	11.4	85
136	Production of TNF- $\alpha$ and bone resorbing activity by macrophages in response to different types of bone cement particles. <i>Biomaterials</i> , 2000, 21, 1005-1013.	11.4	96
137	Heat shock proteins and inflammatory acne vulgaris: molecular cloning, overexpression and purification of a <i>Propionibacterium acnes</i> GroEL and DnaK homologue. <i>FEMS Microbiology Letters</i> , 2000, 191, 183-186.	1.8	29
138	Effect of size and dose on bone resorption activity of macrophages by in vitro clinically relevant ultra high molecular weight polyethylene particles. , 2000, 53, 490.		1
139	Heat shock proteins and inflammatory acne vulgaris: molecular cloning, overexpression and purification of a <i>Propionibacterium acnes</i> GroEL and DnaK homologue. <i>FEMS Microbiology Letters</i> , 2000, 191, 183-186.	1.8	1
140	The <i>Staphylococcus aureus</i> Alternative Sigma Factor $\sigma^B$ Controls the Environmental Stress Response but Not Starvation Survival or Pathogenicity in a Mouse Abscess Model. <i>Journal of Bacteriology</i> , 1998, 180, 6082-6089.	2.2	6