

James M Anderson

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

186
papers

18,487
citations

61
h-index

134
g-index

193
ext. papers

19,940
ext. citations

6.8
avg, IF

6.98
L-index

#	Paper	IF	Citations
186	Sung Wan Kim - Early events in blood/material interactions. <i>Journal of Controlled Release</i> , 2021 , 330, 31-35	11.7	1
185	Genipin guides and sustains the polarization of macrophages to the pro-regenerative M2 subtype via activation of the pSTAT6-PPAR-gamma pathway. <i>Acta Biomaterialia</i> , 2021 , 131, 198-210	10.8	5
184	Bioactive iron oxide nanoparticles suppress osteoclastogenesis and ovariectomy-induced bone loss through regulating the TRAF6-p62-CYLD signaling complex. <i>Acta Biomaterialia</i> , 2020 , 103, 281-292	10.8	19
183	Biocompatibility and Bioresponse to Biomaterials 2019 , 675-694		5
182	Iron oxide nanoparticles promote vascular endothelial cells survival from oxidative stress by enhancement of autophagy. <i>International Journal of Energy Production and Management</i> , 2019 , 6, 221-229	5.3	12
181	Iron oxide nanoparticles promote macrophage autophagy and inflammatory response through activation of toll-like Receptor-4 signaling. <i>Biomaterials</i> , 2019 , 203, 23-30	15.6	55
180	Woven collagen biotextiles enable mechanically functional rotator cuff tendon regeneration during repair of segmental tendon defects in vivo. <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , 2019 , 107, 1864-1876	3.5	26
179	Lactosylated -Alkyl polyethylenimine coated iron oxide nanoparticles induced autophagy in mouse dendritic cells. <i>International Journal of Energy Production and Management</i> , 2018 , 5, 141-149	5.3	18
178	Implications of the Acute and Chronic Inflammatory Response and the Foreign Body Reaction to the Immune Response of Implanted Biomaterials 2017 , 15-36		11
177	Cell-coating affects tissue integration of synthetic and biologic meshes: comparative analysis of the onlay and underlay mesh positioning in rats. <i>Surgical Endoscopy and Other Interventional Techniques</i> , 2016 , 30, 4445-53	5.2	11
176	An in vivo analysis of Miromesh--a novel porcine liver prosthetic created by perfusion decellularization. <i>Journal of Surgical Research</i> , 2016 , 201, 29-37	2.5	8
175	Future challenges in the in vitro and in vivo evaluation of biomaterial biocompatibility. <i>International Journal of Energy Production and Management</i> , 2016 , 3, 73-7	5.3	52
174	Exploiting the inflammatory response on biomaterials research and development. <i>Journal of Materials Science: Materials in Medicine</i> , 2015 , 26, 121	4.5	36
173	Tailoring the foreign body response for in situ vascular tissue engineering. <i>Tissue Engineering - Part C: Methods</i> , 2015 , 21, 436-46	2.9	21
172	Phenotypic expression in human monocyte-derived interleukin-4-induced foreign body giant cells and macrophages in vitro: dependence on material surface properties. <i>Journal of Biomedical Materials Research - Part A</i> , 2015 , 103, 1380-90	5.4	41
171	Tenogenic Induction of Human MSCs by Anisotropically Aligned Collagen Biotextiles. <i>Advanced Functional Materials</i> , 2014 , 24, 5762-5770	15.6	111
170	Methodology of fibroblast and mesenchymal stem cell coating of surgical meshes: a pilot analysis. <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , 2014 , 102, 797-805	3.5	14

169	Biomaterials: Factors Favoring Colonization and Infection 2014 , 89-109		16
168	In vivo quantitative and qualitative assessment of foreign body giant cell formation on biomaterials in mice deficient in natural killer lymphocyte subsets, mast cells, or the interleukin-4 receptor and in severe combined immunodeficient mice. <i>Journal of Biomedical Materials Research - Part A</i> , 2014 , 102, 2017-23	5.4	27
167	Lack of identifiable biologic behavior in a series of porcine mesh explants. <i>Surgery</i> , 2014 , 156, 183-9	3.6	20
166	Adsorbed fibrinogen enhances production of bone- and angiogenic-related factors by monocytes/macrophages. <i>Tissue Engineering - Part A</i> , 2014 , 20, 250-63	3.9	30
165	Controlling fibrous capsule formation through long-term down-regulation of collagen type I (COL1A1) expression by nanofiber-mediated siRNA gene silencing. <i>Acta Biomaterialia</i> , 2013 , 9, 4513-24	10.8	74
164	Biomaterial-Dependent Characteristics of the Foreign Body Response and <i>S. epidermidis</i> Biofilm Interactions 2013 , 119-149		5
163	Effect of surgical wound classification on biologic graft performance in complex hernia repair: an experimental study. <i>Surgery</i> , 2013 , 153, 481-92	3.6	28
162	Inflammation, Wound Healing, and the Foreign-Body Response 2013 , 503-512		11
161	Biocompatibility and degradation characteristics of PLGA-based electrospun nanofibrous scaffolds with nanoapatite incorporation. <i>Biomaterials</i> , 2012 , 33, 6604-14	15.6	134
160	In vitro and in vivo evaluation of the inflammatory response to nanoscale grooved substrates. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2012 , 8, 308-17	6	34
159	Biodegradation and biocompatibility of PLA and PLGA microspheres. <i>Advanced Drug Delivery Reviews</i> , 2012 , 64, 72-82	18.5	558
158	Host Response to Long Acting Injections and Implants 2012 , 25-55		3
157	First-in-human testing of a wirelessly controlled drug delivery microchip. <i>Science Translational Medicine</i> , 2012 , 4, 122ra21	17.5	283
156	Macrophage fusion and multinucleated giant cells of inflammation. <i>Advances in Experimental Medicine and Biology</i> , 2011 , 713, 97-111	3.6	115
155	Biocompatibility and Bioresponse to Biomaterials 2011 , 693-716		3
154	Mechanism of action of the Adiana(®) device: a histologic perspective. <i>Contraception</i> , 2011 , 84, 299-301	2.5	3
153	Foreign body-type multinucleated giant cells induced by interleukin-4 express select lymphocyte co-stimulatory molecules and are phenotypically distinct from osteoclasts and dendritic cells. <i>Experimental and Molecular Pathology</i> , 2011 , 91, 673-81	4.4	29
152	Biocompatibility of implants: lymphocyte/macrophage interactions. <i>Seminars in Immunopathology</i> , 2011 , 33, 221-33	12	164

151	The topographical effect of electrospun nanofibrous scaffolds on the in vivo and in vitro foreign body reaction. <i>Journal of Biomedical Materials Research - Part A</i> , 2010 , 93, 1151-9	5.4	109
150	Characterization of topographical effects on macrophage behavior in a foreign body response model. <i>Biomaterials</i> , 2010 , 31, 3479-91	15.6	273
149	Polymorphonuclear leukocyte inhibition of monocytes/macrophages in the foreign body reaction. <i>Journal of Biomedical Materials Research - Part A</i> , 2010 , 94, 683-7	5.4	3
148	In vivo kinetic degradation analysis and biocompatibility of aliphatic polyester polyurethanes. <i>Journal of Biomedical Materials Research - Part A</i> , 2010 , 94A, n/a-n/a	5.4	2
147	Paracrine and juxtacrine lymphocyte enhancement of adherent macrophage and foreign body giant cell activation. <i>Journal of Biomedical Materials Research - Part A</i> , 2009 , 89, 490-8	5.4	44
146	Lymphocyte adhesion and interactions with biomaterial adherent macrophages and foreign body giant cells. <i>Journal of Biomedical Materials Research - Part A</i> , 2009 , 91, 1210-20	5.4	41
145	Dynamic Systems Model for Lymphocyte Interactions with Macrophages at Biomaterial Surfaces. <i>Cellular and Molecular Bioengineering</i> , 2009 , 2, 573-590	3.9	5
144	Giant cell formation and function. <i>Current Opinion in Hematology</i> , 2009 , 16, 53-7	3.3	150
143	Quantitative in vivo cytokine analysis at synthetic biomaterial implant sites. <i>Journal of Biomedical Materials Research - Part A</i> , 2009 , 89, 152-9	5.4	38
142	In Vitro and In Vivo Monocyte, Macrophage, Foreign Body Giant Cell, and Lymphocyte Interactions with Biomaterials 2009 , 225-244		6
141	Foreign body-type multinucleated giant cell formation requires protein kinase C beta, delta, and zeta. <i>Experimental and Molecular Pathology</i> , 2008 , 84, 37-45	4.4	12
140	Foreign body reaction to biomaterials. <i>Seminars in Immunology</i> , 2008 , 20, 86-100	10.7	3186
139	Biocompatibility and Bioresponse to Biomaterials 2008 , 704-723		7
138	Matrix metalloproteinases and their inhibitors in the foreign body reaction on biomaterials. <i>Journal of Biomedical Materials Research - Part A</i> , 2008 , 84, 158-66	5.4	83
137	Lymphocyte/macrophage interactions: biomaterial surface-dependent cytokine, chemokine, and matrix protein production. <i>Journal of Biomedical Materials Research - Part A</i> , 2008 , 87, 676-87	5.4	71
136	Vitronectin is a critical protein adhesion substrate for IL-4-induced foreign body giant cell formation. <i>Journal of Biomedical Materials Research - Part A</i> , 2008 , 86, 535-43	5.4	95
135	Instability of self-assembled monolayers as a model material system for macrophage/FBGC cellular behavior. <i>Journal of Biomedical Materials Research - Part A</i> , 2008 , 86, 261-8	5.4	19
134	alpha subunit partners to beta1 and beta2 integrins during IL-4-induced foreign body giant cell formation. <i>Journal of Biomedical Materials Research - Part A</i> , 2007 , 82, 568-74	5.4	45

133	Proteomic analysis and quantification of cytokines and chemokines from biomaterial surface-adherent macrophages and foreign body giant cells. <i>Journal of Biomedical Materials Research - Part A</i> , 2007 , 83, 585-96	5.4	243
132	Phenotypic dichotomies in the foreign body reaction. <i>Biomaterials</i> , 2007 , 28, 5114-20	15.6	87
131	Macroporous condensed poly(tetrafluoroethylene). I. In vivo inflammatory response and healing characteristics. <i>Journal of Biomedical Materials Research - Part A</i> , 2006 , 76, 234-42	5.4	44
130	Antioxidant inhibition of poly(carbonate urethane) in vivo biodegradation. <i>Journal of Biomedical Materials Research - Part A</i> , 2006 , 76, 480-90	5.4	48
129	Local release of dexamethasone from polymer millirods effectively prevents fibrosis after radiofrequency ablation. <i>Journal of Biomedical Materials Research - Part A</i> , 2006 , 76, 174-82	5.4	20
128	Foreign Body Reaction 2006 ,		3
127	Enzymatic degradation of poly(ether urethane) and poly(carbonate urethane) by cholesterol esterase. <i>Biomaterials</i> , 2006 , 27, 3920-6	15.6	97
126	The future of biomedical materials. <i>Journal of Materials Science: Materials in Medicine</i> , 2006 , 17, 1025-8	4.5	42
125	Multinucleated giant cell formation exhibits features of phagocytosis with participation of the endoplasmic reticulum. <i>Experimental and Molecular Pathology</i> , 2005 , 79, 126-35	4.4	55
124	Surface modification of poly(ether urethane urea) with modified dehydroepiandrosterone for improved in vivo biostability. <i>Journal of Biomedical Materials Research - Part A</i> , 2005 , 73, 108-15	5.4	15
123	Phospholipid polymer surfaces reduce bacteria and leukocyte adhesion under dynamic flow conditions. <i>Journal of Biomedical Materials Research - Part A</i> , 2005 , 73, 359-66	5.4	50
122	Lymphocytes and the foreign body response: lymphocyte enhancement of macrophage adhesion and fusion. <i>Journal of Biomedical Materials Research - Part A</i> , 2005 , 74, 222-9	5.4	93
121	Student Research Award in the Undergraduate Degree Candidate category, 30th Annual Meeting of the Society for Biomaterials, Memphis, Tennessee, April 27-30, 2005. Monocyte/lymphocyte interactions and the foreign body response: in vitro effects of biomaterial surface chemistry. <i>Journal of Biomedical Materials Research - Part A</i> , 2005 , 74, 285-93	5.4	55
120	Biostability and macrophage-mediated foreign body reaction of silicone-modified polyurethanes. <i>Journal of Biomedical Materials Research - Part A</i> , 2005 , 74, 141-55	5.4	48
119	Macrophage behavior on surface-modified polyurethanes. <i>Journal of Biomaterials Science, Polymer Edition</i> , 2004 , 15, 567-84	3.5	57
118	In vivo inflammatory and wound healing effects of gold electrode voltammetry for MEMS micro-reservoir drug delivery device. <i>IEEE Transactions on Biomedical Engineering</i> , 2004 , 51, 627-35	5	25
117	Effect of fibrous capsule formation on doxorubicin distribution in radiofrequency ablated rat livers. <i>Journal of Biomedical Materials Research Part B</i> , 2004 , 69, 398-406		15
116	Poly(carbonate urethane) and poly(ether urethane) biodegradation: in vivo studies. <i>Journal of Biomedical Materials Research Part B</i> , 2004 , 69, 407-16		137

115	Biomaterial surface-dependent neutrophil mobility. <i>Journal of Biomedical Materials Research Part B</i> , 2004 , 69, 611-20		16
114	Repeated in vivo electrochemical activation and the biological effects of microelectromechanical systems drug delivery device. <i>Journal of Biomedical Materials Research Part B</i> , 2004 , 71, 559-68		9
113	Oxidative mechanisms of poly(carbonate urethane) and poly(ether urethane) biodegradation: in vivo and in vitro correlations. <i>Journal of Biomedical Materials Research Part B</i> , 2004 , 70, 245-55		167
112	Surface chemistry mediates adhesive structure, cytoskeletal organization, and fusion of macrophages. <i>Journal of Biomedical Materials Research Part B</i> , 2004 , 71, 439-48		59
111	Effects of adsorbed heat labile serum proteins and fibrinogen on adhesion and apoptosis of monocytes/macrophages on biomaterials. <i>Journal of Materials Science: Materials in Medicine</i> , 2003 , 14, 671-5	4-5	46
110	In vivo leukocyte cytokine mRNA responses to biomaterials are dependent on surface chemistry. <i>Journal of Biomedical Materials Research Part B</i> , 2003 , 64, 320-9		149
109	Effect of strain and strain rate on fatigue-accelerated biodegradation of polyurethane. <i>Journal of Biomedical Materials Research Part B</i> , 2003 , 66, 463-75		21
108	Biocompatibility and biofouling of MEMS drug delivery devices. <i>Biomaterials</i> , 2003 , 24, 1959-67	15.6	444
107	Foreign body-type multinucleated giant cell formation is potently induced by alpha-tocopherol and prevented by the diacylglycerol kinase inhibitor R59022. <i>American Journal of Pathology</i> , 2003 , 163, 1147-58	5.8	53
106	Interleukin-4 inhibits tumor necrosis factor-alpha-induced and spontaneous apoptosis of biomaterial-adherent macrophages. <i>Translational Research</i> , 2002 , 139, 90-100		41
105	Shear stress and material surface effects on adherent human monocyte apoptosis. <i>Journal of Biomedical Materials Research Part B</i> , 2002 , 60, 148-58		28
104	Activation of caspase 3 during shear stress-induced neutrophil apoptosis on biomaterials. <i>Journal of Biomedical Materials Research Part B</i> , 2002 , 62, 163-8		15
103	Adhesion behavior of monocytes, macrophages, and foreign body giant cells on poly (N-isopropylacrylamide) temperature-responsive surfaces. <i>Journal of Biomedical Materials Research Part B</i> , 2002 , 59, 136-43		38
102	Biomaterial adherent macrophage apoptosis is increased by hydrophilic and anionic substrates in vivo. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2002 , 99, 10287-92	11.5	192
101	Beta1 and beta2 integrins mediate adhesion during macrophage fusion and multinucleated foreign body giant cell formation. <i>American Journal of Pathology</i> , 2002 , 160, 621-30	5.8	176
100	Healing response to the Clamshell device for closure of intracardiac defects in humans. <i>Catheterization and Cardiovascular Interventions</i> , 2001 , 54, 101-11	2.7	34
99	Biodegradation of polyether polyurethane inner insulation in bipolar pacemaker leads. <i>Journal of Biomedical Materials Research Part B</i> , 2001 , 58, 302-7		124
98	Influence of biomaterial surface chemistry on the apoptosis of adherent cells. <i>Journal of Biomedical Materials Research Part B</i> , 2001 , 55, 661-8		160

97	Adherent endotoxin on orthopedic wear particles stimulates cytokine production and osteoclast differentiation. <i>Journal of Bone and Mineral Research</i> , 2001 , 16, 2082-91	6.3	186
96	Biological Responses to Materials. <i>Annual Review of Materials Research</i> , 2001 , 31, 81-110	12.8	1102
95	Biodegradation of polyether polyurethane inner insulation in bipolar pacemaker leads 2001 , 58, 302		1
94	Multinucleated giant cells. <i>Current Opinion in Hematology</i> , 2000 , 7, 40-7	3.3	247
93	Surface chemistry control of monocyte and macrophage adhesion, morphology, and fusion. <i>Journal of Biomedical Materials Research Part B</i> , 2000 , 49, 141-5		24
92	Adsorbed serum proteins responsible for surface dependent human macrophage behavior. <i>Journal of Biomedical Materials Research Part B</i> , 2000 , 49, 435-47		236
91	Adsorbed IgG: a potent adhesive substrate for human macrophages. <i>Journal of Biomedical Materials Research Part B</i> , 2000 , 50, 281-90		62
90	High molecular weight kininogen inhibition of endothelial cell function on biomaterials. <i>Journal of Biomedical Materials Research Part B</i> , 2000 , 51, 1-9		7
89	Prevention of monocyte adhesion and inflammatory cytokine production during blood platelet storage: an in vitro model with implications for transfusion practice. <i>Journal of Biomedical Materials Research Part B</i> , 2000 , 51, 147-54		9
88	Laboratory-scale mass production of a multi-micropatterned grafted surface with different polymer regions. <i>Journal of Biomedical Materials Research Part B</i> , 2000 , 53, 584-91		29
87	Monocyte Adhesion to Platelet Concentrate Storage Bags and Cytokine Production. <i>Vox Sanguinis</i> , 2000 , 78, 133-133	3.1	1
86	Adsorbed serum proteins responsible for surface dependent human macrophage behavior 2000 , 49, 435		2
85	Disruption of filamentous actin inhibits human macrophage fusion. <i>FASEB Journal</i> , 1999 , 13, 823-32	0.9	60
84	Cytoskeletal and adhesive structural polarizations accompany IL-13-induced human macrophage fusion. <i>Journal of Histochemistry and Cytochemistry</i> , 1999 , 47, 65-74	3.4	71
83	Issues and perspectives on the biocompatibility and immunotoxicity evaluation of implanted controlled release systems. <i>Journal of Controlled Release</i> , 1999 , 57, 107-13	11.7	118
82	Cyclic-strain-induced endothelial cell expression of adhesion molecules and their roles in monocyte-endothelial interaction. <i>Journal of Biomedical Materials Research Part B</i> , 1999 , 44, 87-97		23
81	Effects of surface-coupled polyethylene oxide on human macrophage adhesion and foreign body giant cell formation in vitro. <i>Journal of Biomedical Materials Research Part B</i> , 1999 , 44, 206-16		93
80	Effects of photochemically immobilized polymer coatings on protein adsorption, cell adhesion, and the foreign body reaction to silicone rubber. <i>Journal of Biomedical Materials Research Part B</i> , 1999 , 44, 298-307		64

79	Spatial regulation and surface chemistry control of monocyte/macrophage adhesion and foreign body giant cell formation by photochemically micropatterned surfaces. <i>Journal of Biomedical Materials Research Part B</i> , 1999 , 45, 148-54		62
78	Alkylsilane-modified surfaces: inhibition of human macrophage adhesion and foreign body giant cell formation. <i>Journal of Biomedical Materials Research Part B</i> , 1999 , 46, 11-21		45
77	In vitro cytotoxicity and in vivo biocompatibility of poly(propylene fumarate-co-ethylene glycol) hydrogels. <i>Journal of Biomedical Materials Research Part B</i> , 1999 , 46, 22-32		100
76	Shear stress effects on bacterial adhesion, leukocyte adhesion, and leukocyte oxidative capacity on a polyetherurethane. <i>Journal of Biomedical Materials Research Part B</i> , 1999 , 46, 511-9		43
75	Photochemically immobilized polymer coatings: effects on protein adsorption, cell adhesion, and leukocyte activation. <i>Journal of Biomaterials Science, Polymer Edition</i> , 1999 , 10, 1063-74	3.5	31
74	Effects of surface-coupled polyethylene oxide on human macrophage adhesion and foreign body giant cell formation in vitro 1999 , 44, 206		1
73	In vitro cytotoxicity and in vivo biocompatibility of poly(propylene fumarate-co-ethylene glycol) hydrogels 1999 , 46, 22		1
72	Host response to tissue engineered devices. <i>Advanced Drug Delivery Reviews</i> , 1998 , 33, 111-139	18.5	453
71	Recent advances in biomedical polyurethane biostability and biodegradation. <i>Polymer International</i> , 1998 , 46, 163-171	3.3	81
70	Blood and tissue compatibility of modified polyester: thrombosis, inflammation, and healing. <i>Journal of Biomedical Materials Research Part B</i> , 1998 , 39, 130-40		47
69	Adhesion of Staphylococcus epidermidis and transposon mutant strains to hydrophobic polyethylene. <i>Journal of Biomedical Materials Research Part B</i> , 1998 , 39, 341-50		41
68	Detection of bacterial adherence on biomedical polymers. <i>Journal of Biomedical Materials Research Part B</i> , 1998 , 39, 415-22		43
67	Human monocyte/macrophage adhesion, macrophage motility, and IL-4-induced foreign body giant cell formation on silane-modified surfaces in vitro. Student Research Award in the Master's Degree Candidate Category, 24th Annual Meeting of the Society for Biomaterials, San Diego, CA, April 22-26, 1998. <i>Journal of Biomedical Materials Research Part B</i> , 1998 , 41, 171-84		77
66	In vitro and in vivo degradation of poly(propylene fumarate-co-ethylene glycol) hydrogels. <i>Journal of Biomedical Materials Research Part B</i> , 1998 , 42, 312-20		77
65	Bacterial surface properties of clinically isolated Staphylococcus epidermidis strains determine adhesion on polyethylene. <i>Journal of Biomedical Materials Research Part B</i> , 1998 , 42, 425-32		62
64	Biocompatibility of Tissue Engineered Implants 1998 , 152-165		3
63	Recent advances in biomedical polyurethane biostability and biodegradation 1998 , 46, 163		1
62	Bacterial surface properties of clinically isolated Staphylococcus epidermidis strains determine adhesion on polyethylene 1998 , 42, 425		3

61	Biocompatibility of ABA triblock copolymer microparticles consisting of poly(L-lactic-co-glycolic-acid) A-blocks attached to central poly(oxyethylene) B-blocks in rats after intramuscular injection. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 1997 , 43, 19-28	5.7	23
60	Biodegradation and biocompatibility of PLA and PLGA microspheres. <i>Advanced Drug Delivery Reviews</i> , 1997 , 28, 5-24	18.5	1721
59	Comparison of two antioxidants for poly(etherurethane urea) in an accelerated in vitro biodegradation system. <i>Journal of Biomedical Materials Research Part B</i> , 1997 , 34, 493-505		32
58	Role of oxygen in biodegradation of poly(etherurethane urea) elastomers. <i>Journal of Biomedical Materials Research Part B</i> , 1997 , 34, 519-30		98
57	The effect of strain state on the biostability of a poly(etherurethane urea) elastomer. <i>Journal of Biomedical Materials Research Part B</i> , 1997 , 35, 319-28		28
56	Leukocyte-biomaterial interactions in the presence of Staphylococcus epidermidis: flow cytometric evaluation of leukocyte activation. <i>Journal of Biomedical Materials Research Part B</i> , 1997 , 35, 409-20		11
55	In vivo biocompatibility and biostability of modified polyurethanes. <i>Journal of Biomedical Materials Research Part B</i> , 1997 , 36, 246-57		163
54	Directions for improvement of substitute heart valves: National Heart, Lung, and Blood Institute Working Group report on heart valves. <i>Journal of Biomedical Materials Research Part B</i> , 1997 , 38, 263-6		18
53	In vivo biocompatibility and biostability of modified polyurethanes 1997 , 36, 246		2
52	Host Reactions to Biomaterials and Their Evaluation 1996 , 165-214		38
51	In vivo biocompatibility study of ABA triblock copolymers consisting of poly(L-lactic-co-glycolic acid) A blocks attached to central poly(oxyethylene) B blocks. <i>Journal of Biomedical Materials Research Part B</i> , 1996 , 30, 31-40		92
50	Complement-mediated leukocyte adhesion on poly(etherurethane ureas) under shear stress in vitro. <i>Journal of Biomedical Materials Research Part B</i> , 1996 , 32, 99-109		24
49	Vitamin E as an antioxidant for poly(etherurethane urea): in vivo studies. Student Research Award in the Doctoral Degree Candidate Category, Fifth World Biomaterials Congress (22nd Annual Meeting of the Society for Biomaterials), Toronto, Canada, May 29-June 2, 1996. <i>Journal of Biomedical Materials Research Part B</i> , 1996 , 32, 493-504		40
48	Host Reactions to Biomaterials and Their Evaluation 1996 , 293-X		2
47	In vivo biocompatibility study of ABA triblock copolymers consisting of poly(L-lactic-co-glycolic acid) A blocks attached to central poly(oxyethylene) B blocks 1996 , 30, 31		4
46	Polyurethane elastomer biostability. <i>Journal of Biomaterials Applications</i> , 1995 , 9, 321-54	2.9	303
45	Protein adsorption and macrophage activation on polydimethylsiloxane and silicone rubber. <i>Journal of Biomaterials Science, Polymer Edition</i> , 1995 , 7, 159-69	3.5	84
44	Electroanalytical and biocompatibility studies on microfabricated array sensors. <i>Electroanalysis</i> , 1995 , 7, 864-870	3	34

43	Blood-biomaterial interactions in a flow system in the presence of bacteria: effect of protein adsorption. <i>Journal of Biomedical Materials Research Part B</i> , 1995 , 29, 247-56		23
42	Oxidative biodegradation mechanisms of biaxially strained poly(etherurethane urea) elastomers. <i>Journal of Biomedical Materials Research Part B</i> , 1995 , 29, 337-47		103
41	Adhesion of Staphylococcus epidermidis to biomedical polymers: contributions of surface thermodynamics and hemodynamic shear conditions. <i>Journal of Biomedical Materials Research Part B</i> , 1995 , 29, 485-93		59
40	Role for interleukin-4 in foreign-body giant cell formation on a poly(etherurethane urea) in vivo. <i>Journal of Biomedical Materials Research Part B</i> , 1995 , 29, 1267-75		126
39	Ion-Selective Microchemical Sensors with Reduced Preconditioning Time. Membrane Biostability Studies and Applications in Blood Analysis. <i>Analytical Letters</i> , 1994 , 27, 3039-3063	2.2	32
38	Theoretical analysis of in vivo macrophage adhesion and foreign body giant cell formation on polydimethylsiloxane, low density polyethylene, and polyetherurethanes. <i>Journal of Biomedical Materials Research Part B</i> , 1994 , 28, 73-9		67
37	Theoretical analysis of in vivo macrophage adhesion and foreign body giant cell formation on strained poly(etherurethane urea) elastomers. <i>Journal of Biomedical Materials Research Part B</i> , 1994 , 28, 819-29		44
36	Biocompatibility of a new semisolid bioerodible poly(ortho ester) intended for the ocular delivery of 5-fluorouracil. <i>Journal of Biomedical Materials Research Part B</i> , 1994 , 28, 1037-46		22
35	Chapter 19 Cardiovascular device retrieval and evaluation. <i>Cardiovascular Pathology</i> , 1993 , 2, 199-208	3.8	12
34	Chapter 4 Mechanisms of inflammation and infection with implanted devices. <i>Cardiovascular Pathology</i> , 1993 , 2, 33-41	3.8	285
33	Protein adsorption onto poly(ether urethane ureas) containing Methacrol 2138F: a surface-active amphiphilic additive. <i>Journal of Biomedical Materials Research Part B</i> , 1993 , 27, 255-67		33
32	Protein adsorption to poly(ether urethane ureas) modified with acrylate and methacrylate polymer and copolymer additives. <i>Journal of Biomedical Materials Research Part B</i> , 1993 , 27, 367-77		28
31	Attachment and proliferation of bovine aortic endothelial cells onto additive modified poly(ether urethane ureas). <i>Journal of Biomedical Materials Research Part B</i> , 1993 , 27, 483-92		9
30	Protein adsorption and endothelial cell attachment and proliferation on PAPI-based additive modified poly(ether urethane ureas). <i>Journal of Biomedical Materials Research Part B</i> , 1993 , 27, 499-510		11
29	Biotolerance of a semisolid hydrophobic biodegradable poly(ortho ester) for controlled drug delivery. <i>Journal of Biomedical Materials Research Part B</i> , 1993 , 27, 677-81		22
28	Platelet-mediated adhesion of Staphylococcus epidermidis to hydrophobic NHLBI reference polyethylene. <i>Journal of Biomedical Materials Research Part B</i> , 1993 , 27, 1119-28		25
27	In vivo biocompatibility studies of medisorb [®] 65/35 D,L-lactide/glycolide copolymer microspheres. <i>Journal of Controlled Release</i> , 1993 , 24, 81-93	11.7	93
26	Biocompatibility studies of naltrexone sustained release formulations. <i>Journal of Controlled Release</i> , 1992 , 19, 299-314	11.7	57

25	Biocompatibility studies on plasma polymerized interface materials encompassing both hydrophobic and hydrophilic surfaces. <i>Journal of Biomedical Materials Research Part B</i> , 1992 , 26, 915-35		53
24	Protein adsorption from human plasma is reduced on phospholipid polymers. <i>Journal of Biomedical Materials Research Part B</i> , 1991 , 25, 1397-407		392
23	Human blood protein and cell interactions with cardiovascular materials 1991 , 45-55		4
22	Ventricular assist device (VAD) pathology analyses: guidelines for clinical studies. <i>Journal of Applied Biomaterials: an Official Journal of the Society for Biomaterials</i> , 1990 , 1, 49-56		13
21	In vivo leucocyte interactions on Pellethane surfaces. <i>Biomaterials</i> , 1990 , 11, 370-8	15.6	30
20	Morphologic characteristics of adsorbed human plasma proteins on vascular grafts and biomaterials. <i>Journal of Vascular Surgery</i> , 1990 , 11, 599-606	3.5	63
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