

Julia Buján Varela

List of Publications by Year in descending order

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Version: 2024-02-01

205
papers

4,533
citations

109321

35
h-index

175258

52
g-index

212
all docs

212
docs citations

212
times ranked

3802
citing authors

#	ARTICLE	IF	CITATIONS
1	Overexpression of glycolysis markers in placental tissue of pregnant women with chronic venous disease: a histological study. <i>International Journal of Medical Sciences</i> , 2022, 19, 186-194.	2.5	7
2	Brain-Derived Neurotrophic Factor Levels in Cord Blood from Growth Restricted Fetuses with Doppler Alteration Compared to Adequate for Gestational Age Fetuses. <i>Medicina (Lithuania)</i> , 2022, 58, 178.	2.0	2
3	The Pivotal Role of the Placenta in Normal and Pathological Pregnancies: A Focus on Preeclampsia, Fetal Growth Restriction, and Maternal Chronic Venous Disease. <i>Cells</i> , 2022, 11, 568.	4.1	39
4	Contribution of the Elastic Component and Venous Wall Arterialization in Patients with Venous Reflux. <i>Journal of Personalized Medicine</i> , 2022, 12, 260.	2.5	3
5	Modification of the Polymer of a Bone Cement with Biodegradable Microspheres of PLGA and Loading with Daptomycin and Vancomycin Improve the Response to Bone Tissue Infection. <i>Polymers</i> , 2022, 14, 888.	4.5	5
6	Chronic Venous Disease in Pregnant Women Causes an Increase in ILK in the Placental Villi Associated with a Decrease in E-Cadherin. <i>Journal of Personalized Medicine</i> , 2022, 12, 277.	2.5	6
7	Implication of ERBB2 as a Predictive Tool for Survival in Patients with Pancreatic Cancer in Histological Studies. <i>Current Oncology</i> , 2022, 29, 2442-2453.	2.2	6
8	Clinical Applications of Classical and Novel Biological Markers of Pancreatic Cancer. <i>Cancers</i> , 2022, 14, 1866.	3.7	6
9	Prognostic role of ISR-4 in the survival of patients with pancreatic cancer.. <i>Histology and Histopathology</i> , 2022, , 18432.	0.7	4
10	Oxidative Stress Markers Are Associated with a Poor Prognosis in Patients with Pancreatic Cancer. <i>Antioxidants</i> , 2022, 11, 759.	5.1	5
11	Patients with Invasive Lobular Carcinoma Show a Significant Increase in IRS-4 Expression Compared to Infiltrative Ductal Carcinoma—A Histopathological Study. <i>Medicina (Lithuania)</i> , 2022, 58, 722.	2.0	2
12	Histopathological study of JNK in venous wall of patients with chronic venous insufficiency related to osteogenesis process. <i>International Journal of Medical Sciences</i> , 2021, 18, 1921-1934.	2.5	9
13	Abnormal proinflammatory and stressor environmental with increased the regulatory cellular IGF-1/PAPP-A/STC and Wnt-1/ β -Catenin canonical pathway in placenta of women with Chronic venous Disease during Pregnancy. <i>International Journal of Medical Sciences</i> , 2021, 18, 2814-2827.	2.5	15
14	Nutritional Components in Western Diet Versus Mediterranean Diet at the Gut Microbiota—Immune System Interplay. Implications for Health and Disease. <i>Nutrients</i> , 2021, 13, 699.	4.1	183
15	Factors Associated with Failure of Bakri Balloon Tamponade for the Management of Postpartum Haemorrhage. Case Series Study and Systematic Review. <i>Healthcare (Switzerland)</i> , 2021, 9, 295.	2.0	7
16	Pelvic Floor Morbidity Following Vaginal Delivery versus Cesarean Delivery: Systematic Review and Meta-Analysis. <i>Journal of Clinical Medicine</i> , 2021, 10, 1652.	2.4	13
17	An Updated Review of SARS-CoV-2 Vaccines and the Importance of Effective Vaccination Programs in Pandemic Times. <i>Vaccines</i> , 2021, 9, 433.	4.4	85
18	A New Multiplatform Model for Outpatient Prenatal and Postpartum Care in a Cohort of COVID-19-Affected Obstetric Patients. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 5144.	2.6	4

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19	Possible Role of IRS-4 in the Origin of Multifocal Hepatocellular Carcinoma. <i>Cancers</i> , 2021, 13, 2560.	3.7	10
20	Influence of Psychological Distress in Patients with Hypoallergenic Total Knee Arthroplasty. Treatment Algorithm for Patients with Metal Allergy and Knee Osteoarthritis. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 5997.	2.6	5
21	An increase in elastogenic components in the placental villi of women with chronic venous disease during pregnancy is associated with decreased EGFL7 expression level. <i>Molecular Medicine Reports</i> , 2021, 24, .	2.4	6
22	Influence of Cerebral Vasodilation on Blood Reelin Levels in Growth Restricted Fetuses. <i>Diagnostics</i> , 2021, 11, 1036.	2.6	2
23	Tissue remodelling and increased DNA damage in patients with incompetent valves in chronic venous insufficiency. <i>Journal of Cellular and Molecular Medicine</i> , 2021, 25, 7878-7889.	3.6	6
24	Newborns of Mothers with Venous Disease during Pregnancy Show Increased Levels of Lipid Peroxidation and Markers of Oxidative Stress and Hypoxia in the Umbilical Cord. <i>Antioxidants</i> , 2021, 10, 980.	5.1	12
25	Understanding Chronic Venous Disease: A Critical Overview of Its Pathophysiology and Medical Management. <i>Journal of Clinical Medicine</i> , 2021, 10, 3239.	2.4	68
26	Risk Factors in Third and Fourth Degree Perineal Tears in Women in a Tertiary Centre: An Observational Ambispective Cohort Study. <i>Journal of Personalized Medicine</i> , 2021, 11, 685.	2.5	9
27	Association Between Lower Extremity Venous Insufficiency and Intrapartum Fetal Compromise: A Nationwide Cross-Sectional Study. <i>Frontiers in Medicine</i> , 2021, 8, 577096.	2.6	4
28	Wear Risk Prevention and Reduction in Total Hip Arthroplasty. A Personalized Study Comparing Cement and Cementless Fixation Techniques Employing Finite Element Analysis. <i>Journal of Personalized Medicine</i> , 2021, 11, 780.	2.5	11
29	Mesenchymal adipose stem cells maintain the capacity for differentiation and survival in culture beyond the long term. <i>Journal of Histotechnology</i> , 2021, 44, 217-233.	0.5	3
30	A General Overview on the Hyperbaric Oxygen Therapy: Applications, Mechanisms and Translational Opportunities. <i>Medicina (Lithuania)</i> , 2021, 57, 864.	2.0	81
31	Chronic venous disease patients show increased IRS-4 expression in the great saphenous vein wall. <i>Journal of International Medical Research</i> , 2021, 49, 030006052110412.	1.0	3
32	Mouse Models for Human Skin Transplantation: A Systematic Review. <i>Cells Tissues Organs</i> , 2021, 210, 250-259.	2.3	7
33	Towards an updated view on the clinical management of pancreatic adenocarcinoma: Current and future perspectives (Review). <i>Oncology Letters</i> , 2021, 22, 809.	1.8	7
34	The Profile of the Obstetric Patients with SARS-CoV-2 Infection According to Country of Origin of the Publication: A Systematic Review of the Literature. <i>Journal of Clinical Medicine</i> , 2021, 10, 360.	2.4	15
35	Defective expression of the peroxisome regulators PPAR α receptors and lysogenesis with increased cellular senescence in the venous wall of chronic venous disorder. <i>Histology and Histopathology</i> , 2021, 36, 547-558.	0.7	9
36	Physical Activity as an Imperative Support in Breast Cancer Management. <i>Cancers</i> , 2021, 13, 55.	3.7	22

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37	Applications of Polymeric Composites in Bone Tissue Engineering and Jawbone Regeneration. <i>Polymers</i> , 2021, 13, 3429.	4.5	15
38	Actinomycin D Arrests Cell Cycle of Hepatocellular Carcinoma Cell Lines and Induces p53-Dependent Cell Death: A Study of the Molecular Mechanism Involved in the Protective Effect of IRS-4. <i>Pharmaceuticals</i> , 2021, 14, .	3.8	1
39	Analysis of the Risk of Wear on Cemented and Uncemented Polyethylene Liners According to Different Variables in Hip Arthroplasty. <i>Materials</i> , 2021, 14, 7243.	2.9	5
40	Actinomycin D Arrests Cell Cycle of Hepatocellular Carcinoma Cell Lines and Induces p53-Dependent Cell Death: A Study of the Molecular Mechanism Involved in the Protective Effect of IRS-4. <i>Pharmaceuticals</i> , 2021, 14, 845.	3.8	6
41	The Role of the Stromal Extracellular Matrix in the Development of Pterygium Pathology: An Update. <i>Journal of Clinical Medicine</i> , 2021, 10, 5930.	2.4	4
42	Decrease of Quality of Life, Functional Assessment and Associated Psychological Distress in Patients with Hypoallergenic Total Knee Arthroplasty. <i>Journal of Clinical Medicine</i> , 2020, 9, 3270.	2.4	7
43	Lipidomic profiling of chorionic villi in the placentas of women with chronic venous disease. <i>International Journal of Medical Sciences</i> , 2020, 17, 2790-2798.	2.5	7
44	The Regulatory Role of Mitochondrial MicroRNAs (MitomiRs) in Breast Cancer: Translational Implications Present and Future. <i>Cancers</i> , 2020, 12, 2443.	3.7	28
45	Dendrimers and Dendritic Materials: From Laboratory to Medical Practice in Infectious Diseases. <i>Pharmaceutics</i> , 2020, 12, 874.	4.5	39
46	Type 2 Diabetes Mellitus Associated with Obesity (Diabesity). The Central Role of Gut Microbiota and Its Translational Applications. <i>Nutrients</i> , 2020, 12, 2749.	4.1	58
47	Maternal and Perinatal Outcomes in Patients with Suspected COVID-19 and Their Relationship with a Negative RT-PCR Result. <i>Journal of Clinical Medicine</i> , 2020, 9, 3552.	2.4	16
48	Signal Transduction Pathways in Breast Cancer: The Important Role of PI3K/Akt/mTOR. <i>Journal of Oncology</i> , 2020, 2020, 1-11.	1.3	125
49	Pregnancy-associated venous insufficiency course with placental and systemic oxidative stress. <i>Journal of Cellular and Molecular Medicine</i> , 2020, 24, 4157-4170.	3.6	27
50	Chitosan hydrogels functionalized with either unfractionated heparin or bemiparin improve diabetic wound healing. <i>Biomedicine and Pharmacotherapy</i> , 2020, 129, 110498.	5.6	24
51	Increased Angiogenesis and Lymphangiogenesis in the Placental Villi of Women with Chronic Venous Disease during Pregnancy. <i>International Journal of Molecular Sciences</i> , 2020, 21, 2487.	4.1	23
52	Chronic Venous Disease Patients Showed Altered Expression of IGF-1/PAPP-A/STC-2 Axis in the Vein Wall. <i>BioMed Research International</i> , 2020, 2020, 1-8.	1.9	5
53	An integrative look at SARS-CoV-2 (Review). <i>International Journal of Molecular Medicine</i> , 2020, 47, 415-434.	4.0	17
54	Update on uveal melanoma: Translational research from biology to clinical practice (Review). <i>International Journal of Oncology</i> , 2020, 57, 1262-1279.	3.3	35

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55	Patients with Incompetent Valves in Chronic Venous Insufficiency Show Increased Systematic Lipid Peroxidation and Cellular Oxidative Stress Markers. <i>Oxidative Medicine and Cellular Longevity</i> , 2019, 2019, 1-9.	4.0	21
56	Local Growth Hormone Therapy for Pressure Ulcer Healing on a Human Skin Mouse Model. <i>International Journal of Molecular Sciences</i> , 2019, 20, 4157.	4.1	13
57	Experimental study of the application of a new bone cement loaded with broad spectrum antibiotics for the treatment of bone infection. <i>Revista Española De Cirugía Ortopédica Y Traumatología</i> , 2019, 63, 95-103.	0.1	6
58	Poly(lactide-co-glycolic acid) microspheres added to fixative cements and its role on bone infected architecture. <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , 2019, 107, 2517-2526.	3.4	9
59	Upregulation of VEGF and PEDF in Placentas of Women with Lower Extremity Venous Insufficiency during Pregnancy and Its Implication in Villous Calcification. <i>BioMed Research International</i> , 2019, 2019, 1-8.	1.9	21
60	Estudio experimental de la aplicación de un nuevo cemento óseo cargado con antibióticos de amplio espectro para el tratamiento de la infección ósea. <i>Revista Española De Cirugía Ortopédica Y Traumatología</i> , 2019, 63, 95-103.	0.1	7
61	Elevated blood/lymphatic vessel ratio in pterygium and its relationship with vascular endothelial growth factor (VEGF) distribution. <i>Histology and Histopathology</i> , 2019, 34, 917-929.	0.7	6
62	Placentas from women with pregnancy-associated venous insufficiency show villi damage with evidence of hypoxic cellular stress. <i>Human Pathology</i> , 2018, 77, 45-53.	2.0	32
63	Immuno-modulatory effect of local rhEGF treatment during tissue repair in diabetic ulcers. <i>Endocrine Connections</i> , 2018, 7, 584-594.	1.9	7
64	Skeletal muscle IL-15 and myofibrillar protein synthesis after resistance exercise. <i>Scandinavian Journal of Medicine and Science in Sports</i> , 2018, 28, 116-125.	2.9	48
65	Serum IL-15 and $\text{IL-15R}\alpha$ levels are decreased in lean and obese physically active humans. <i>Scandinavian Journal of Medicine and Science in Sports</i> , 2018, 28, 1113-1120.	2.9	35
66	Unravelling the Role of MAPKs (ERK1/2) in Venous Reflux in Patients with Chronic Venous Disorder. <i>Cells Tissues Organs</i> , 2018, 206, 272-282.	2.3	20
67	Behavior of Smooth Muscle Cells under Hypoxic Conditions: Possible Implications on the Varicose Vein Endothelium. <i>BioMed Research International</i> , 2018, 2018, 1-9.	1.9	21
68	Improved connective integration of a degradable 3D-nano-apatite/agarose scaffold subcutaneously implanted in a rat model. <i>Journal of Biomaterials Applications</i> , 2018, 33, 741-752.	2.4	9
69	Increase and Redistribution of Sex Hormone Receptors in Premenopausal Women Are Associated with Varicose Vein Remodelling. <i>Oxidative Medicine and Cellular Longevity</i> , 2018, 2018, 1-9.	4.0	26
70	Implication of the PI3K/Akt/mTOR Pathway in the Process of Incompetent Valves in Patients with Chronic Venous Insufficiency and the Relationship with Aging. <i>Oxidative Medicine and Cellular Longevity</i> , 2018, 2018, 1-14.	4.0	27
71	Remodelling of collagen fibres in the placentas of women with venous insufficiency during pregnancy. <i>Histology and Histopathology</i> , 2018, 33, 567-576.	0.7	30
72	Human skin model for mimic dermal studies in pathology with a clinical implication in pressure ulcers. <i>Histology and Histopathology</i> , 2018, 33, 959-970.	0.7	18

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73	Effects of a novel NADPH oxidase inhibitor (S42909) on wound healing in an experimental ischemic excisional skin model. <i>Experimental Dermatology</i> , 2017, 26, 148-155.	2.9	7
74	Chronic Treatment with Minoxidil Induces Elastic Fiber Neosynthesis and Functional Improvement in the Aorta of Aged Mice. <i>Rejuvenation Research</i> , 2017, 20, 218-230.	1.8	33
75	Development of advanced biantibiotic loaded bone cement spacers for arthroplasty associated infections. <i>International Journal of Pharmaceutics</i> , 2017, 522, 11-20.	5.2	23
76	Excessive Weight Favours Skin Physiology - Up to a Point: Another Expression of the Obesity Paradox. <i>Skin Pharmacology and Physiology</i> , 2017, 30, 94-101.	2.5	18
77	High Sensitivity of Human Adipose Stem Cells to Differentiate into Myofibroblasts in the Presence of <i>C. aspersa</i> Egg Extract. <i>Stem Cells International</i> , 2017, 2017, 1-9.	2.5	8
78	3D silicon doped hydroxyapatite scaffolds decorated with Elastin-like Recombinamers for bone regenerative medicine. <i>Acta Biomaterialia</i> , 2016, 45, 349-356.	8.3	22
79	Dietary water affects human skin hydration and biomechanics. <i>Clinical, Cosmetic and Investigational Dermatology</i> , 2015, 8, 413.	1.8	30
80	Bioactive bilayered dressing for compromised epidermal tissue regeneration with sequential activity of complementary agents. <i>Acta Biomaterialia</i> , 2015, 23, 103-115.	8.3	45
81	Regarding the quantification of peripheral microcirculation "Comparing responses evoked in the in vivo human lower limb by postural changes, suprasystolic occlusion and oxygen breathing. <i>Microvascular Research</i> , 2015, 99, 110-117.	2.5	15
82	Comparing passive leg raising and suprasystolic ankle occlusion responses to quantify age-related microcirculatory status. <i>Biomedical and Biopharmaceutical Research</i> , 2015, 12, 215-222.	0.0	0
83	Cell viability evaluation of transdifferentiated endothelial-like cells by quantitative electron-probe X-ray microanalysis for tissue engineering. <i>Histology and Histopathology</i> , 2015, 30, 1333-40.	0.7	3
84	A Novel Model of Human Skin Pressure Ulcers in Mice. <i>PLoS ONE</i> , 2014, 9, e109003.	2.5	15
85	Involvement of transforming growth factor- β 3 and betaglycan in the cytoarchitecture of postoperative omental adhesions. <i>Journal of Surgical Research</i> , 2014, 187, 699-711.	1.6	10
86	Elastin Development-Associated Extracellular Matrix Constituents of Subepithelial Connective Tissue in Human Pterygium. , 2014, 55, 6309.		10
87	The wavelet transform as a tool for the characterization of the vascular response in the human lower limb. <i>Biomedical and Biopharmaceutical Research</i> , 2014, 11, 75-80.	0.0	2
88	Long term behavior of biological prostheses used as abdominal wall substitutes. <i>Histology and Histopathology</i> , 2014, 29, 139-49.	0.7	14
89	Potassium Channel Openers Increase Aortic Elastic Fiber Formation and Reverse the Genetically Determined Elastin Deficit in the BN Rat. <i>Hypertension</i> , 2013, 62, 794-801.	2.7	28
90	The angiogenesis promoter, proadrenomedullin N-terminal 20 peptide (PAMP), improves healing in both normoxic and ischemic wounds either alone or in combination with autologous stem/progenitor cells. <i>Histology and Histopathology</i> , 2013, 28, 115-25.	0.7	9

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91	Exploring in vivo models to characterize peripheral microcirculation " a pilot study. Biomedical and Biopharmaceutical Research, 2013, 10, 65-72.	0.0	7
92	Dietary water seems to improve skin hydration without influencing hemodynamics. Biomedical and Biopharmaceutical Research, 2013, 10, 43-54.	0.0	0
93	Exploring the oxygen challenge test as a microcirculation evaluation model. Biomedical and Biopharmaceutical Research, 2013, 10, 209-215.	0.0	7
94	Age-Related Changes in the Elastic Tissue of the Human Aorta. Journal of Vascular Research, 2012, 49, 77-86.	1.4	107
95	Evaluation of the Cell Viability of Human Wharton's Jelly Stem Cells for Use in Cell Therapy. Tissue Engineering - Part C: Methods, 2012, 18, 408-419.	2.1	36
96	Osteostatin-loaded onto mesoporous ceramics improves the early phase of bone regeneration in a rabbit osteopenia model. Acta Biomaterialia, 2012, 8, 2317-2323.	8.3	51
97	Postimplant intraperitoneal behavior of collagen-based meshes followed by laparoscopy. Surgical Endoscopy and Other Interventional Techniques, 2012, 26, 27-35.	2.4	18
98	Tropoelastin and Fibulin Overexpression in the Subepithelial Connective Tissue of Human Pterygium. American Journal of Ophthalmology, 2011, 151, 44-52.	3.3	13
99	Role of Lysyl Oxidases in Neointima Development in Vascular Allografts. Journal of Vascular Research, 2011, 48, 43-51.	1.4	6
100	The osteoinductive properties of mesoporous silicate coated with osteostatin in a rabbit femur cavity defect model. Biomaterials, 2010, 31, 8564-8573.	11.4	87
101	Peritoneal adhesion formation and reformation tracked by sequential laparoscopy: Optimizing the time point for adhesiolysis. Surgery, 2010, 147, 378-391.	1.9	17
102	Transdifferentiation potentiality of human Wharton's jelly stem cells towards vascular endothelial cells. Journal of Cellular Physiology, 2010, 223, 640-647.	4.1	55
103	Active matrix metalloproteinase ² upregulation in the abdominal skin of patients with direct inguinal hernia. European Journal of Clinical Investigation, 2010, 40, 1113-1121.	3.4	30
104	Bioactive Polymeric Systems with Platelet Antiaggregating Activity for the Coating of Vascular Devices. Biomacromolecules, 2010, 11, 2740-2747.	5.4	8
105	Comparing the behavior of different polypropylene meshes (heavy and lightweight) in an experimental model of ventral hernia repair. Journal of Biomedical Materials Research - Part B Applied Biomaterials, 2009, 89B, 448-455.	3.4	57
106	Lysyl oxidase like ¹ dysregulation and its contribution to direct inguinal hernia. European Journal of Clinical Investigation, 2009, 39, 328-337.	3.4	24
107	Characterizing omental adhesions by culturing cells isolated from a novel in vivo adhesion model. Wound Repair and Regeneration, 2009, 17, 51-61.	3.0	7
108	Viabilidad de los sustitutos arteriales obtenidos mediante bioingeniería. Annals of Vascular Surgery, 2008, 22, 278-288.	0.0	0

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109	Viabilidad de las células y liberación de prostaciclina en células endoteliales cultivadas de vena umbilical humana. <i>Annals of Vascular Surgery</i> , 2008, 22, 480-488.	0.0	0
110	Early tissue incorporation and collagen deposition in lightweight polypropylene meshes: bioassay in an experimental model of ventral hernia. <i>Surgery</i> , 2008, 144, 427-435.	1.9	66
111	Viabilité cellulaire et largage de prostacycline dans des cellules endothéliales humaines cultivées à partir de veines ombilicales. <i>Annales De Chirurgie Vasculaire</i> , 2008, 22, 476-484.	0.0	0
112	Cell Viability and Prostacyclin Release in Cultured Human Umbilical Vein Endothelial Cells. <i>Annals of Vascular Surgery</i> , 2008, 22, 440-448.	0.9	16
113	Viability of Engineered Vessels as Arterial Substitutes. <i>Annals of Vascular Surgery</i> , 2008, 22, 255-265.	0.9	7
114	Viabilité des prothèses artérielles modifiées par génie tissulaire. <i>Annales De Chirurgie Vasculaire</i> , 2008, 22, 278-288.	0.0	0
115	Postimplant Behavior of Lightweight Polypropylene Meshes in an Experimental Model of Abdominal Hernia. <i>Journal of Investigative Surgery</i> , 2008, 21, 280-287.	1.3	36
116	Down-regulation of lysyl oxydase-like in aging and venous insufficiency. <i>Histology and Histopathology</i> , 2008, 23, 179-86.	0.7	34
117	Peritoneal Effects of Prosthetic Meshes Used to Repair Abdominal Wall Defects: Monitoring Adhesions by Sequential Laparoscopy. <i>Journal of Laparoendoscopic and Advanced Surgical Techniques - Part A</i> , 2007, 17, 160-166.	1.0	49
118	TGF- β 1 & Upregulation in the Aging Varicose Vein. <i>Journal of Vascular Research</i> , 2007, 44, 192-201.	1.4	49
119	Partially absorbable meshes for hernia repair offer advantages over nonabsorbable meshes. <i>American Journal of Surgery</i> , 2007, 194, 68-74.	1.8	70
120	A biodegradable copolymer for the slow release of growth hormone expedites scarring in diabetic rats. <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , 2007, 81B, 291-304.	3.4	17
121	TGF- β 1 overexpression in the transversalis fascia of patients with direct inguinal hernia. <i>European Journal of Clinical Investigation</i> , 2007, 37, 516-521.	3.4	24
122	Muscle-derived stem cells used to treat skin defects prevent wound contraction and expedite reepithelialization. <i>Wound Repair and Regeneration</i> , 2006, 14, 216-223.	3.0	10
123	Midline Abdominal Wall Closure: A New Prophylactic Mesh Concept. <i>Journal of the American College of Surgeons</i> , 2006, 203, 490-497.	0.5	37
124	Influence of the structure of new generation prostheses on shrinkage after implant in the abdominal wall. <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , 2006, 78B, 340-346.	3.4	12
125	Efficiency of 4% Icodextrin in Preventing Adhesions to Spiral Tacks Used to Fix Intraperitoneal Prostheses. <i>European Surgical Research</i> , 2006, 38, 458-463.	1.3	11
126	Composite prostheses used to repair abdominal wall defects: Physical or chemical adhesion barriers?. <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , 2005, 74B, 718-724.	3.4	28

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127	Inflammatory response to a novel series of siloxane-crosslinked polyurethane elastomers having controlled biodegradation. <i>Journal of Materials Science: Materials in Medicine</i> , 2005, 16, 1207-1211.	3.6	15
128	Composite prostheses for the repair of abdominal wall defects: effect of the structure of the adhesion barrier component. <i>Hernia: the Journal of Hernias and Abdominal Wall Surgery</i> , 2005, 9, 338-343.	2.0	19
129	Patency and structural changes in cryopreserved arterial grafts used as vessel substitutes in the rat. <i>Journal of Surgical Research</i> , 2005, 124, 297-304.	1.6	14
130	Muscle-derived stem cells in tissue engineering: defining cell properties suitable for construct design. <i>Histology and Histopathology</i> , 2005, 20, 891-9.	0.7	5
131	Supporting Cells As a Target of Cisplatin-Induced Inner Ear Damage: Therapeutic Implications. <i>Laryngoscope</i> , 2004, 114, 533-537.	2.0	41
132	Long-term Behaviour of Cryopreserved Arterial Grafts Versus Prosthetic Micrografts. <i>European Journal of Vascular and Endovascular Surgery</i> , 2004, 27, 423-431.	1.5	14
133	Engineering conduits to resemble natural vascular tissue. <i>Biotechnology and Applied Biochemistry</i> , 2004, 39, 17.	3.1	36
134	Improved Biomechanical Resistance Using an Expanded Polytetrafluoroethylene Composite-Structure Prosthesis. <i>World Journal of Surgery</i> , 2004, 28, 461-465.	1.6	7
135	Tissue integration and biomechanical behaviour of contaminated experimental polypropylene and expanded polytetrafluoroethylene implants. <i>British Journal of Surgery</i> , 2004, 91, 489-494.	0.3	47
136	Hydrophilic Polymer Drug from a Derivative of Salicylic Acid: Synthesis, Controlled Release Studies and Biological Behavior. <i>Macromolecular Bioscience</i> , 2004, 4, 579-586.	4.1	15
137	New approach to improving endothelial preservation in cryopreserved arterial substitutes. <i>Cryobiology</i> , 2004, 48, 62-71.	0.7	25
138	Restoring the endothelium of cryopreserved arterial grafts: co-culture of venous and arterial endothelial cells. <i>Cryobiology</i> , 2004, 49, 272-285.	0.7	16
139	Temporary closure of the abdomen using a new composite prosthesis (PL-PU99). <i>American Journal of Surgery</i> , 2004, 188, 314-320.	1.8	8
140	In vitro mesothelialization of prosthetic materials designed for the repair of abdominal wall defects. <i>Journal of Materials Science: Materials in Medicine</i> , 2003, 14, 359-364.	3.6	28
141	Expression of Elastic Components in Healthy and Varicose Veins. <i>World Journal of Surgery</i> , 2003, 27, 901-905.	1.6	36
142	A novel controlled drug-delivery system for growth hormone applied to healing skin wounds in diabetic rats. <i>Journal of Biomaterials Science, Polymer Edition</i> , 2003, 14, 821-835.	3.5	11
143	Polymer Controlled Drug Delivery System for Growth Hormone. <i>Drug Delivery</i> , 2002, 9, 233-237.	5.7	7
144	The structure of a biomaterial rather than its chemical composition modulates the repair process at the peritoneal level. <i>American Journal of Surgery</i> , 2002, 184, 154-159.	1.8	55

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145	The Use of Ischaemic Vessels as Prostheses or Tissue Engineering Scaffolds After Cryopreservation. <i>European Journal of Vascular and Endovascular Surgery</i> , 2002, 24, 23-30.	1.5	26
146	Healing process induced by three composite prostheses in the repair of abdominal wall defects. <i>Journal of Biomedical Materials Research Part B</i> , 2002, 63, 182-190.	3.1	30
147	Evaluation of a new composite prosthesis (PL-PU99) for the repair of abdominal wall defects in terms of behavior at the peritoneal interface. <i>World Journal of Surgery</i> , 2002, 26, 661-666.	1.6	19
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