Julia BujÃ¡n Varela

List of Publications by Year
in descending order

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	Nutritional Components in Western Diet Versus Mediterranean Diet at the Gut Microbiotaâ€“Immune System Interplay. Implications for Health and Disease. Nutrients, 2021, 13, 699.	4.1	183
2	Signal Transduction Pathways in Breast Cancer: The Important Role of PI3K/Akt/mTOR. Journal of Oncology, 2020, 2020, 1-11.	1.3	125
3	Fibroblasts From the Transversalis Fascia of Young Patients With Direct Inguinal Hernias Show Constitutive MMP-2 Overexpression. Annals of Surgery, 2001, 233, 287-291.	4.2	112
4	Integration of biomaterials implanted into abdominal wall: process of scar formation and macrophage response. Biomaterials, 1995, 16, 381-387.	11.4	110
5	Age-Related Changes in the Elastic Tissue of the Human Aorta. Journal of Vascular Research, 2012, 49, 77-86.	1.4	107
6	The osteoinductive properties of mesoporous silicate coated with osteostatin in a rabbit femur cavity defect model. Biomaterials, 2010, 31, 8564-8573.	11.4	87
7	An Updated Review of SARS-CoV-2 Vaccines and the Importance of Effective Vaccination Programs in Pandemic Times. Vaccines, 2021, 9, 433.	4.4	85
8	A General Overview on the Hyperbaric Oxygen Therapy: Applications, Mechanisms and Translational Opportunities. Medicina (Lithuania), 2021, 57, 864.	2.0	81
9	Tissue response to polypropylene meshes used in the repair of abdominal wall defects. Biomaterials, 1998, 19, 669-675.	11.4	80
10	Partially absorbable meshes for hernia repair offer advantages over nonabsorbable meshes. American Journal of Surgery, 2007, 194, 68-74.	1.8	70
11	Understanding Chronic Venous Disease: A Critical Overview of Its Pathophysiology and Medical Management. Journal of Clinical Medicine, 2021, 10, 3239.	2.4	68
12	Early tissue incorporation and collagen deposition in lightweight polypropylene meshes: bioassay in an experimental model of ventral hernia. Surgery, 2008, 144, 427-435.	1.9	66
13	Peritoneal Regeneration after Implant of a Composite Prosthesis in the Abdominal Wall. World Journal of Surgery, 2001, 25, 147-152.	1.6	59
14	Type 2 Diabetes Mellitus Associated with Obesity (Diabesity). The Central Role of Gut Microbiota and Its Translational Applications. Nutrients, 2020, 12, 2749.	4.1	58
15	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
16	The structure of a biomaterial rather than its chemical composition modulates the repair process at the peritoneal level. American Journal of Surgery, 2002, 184, 154-159.	1.8	55
17	Transdifferentiation potentiality of human Wharton's jelly stem cells towards vascular endothelial cells. Journal of Cellular Physiology, 2010, 223, 640-647.	4.1	55
18	Inhibition of the calcification of porcine valve tissue by selective lipid removal. Biomaterials, 1994, 15, 815-820.	11.4	53

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19	Similarity in behavior of polytetrafluoroethylene (ePTFE) prostheses implanted into different interfaces. , 1996, 31, 1-9.		51
20	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
21	In vitro interaction of bacteria with polypropylene/ePTFE prostheses. Biomaterials, 2001, 22, 2021-2024.	11.4	49
22	Peritoneal Effects of Prosthetic Meshes Used to Repair Abdominal Wall Defects: Monitoring Adhesions by Sequential Laparoscopy. Journal of Laparoendoscopic and Advanced Surgical Techniques - Part A, 2007, 17, 160-166.	1.0	49
23	TGF-Î²₁ Upregulation in the Aging Varicose Vein. Journal of Vascular Research, 2007, 44, 192-201.	1.4	49
24	Skeletal muscle <scp>IL</scp>â€15/<scp>IL</scp>â€15RÎ± and myofibrillar protein synthesis after resistance exercise. Scandinavian Journal of Medicine and Science in Sports, 2018, 28, 116-125.	2.9	48
25	Tissue integration and biomechanical behaviour of contaminated experimental polypropylene and expanded polytetrafluoroethylene implants. British Journal of Surgery, 2004, 91, 489-494.	0.3	47
26	Neoperitoneal Formation after Implantation of Various Biomaterials for the Repair of Abdominal Wall Defects in Rabbits. The European Journal of Surgery, 1999, 165, 145-150.	0.9	46
27	Pathologic and Clinical Aspects of Repair of Large Incisional Hernias after Implant of a Polytetrafluoroethylene Prosthesis. World Journal of Surgery, 1997, 21, 402-407.	1.6	45
28	Bioactive bilayered dressing for compromised epidermal tissue regeneration with sequential activity of complementary agents. Acta Biomaterialia, 2015, 23, 103-115.	8.3	45
29	Ultrastructural Alterations of Polytetrafluoroethylene Prostheses Implanted in Abdominal Wall Provoked by Infection: Clinical and Experimental Study. World Journal of Surgery, 2000, 24, 528-532.	1.6	44
30	Use of nonporous polytetrafluoroethylene prosthesis in combination with polypropylene prosthetic abdominal wall implants in prevention of peritoneal adhesions. , 1997, 38, 197-202.		41
31	Supporting Cells As a Target of Cisplatin-Induced Inner Ear Damage: Therapeutic Implications. Laryngoscope, 2004, 114, 533-537.	2.0	41
32	Rapid Thawing Increases the Fragility of the Cryopreserved Arterial Wall. European Journal of Vascular and Endovascular Surgery, 2000, 20, 13-20.	1.5	39
33	Dendrimers and Dendritic Materials: From Laboratory to Medical Practice in Infectious Diseases. Pharmaceutics, 2020, 12, 874.	4.5	39
34	The Pivotal Role of the Placenta in Normal and Pathological Pregnancies: A Focus on Preeclampsia, Fetal Growth Restriction, and Maternal Chronic Venous Disease. Cells, 2022, 11, 568.	4.1	39
35	Midline Abdominal Wall Closure: A New Prophylactic Mesh Concept. Journal of the American College of Surgeons, 2006, 203, 490-497.	0.5	37
36	Expression of Elastic Components in Healthy and Varicose Veins. World Journal of Surgery, 2003, 27, 901-905.	1.6	36

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37	Engineering conduits to resemble natural vascular tissue. Biotechnology and Applied Biochemistry, 2004, 39, 17.	3.1	36
38	Postimplant Behavior of Lightweight Polypropylene Meshes in an Experimental Model of Abdominal Hernia. Journal of Investigative Surgery, 2008, 21, 280-287.	1.3	36
39	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
40	Gradual Thawing Improves the Preservation of Cryopreserved Arteries. Cryobiology, 2001, 42, 256-265.	0.7	35
41	Serum <scp>IL</scp>â€15 and <scp>IL</scp>â€15RÎ± levels are decreased in lean and obese physically active humans. Scandinavian Journal of Medicine and Science in Sports, 2018, 28, 1113-1120.	2.9	35
42	Update on uveal melanoma: Translational research from biology to clinical practice (Review). International Journal of Oncology, 2020, 57, 1262-1279.	3.3	35
43	Effect of phosphatidylcholine on the process of peritoneal adhesion following implantation of a polypropylene mesh prosthesis. Biomaterials, 1996, 17, 1369-1372.	11.4	34
44	Down-regulation of lysyl oxydase-like in aging and venous insufficiency. Histology and Histopathology, 2008, 23, 179-86.	0.7	34
45	Chronic Treatment with Minoxidil Induces Elastic Fiber Neosynthesis and Functional Improvement in the Aorta of Aged Mice. Rejuvenation Research, 2017, 20, 218-230.	1.8	33
46	Placentas from women with pregnancy-associated venous insufficiency show villi damage with evidence of hypoxic cellular stress. Human Pathology, 2018, 77, 45-53.	2.0	32
47	Experimental study of the antithrombogenic behavior of Dacron vascular grafts coated with hydrophilic acrylic copolymers bearing salicylic acid residues. , 1996, 32, 19-27.		31
48	Healing process induced by three composite prostheses in the repair of abdominal wall defects. Journal of Biomedical Materials Research Part B, 2002, 63, 182-190.	3.1	30
49	Active matrix metalloproteinaseâ€2 upregulation in the abdominal skin of patients with direct inguinal hernia. European Journal of Clinical Investigation, 2010, 40, 1113-1121.	3.4	30
50	Dietary water affects human skin hydration and biomechanics. Clinical, Cosmetic and Investigational Dermatology, 2015, 8, 413.	1.8	30
51	Remodelling of collagen fibres in the placentas of women with venous insufficiency during pregnancy. Histology and Histopathology, 2018, 33, 567-576.	0.7	30
52	Evaluation of the smooth muscle cell component and apoptosis in the varicose vein wall. Histology and Histopathology, 2000, 15, 745-52.	0.7	30
53	Evaluation of the acute scarring response to the implant of different types of biomaterial in the abdominal wall. Journal of Materials Science: Materials in Medicine, 2000, 11, 25-29.	3.6	28
54	In vitro mesothelialization of prosthetic materials designed for the repair of abdominal wall defects. Journal of Materials Science: Materials in Medicine, 2003, 14, 359-364.	3.6	28

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55	Composite prostheses used to repair abdominal wall defects: Physical or chemical adhesion barriers?. Journal of Biomedical Materials Research - Part B Applied Biomaterials, 2005, 74B, 718-724.	3.4	28
56	Potassium Channel Openers Increase Aortic Elastic Fiber Formation and Reverse the Genetically Determined Elastin Deficit in the BN Rat. Hypertension, 2013, 62, 794-801.	2.7	28
57	The Regulatory Role of Mitochondrial MicroRNAs (MitomiRs) in Breast Cancer: Translational Implications Present and Future. Cancers, 2020, 12, 2443.	3.7	28
58	Implication of the PI3K/Akt/mTOR Pathway in the Process of Incompetent Valves in Patients with Chronic Venous Insufficiency and the Relationship with Aging. Oxidative Medicine and Cellular Longevity, 2018, 2018, 1-14.	4.0	27
59	Pregnancyâ€associated venous insufficiency course with placental and systemic oxidative stress. Journal of Cellular and Molecular Medicine, 2020, 24, 4157-4170.	3.6	27
60	The Use of Ischaemic Vessels as Prostheses or Tissue Engineering Scaffolds After Cryopreservation. European Journal of Vascular and Endovascular Surgery, 2002, 24, 23-30.	1.5	26
61	Increase and Redistribution of Sex Hormone Receptors in Premenopausal Women Are Associated with Varicose Vein Remodelling. Oxidative Medicine and Cellular Longevity, 2018, 2018, 1-9.	4.0	26
62	New approach to improving endothelial preservation in cryopreserved arterial substitutes. Cryobiology, 2004, 48, 62-71.	0.7	25
63	Arterial Damage Induced by Cryopreservation is Irreversible Following Organ Culture. European Journal of Vascular and Endovascular Surgery, 1999, 17, 136-143.	1.5	24
64	TGF-?1 overexpression in the transversalis fascia of patients with direct inguinal hernia. European Journal of Clinical Investigation, 2007, 37, 516-521.	3.4	24
65	Lysyl oxidase likeâ€1 dysregulation and its contribution to direct inguinal hernia. European Journal of Clinical Investigation, 2009, 39, 328-337.	3.4	24
66	Chitosan hydrogels functionalized with either unfractionated heparin or bemiparin improve diabetic wound healing. Biomedicine and Pharmacotherapy, 2020, 129, 110498.	5.6	24
67	Development of advanced biantibiotic loaded bone cement spacers for arthroplasty associated infections. International Journal of Pharmaceutics, 2017, 522, 11-20.	5.2	23
68	Increased Angiogenesis and Lymphangiogenesis in the Placental Villi of Women with Chronic Venous Disease during Pregnancy. International Journal of Molecular Sciences, 2020, 21, 2487.	4.1	23
69	3D silicon doped hydroxyapatite scaffolds decorated with Elastin-like Recombinamers for bone regenerative medicine. Acta Biomaterialia, 2016, 45, 349-356.	8.3	22
70	Physical Activity as an Imperative Support in Breast Cancer Management. Cancers, 2021, 13, 55.	3.7	22
71	Modulation of PECAM-1 (CD31) Expression in Human Endothelial Cells: Effect of IFNÎ³ and IL-10. Journal of Vascular Research, 1999, 36, 106-113.	1.4	21
72	Behavior of Smooth Muscle Cells under Hypoxic Conditions: Possible Implications on the Varicose Vein Endothelium. BioMed Research International, 2018, 2018, 1-9.	1.9	21

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73	Patients with Incompetent Valves in Chronic Venous Insufficiency Show Increased Systematic Lipid Peroxidation and Cellular Oxidative Stress Markers. Oxidative Medicine and Cellular Longevity, 2019, 2019, 1-9.	4.0	21
74	Upregulation of VEGF and PEDF in Placentas of Women with Lower Extremity Venous Insufficiency during Pregnancy and Its Implication in Villous Calcification. BioMed Research International, 2019, 2019, 1-8.	1.9	21
75	Interface formed between visceral peritoneum and experimental polypropylene or polytetrafluoroethylene abdominal wall implants. Journal of Materials Science: Materials in Medicine, 1996, 7, 331-336.	3.6	20
76	Effect of relaparotomy through previously integrated polypropylene and polytetrafluoroethylene experimental implants in the abdominal wall. Journal of the American College of Surgeons, 1999, 188, 466-472.	0.5	20
77	Unravelling the Role of MAPKs (ERK1/2) in Venous Reflux in Patients with Chronic Venous Disorder. Cells Tissues Organs, 2018, 206, 272-282.	2.3	20
78	Behavior of Cryopreserved Endothelial Cells in Different Phases: Their Application in the Seeding of Vascular Prostheses. Annals of Vascular Surgery, 1995, 9, 266-273.	0.9	19
79	Optical aggregometry versus the PFAâ€“100â„¢: experimental studies in pigs treated with propofol. Platelets, 2001, 12, 133-137.	2.3	19
80	Evaluation of a new composite prosthesis (PL-PU99) for the repair of abdominal wall defects in terms of behavior at the peritoneal interface. World Journal of Surgery, 2002, 26, 661-666.	1.6	19
81	Composite prostheses for the repair of abdominal wall defects: effect of the structure of the adhesion barrier component. Hernia: the Journal of Hernias and Abdominal Wall Surgery, 2005, 9, 338-343.	2.0	19
82	Coatings for vascular prostheses: Mesothelial cells express specific markers for muscle cells and have biological activity similar to that of endothelial cells. European Journal of Vascular Surgery, 1994, 8, 531-536.	0.9	18
83	Mesothelial versus endothelial cell seeding: Evaluation of cell adherence to a fibroblastic matrix using 111In oxine. European Journal of Vascular and Endovascular Surgery, 1997, 13, 142-148.	1.5	18
84	New resorbable polymeric systems with antithrombogenic activity. Journal of Materials Science: Materials in Medicine, 1999, 10, 873-878.	3.6	18
85	Postimplant intraperitoneal behavior of collagen-based meshes followed by laparoscopy. Surgical Endoscopy and Other Interventional Techniques, 2012, 26, 27-35.	2.4	18
86	Excessive Weight Favours Skin Physiology - Up to a Point: Another Expression of the Obesity Paradox. Skin Pharmacology and Physiology, 2017, 30, 94-101.	2.5	18
87	Human skin model for mimic dermal studies in pathology with a clinical implication in pressure ulcers. Histology and Histopathology, 2018, 33, 959-970.	0.7	18
88	Modifications induced by atherogenic diet in the capacity of the arterial wall in rats to respond to surgical insult. Atherosclerosis, 1996, 122, 141-152.	0.8	17
89	Coating PTFE vascular prostheses with a fibroblastic matrix improves cell retention when subjected to blood flow. , 1998, 39, 32-39.		17
90	A biodegradable copolymer for the slow release of growth hormone expedites scarring in diabetic rats. Journal of Biomedical Materials Research - Part B Applied Biomaterials, 2007, 81B, 291-304.	3.4	17

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91	Peritoneal adhesion formation and reformation tracked by sequential laparoscopy: Optimizing the time point for adhesiolysis. Surgery, 2010, 147, 378-391.	1.9	17
92	An integrative look at SARSâ€'CoVâ€'2 (Review). International Journal of Molecular Medicine, 2020, 47, 415-434.	4.0	17
93	The behavior of different types of polytetrafluoroethylene (PTFE) prostheses in the reparative scarring process of abdominal wall defects. Histology and Histopathology, 1997, 12, 683-90.	0.7	17
94	Endothelial Cell Seeding of Polytetrafluoroethylene Vascular Prostheses Coated With a Fibroblastic Matrix. Annals of Vascular Surgery, 1993, 7, 549-555.	0.9	16
95	Restoring the endothelium of cryopreserved arterial grafts: co-culture of venous and arterial endothelial cells. Cryobiology, 2004, 49, 272-285.	0.7	16
96	Cell Viability and Prostacyclin Release in Cultured Human Umbilical Vein Endothelial Cells. Annals of Vascular Surgery, 2008, 22, 440-448.	0.9	16
97	Maternal and Perinatal Outcomes in Patients with Suspected COVID-19 and Their Relationship with a Negative RT-PCR Result. Journal of Clinical Medicine, 2020, 9, 3552.	2.4	16
98	Application of new coatings for vascular grafts based on polyacrylic systems with antiaggregating activity. Biomaterials, 1994, 15, 759-765.	11.4	15
99	Changes in Metalloproteinase (MMP-1, MMP-2) Expression in the Proximal Region of the Varicose Saphenous Vein Wall in Young Subjects. Phlebology, 2000, 15, 64-70.	1.2	15
100	Hydrophilic Polymer Drug from a Derivative of Salicylic Acid: Synthesis, Controlled Release Studies and Biological Behavior. Macromolecular Bioscience, 2004, 4, 579-586.	4.1	15
101	Inflammatory response to a novel series of siloxane-crosslinked polyurethane elastomers having controlled biodegradation. Journal of Materials Science: Materials in Medicine, 2005, 16, 1207-1211.	3.6	15
102	A Novel Model of Human Skin Pressure Ulcers in Mice. PLoS ONE, 2014, 9, e109003.	2.5	15
103	Regarding the quantification of peripheral microcirculation â€" Comparing responses evoked in the in vivo human lower limb by postural changes, suprasystolic occlusion and oxygen breathing. Microvascular Research, 2015, 99, 110-117.	2.5	15
104	Abnormal proinflammatory and stressor environmental with increased the regulatory cellular IGF-1/PAPP-A/STC and Wnt-1/Î²-Catenin canonical pathway in placenta of women with Chronic venous Disease during Pregnancy. International Journal of Medical Sciences, 2021, 18, 2814-2827.	2.5	15
105	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. Journal of Clinical Medicine, 2021, 10, 360.	2.4	15
106	Applications of Polymeric Composites in Bone Tissue Engineering and Jawbone Regeneration. Polymers, 2021, 13, 3429.	4.5	15
107	Long-term Behaviour of Cryopreserved Arterial Grafts Versus Prosthetic Micrografts. European Journal of Vascular and Endovascular Surgery, 2004, 27, 423-431.	1.5	14
108	Patency and structural changes in cryopreserved arterial grafts used as vessel substitutes in the rat. Journal of Surgical Research, 2005, 124, 297-304.	1.6	14

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109	Long term behavior of biological prostheses used as abdominal wall substitutes. Histology and Histopathology, 2014, 29, 139-49.	0.7	14
110	Adhesion and Stability of Fibronectin on PTFE Before and After Seeding with Normal and Synchronized Endothelial Cells: In Vitro Study. Artificial Organs, 1995, 19, 144-153.	1.9	13
111	Tropoelastin and Fibulin Overexpression in the Subepithelial Connective Tissue of Human Pterygium. American Journal of Ophthalmology, 2011, 151, 44-52.	3.3	13
112	Local Growth Hormone Therapy for Pressure Ulcer Healing on a Human Skin Mouse Model. International Journal of Molecular Sciences, 2019, 20, 4157.	4.1	13
113	Pelvic Floor Morbidity Following Vaginal Delivery versus Cesarean Delivery: Systematic Review and Meta-Analysis. Journal of Clinical Medicine, 2021, 10, 1652.	2.4	13
114	Influence of the structure of new generation prostheses on shrinkage after implant in the abdominal wall. Journal of Biomedical Materials Research - Part B Applied Biomaterials, 2006, 78B, 340-346.	3.4	12
115	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. Antioxidants, 2021, 10, 980.	5.1	12
116	A novel controlled drug-delivery system for growth hormone applied to healing skin wounds in diabetic rats. Journal of Biomaterials Science, Polymer Edition, 2003, 14, 821-835.	3.5	11
117	Efficiency of 4% Icodextrin in Preventing Adhesions to Spiral Tacks Used to Fix Intraperitoneal Prostheses. European Surgical Research, 2006, 38, 458-463.	1.3	11
118	Wear Risk Prevention and Reduction in Total Hip Arthroplasty. A Personalized Study Comparing Cement and Cementless Fixation Techniques Employing Finite Element Analysis. Journal of Personalized Medicine, 2021, 11, 780.	2.5	11
119	Muscle-derived stem cells used to treat skin defects prevent wound contraction and expedite reepithelialization. Wound Repair and Regeneration, 2006, 14, 216-223.	3.0	10
120	Involvement of transforming growth factor-Î²3 and betaglycan in the cytoarchitecture of postoperative omental adhesions. Journal of Surgical Research, 2014, 187, 699-711.	1.6	10
121	Elastin Development-Associated Extracellular Matrix Constituents of Subepithelial Connective Tissue in Human Pterygium. , 2014, 55, 6309.		10
122	Possible Role of IRS-4 in the Origin of Multifocal Hepatocellular Carcinoma. Cancers, 2021, 13, 2560.	3.7	10
123	Improved connective integration of a degradable 3D-nano-apatite/agarose scaffold subcutaneously implanted in a rat model. Journal of Biomaterials Applications, 2018, 33, 741-752.	2.4	9
124	Polylacticâ€¢coâ€glycolic acid microspheres added to fixative cements and its role on bone infected architecture. Journal of Biomedical Materials Research - Part B Applied Biomaterials, 2019, 107, 2517-2526.	3.4	9
125	Histopathological study of JNK in venous wall of patients with chronic venous insufficiency related to osteogenesis process. International Journal of Medical Sciences, 2021, 18, 1921-1934.	2.5	9
126	Risk Factors in Third and Fourth Degree Perineal Tears in Women in a Tertiary Centre: An Observational Ambispective Cohort Study. Journal of Personalized Medicine, 2021, 11, 685.	2.5	9

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127	Defective expression of the peroxisome regulators PPARÎ± receptors and lysogenesis with increased cellular senescence in the venous wall of chronic venous disorder. Histology and Histopathology, 2021, 36, 547-558.	0.7	9
128	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. Histology and Histopathology, 2013, 28, 115-25.	0.7	9
129	Long-Term Behavior of an Arterial Autograft: A New Role for Intimal Hyperplasia?. International Journal of Microcirculation, Clinical and Experimental, 1996, 16, 240-249.	0.5	8
130	Temporary closure of the abdomen using a new composite prosthesis (PL-PU99). American Journal of Surgery, 2004, 188, 314-320.	1.8	8
131	Bioactive Polymeric Systems with Platelet Antiaggregating Activity for the Coating of Vascular Devices. Biomacromolecules, 2010, 11, 2740-2747.	5.4	8
132	High Sensitivity of Human Adipose Stem Cells to Differentiate into Myofibroblasts in the Presence of C. aspersa Egg Extract. Stem Cells International, 2017, 2017, 1-9.	2.5	8
133	Blood coagulation variations induced by carbon tetrachloride inhalation in Wistar rats. Toxicology and Applied Pharmacology, 1990, 103, 206-213.	2.8	7
134	Use of Composite Prostheses in the Repair of Defects in the Abdominal Wall: Prosthetic Behaviour at the Peritoneum. The European Journal of Surgery, 2001, 167, 666-671.	0.9	7
135	Polymer Controlled Drug Delivery System for Growth Hormone. Drug Delivery, 2002, 9, 233-237.	5.7	7
136	Improved Biomechanical Resistance Using an Expanded Polytetrafluoroethylene Composite-Structure Prosthesis. World Journal of Surgery, 2004, 28, 461-465.	1.6	7
137	Viability of Engineered Vessels as Arterial Substitutes. Annals of Vascular Surgery, 2008, 22, 255-265.	0.9	7
138	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
139	Effects of a novel NADPH oxidase inhibitor (S42909) on wound healing in an experimental ischemic excisional skin model. Experimental Dermatology, 2017, 26, 148-155.	2.9	7
140	Immuno-modulatory effect of local rhEGF treatment during tissue repair in diabetic ulcers. Endocrine Connections, 2018, 7, 584-594.	1.9	7
141	Estudio experimental de la aplicaciÃ³n de un nuevo cemento Ã³seo cargado con antibiÃ³ticos de amplio espectro para el tratamiento de la infecciÃ³n Ã³sea. Revista EspaÃ±ola De CirugÃa OrtopÃ©dica Y TraumatologÃa, 2019, 63, 95-103.	0.1	7
142	Decrease of Quality of Life, Functional Assessment and Associated Psychological Distress in Patients with Hypoallergenic Total Knee Arthroplasty. Journal of Clinical Medicine, 2020, 9, 3270.	2.4	7
143	Lipidomic profiling of chorionic villi in the placentas of women with chronic venous disease. International Journal of Medical Sciences, 2020, 17, 2790-2798.	2.5	7
144	Factors Associated with Failure of Bakri Balloon Tamponade for the Management of Postpartum Haemorrhage. Case Series Study and Systematic Review. Healthcare (Switzerland), 2021, 9, 295.	2.0	7

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145	Mouse Models for Human Skin Transplantation: A Systematic Review. Cells Tissues Organs, 2021, 210, 250-259.	2.3	7
146	Towards an updated view on the clinical management of pancreatic adenocarcinoma: Current and future perspectives (Review). Oncology Letters, 2021, 22, 809.	1.8	7
147	Exploring in vivo models to characterize peripheral microcirculation â€“ a pilot study. Biomedical and Biopharmaceutical Research, 2013, 10, 65-72.	0.0	7
148	Exploring the oxygen challenge test as a microcirculation evaluation model. Biomedical and Biopharmaceutical Research, 2013, 10, 209-215.	0.0	7
149	Overexpression of glycolysis markers in placental tissue of pregnant women with chronic venous disease: a histological study. International Journal of Medical Sciences, 2022, 19, 186-194.	2.5	7
150	Arterial autografts and ptfe vascular microprostheses: similarities in the healing process. European Journal of Vascular Surgery, 1994, 8, 694-702.	0.9	6
151	El proceso de descongelaciÃ³n lenta mantiene la viabilidad de la pared arterial criopreservada. Angiologia, 2000, 52, 25-32.	0.0	6
152	Role of Lysyl Oxidases in Neointima Development in Vascular Allografts. Journal of Vascular Research, 2011, 48, 43-51.	1.4	6
153	Experimental study of the application of a new bone cement loaded with broad spectrum antibiotics for the treatment of bone infection. Revista EspaÃ±ola De CirugÃa OrtopÃ©dica Y TraumatologÃa, 2019, 63, 95-103.	0.1	6
154	An increase in elastogenic components in the placental villi of women with chronic venous disease during pregnancy is associated with decreased EGFL7 expression level. Molecular Medicine Reports, 2021, 24, .	2.4	6
155	Tissue remodelling and increased DNA damage in patients with incompetent valves in chronic venous insufficiency. Journal of Cellular and Molecular Medicine, 2021, 25, 7878-7889.	3.6	6
156	Healing process induced by three composite prostheses in the repair of abdominal wall defects. Journal of Biomedical Materials Research Part B, 2002, 63, 182.	3.1	6
157	Elevated blood/lymphatic vessel ratio in pterygium and its relationship with vascular endothelial growth factor (VEGF) distribution. Histology and Histopathology, 2019, 34, 917-929.	0.7	6
158	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. Pharmaceuticals, 2021, 14, 845.	3.8	6
159	Chronic Venous Disease in Pregnant Women Causes an Increase in ILK in the Placental Villi Associated with a Decrease in E-Cadherin. Journal of Personalized Medicine, 2022, 12, 277.	2.5	6
160	Implication of ERBB2 as a Predictive Tool for Survival in Patients with Pancreatic Cancer in Histological Studies. Current Oncology, 2022, 29, 2442-2453.	2.2	6
161	Clinical Applications of Classical and Novel Biological Markers of Pancreatic Cancer. Cancers, 2022, 14, 1866.	3.7	6
162	Hepatic resuscitation after warm anoxia: one approach for increasing the donor pool for liver transplantation. Transplant International, 1996, 9, S120-S125.	1.6	5

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163	Influence of Psychological Distress in Patients with Hypoallergenic Total Knee Arthroplasty. Treatment Algorithm for Patients with Metal Allergy and Knee Osteoarthritis. International Journal of Environmental Research and Public Health, 2021, 18, 5997.	2.6	5
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