

# Friedrich Fj Jung

## List of Publications by Citations

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190  
papers

3,849  
citations

29  
h-index

53  
g-index

240  
ext. papers

4,484  
ext. citations

3  
avg, IF

5.43  
L-index

#	Paper	IF	Citations
190	New guidelines for hemorheological laboratory techniques. <i>Clinical Hemorheology and Microcirculation</i> , <b>2009</b> , 42, 75-97	2.5	279
189	Vascular Endothelial Cell Biology: An Update. <i>International Journal of Molecular Sciences</i> , <b>2019</b> , 20,	6.3	255
188	Retinal microcirculation in patients with diabetes mellitus: dynamic and morphological analysis of perifoveal capillary network. <i>British Journal of Ophthalmology</i> , <b>1991</b> , 75, 514-8	5.5	197
187	Retinal capillary blood flow measurement with a scanning laser ophthalmoscope. Preliminary results. <i>Ophthalmology</i> , <b>1991</b> , 98, 996-1000	7.3	123
186	Degradable, Multifunctional Cardiovascular Implants: Challenges and Hurdles. <i>MRS Bulletin</i> , <b>2010</b> , 35, 607-613	3.2	97
185	Human Endothelial Cell Models in Biomaterial Research. <i>Trends in Biotechnology</i> , <b>2017</b> , 35, 265-277	15.1	74
184	Biocompatibility and inflammatory response in vitro and in vivo to gelatin-based biomaterials with tailorable elastic properties. <i>Biomaterials</i> , <b>2014</b> , 35, 9755-9766	15.6	69
183	Video fluorescein angiography: method and clinical application. <i>Graefes Archive for Clinical and Experimental Ophthalmology</i> , <b>1989</b> , 227, 145-51	3.8	69
182	Gelatin-based Hydrogel Degradation and Tissue Interaction : Insights from Multimodal Preclinical Imaging in Immunocompetent Nude Mice. <i>Theranostics</i> , <b>2016</b> , 6, 2114-2128	12.1	68
181	Haemocompatibility testing of biomaterials using human platelets. <i>Clinical Hemorheology and Microcirculation</i> , <b>2013</b> , 53, 97-115	2.5	63
180	Magnetocardiography predicts coronary artery disease in patients with acute chest pain. <i>Annals of Noninvasive Electrocardiology</i> , <b>2005</b> , 10, 312-23	1.5	60
179	Stirred, shaken, or stagnant: What goes on at the blood-biomaterial interface. <i>Blood Reviews</i> , <b>2017</b> , 31, 11-21	11.1	52
178	The role of plasma hyperviscosity in subcortical arteriosclerotic encephalopathy (Binswanger@ disease). <i>Journal of Neurology</i> , <b>1987</b> , 234, 67-73	5.5	51
177	Influence of rheological parameters on the velocity of erythrocytes passing nailfold capillaries in humans. <i>Clinical Hemorheology and Microcirculation</i> , <b>2011</b> , 48, 129-39	2.5	49
176	Role of rheologic factors in patients with acute central retinal vein occlusion. <i>Ophthalmology</i> , <b>1996</b> , 103, 80-6	7.3	46
175	Are there sufficient standards for the in vitro hemocompatibility testing of biomaterials?. <i>Biointerphases</i> , <b>2013</b> , 8, 33	1.8	45
174	Cytocompatibility testing of cell culture modules fabricated from specific candidate biomaterials using injection molding. <i>Journal of Biotechnology</i> , <b>2010</b> , 148, 76-82	3.7	41

173	Influence of various radiographic contrast media on the buckling of endothelial cells. <i>Microvascular Research</i> , <b>2008</b> , 76, 110-3	3.7	41
172	Viability of human mesenchymal stem cells seeded on crosslinked entropy-elastic gelatin-based hydrogels. <i>Macromolecular Bioscience</i> , <b>2012</b> , 12, 312-21	5.5	38
171	Microcirculation in hypertensive patients. <i>Biorheology</i> , <b>2013</b> , 50, 241-55	1.7	38
170	Effects of desmopressin on platelet membrane glycoproteins and platelet aggregation in volunteers on clopidogrel. <i>Clinical Hemorheology and Microcirculation</i> , <b>2008</b> , 39, 293-302	2.5	38
169	Quantification of characteristic blood-flow parameters in the vessels of the retina with a picture analysis system for video-fluorescence angiograms: initial findings. <i>Graefes Archive for Clinical and Experimental Ophthalmology</i> , <b>1983</b> , 221, 133-6	3.8	38
168	Photocrosslinked co-networks from glycidylmethacrylated gelatin and poly(ethylene glycol) methacrylates. <i>Macromolecular Bioscience</i> , <b>2012</b> , 12, 484-93	5.5	33
167	Adhesion and activation of platelets from subjects with coronary artery disease and apparently healthy individuals on biomaterials. <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , <b>2016</b> , 104, 210-7	3.5	32
166	Surface functionalization of poly(ether imide) membranes with linear, methylated oligoglycerols for reducing thrombogenicity. <i>Macromolecular Rapid Communications</i> , <b>2012</b> , 33, 1487-92	4.8	31
165	Thrombogenicity and hemocompatibility of biomaterials. <i>Biointerphases</i> , <b>2015</b> , 11, 029601	1.8	31
164	Effects of fish oil capsules in two dosages on blood pressure, platelet functions, haemorheological and clinical chemistry parameters in apparently healthy subjects. <i>Annals of Nutrition and Metabolism</i> , <b>1989</b> , 33, 359-67	4.5	30
163	Platelets and coronary artery disease: Interactions with the blood vessel wall and cardiovascular devices. <i>Biointerphases</i> , <b>2016</b> , 11, 029702	1.8	29
162	Poly(ethylene glycol) grafting to poly(ether imide) membranes: influence on protein adsorption and thrombocyte adhesion. <i>Macromolecular Bioscience</i> , <b>2013</b> , 13, 1720-9	5.5	28
161	Microwave ablation for the surgical treatment of permanent atrial fibrillation--a single centre experience. <i>European Journal of Cardio-thoracic Surgery</i> , <b>2004</b> , 26, 742-6	3	28
160	Laser Doppler flux measurement for the assessment of cutaneous microcirculation--critical remarks. <i>Clinical Hemorheology and Microcirculation</i> , <b>2013</b> , 55, 411-6	2.5	26
159	Primary cutaneous microangiopathy in heart recipients. <i>Microvascular Research</i> , <b>2001</b> , 62, 154-63	3.7	26
158	In Vitro Thrombogenicity Testing of Biomaterials. <i>Advanced Healthcare Materials</i> , <b>2019</b> , 8, e1900527	10.1	25
157	From hemorheology to microcirculation and regenerative medicine: Fjraeus Lecture 2009. <i>Clinical Hemorheology and Microcirculation</i> , <b>2010</b> , 45, 79-99	2.5	25
156	Effect of Prostanoids on Human Platelet Function: An Overview. <i>International Journal of Molecular Sciences</i> , <b>2020</b> , 21,	6.3	25

155	Capillary Microscopic and Rheological Dimensions for the Diagnosis of von Willebrand Disease in Comparison to other Haemorrhagic Diatheses. <i>Thrombosis and Haemostasis</i> , <b>2000</b> , 84, 981-988	7	24
154	Multivalent grafting of hyperbranched oligo- and polyglycerols shielding rough membranes to mediate hemocompatibility. <i>Journal of Materials Chemistry B</i> , <b>2014</b> , 2, 3626-3635	7.3	23
153	Soft poly(n-butyl acrylate) networks with tailored mechanical properties designed as substrates for in vitro models. <i>Polymers for Advanced Technologies</i> , <b>2011</b> , 22, 126-132	3.2	23
152	Effect of cytochrome P450-dependent epoxyeicosanoids on Ristocetin-induced thrombocyte aggregation. <i>Clinical Hemorheology and Microcirculation</i> , <b>2012</b> , 52, 403-16	2.5	22
151	Pro-angiogenic CD14(++) CD16(+) CD163(+) monocytes accelerate the in vitro endothelialization of soft hydrophobic poly (n-butyl acrylate) networks. <i>Acta Biomaterialia</i> , <b>2012</b> , 8, 4253-9	10.8	21
150	Immuno-compatibility of soft hydrophobic poly (n-butyl acrylate) networks with elastic moduli for regeneration of functional tissues. <i>Clinical Hemorheology and Microcirculation</i> , <b>2012</b> , 50, 131-42	2.5	21
149	Zur Quantifizierung der retinalen Kapillardurchblutung mit Hilfe des Scanning-Laser-Phthalmoskops - Retinal Capillary Bloodflow Measurement by Means of a Scanning Laser Ophthalmoscope. <i>Biomedizinische Technik</i> , <b>1990</b> , 35, 131-134	1.3	19
148	The influence of polymer scaffolds on cellular behaviour of bone marrow derived human mesenchymal stem cells. <i>Clinical Hemorheology and Microcirculation</i> , <b>2012</b> , 52, 357-73	2.5	18
147	Regulation of the myocardial microcirculation. <i>Clinical Hemorheology and Microcirculation</i> , <b>2008</b> , 39, 265-279	2.5	18
146	Influence of radiographic contrast media on myocardial oxygen tension: a randomized, NaCl-controlled comparative study of iodixanol versus iomeprol in pigs. <i>Acta Radiologica</i> , <b>2007</b> , 48, 292-9	2.5	18
145	Interaction of thrombocytes with poly(ether imide): The influence of processing. <i>Clinical Hemorheology and Microcirculation</i> , <b>2010</b> , 46, 239-50	2.5	17
144	Intraoperative endocardial microwave ablation for treatment of permanent atrial fibrillation during coronary artery bypass surgery: 1-year follow-up. <i>Europace</i> , <b>2006</b> , 8, 16-20	3.9	17
143	Influence of a new monomeric nonionic radiographic contrast medium (iobitridol-350 versus NaCl) on cutaneous microcirculation: single-center, prospective, randomized, double-blind phase IV study in parallel group design. <i>Microvascular Research</i> , <b>2000</b> , 60, 193-200	3.7	17
142	Rheologic findings in patients with acute central retinal artery occlusion. <i>Graefels Archive for Clinical and Experimental Ophthalmology</i> , <b>1983</b> , 220, 92-5	3.8	17
141	Expression pattern analysis and activity determination of matrix metalloproteinase derived from human macrophage subsets. <i>Clinical Hemorheology and Microcirculation</i> , <b>2014</b> , 58, 147-58	2.5	16
140	Evaluation of malignant liver tumors: biphasic MS-CT versus quantitative contrast harmonic imaging ultrasound. <i>Zeitschrift Fur Gastroenterologie</i> , <b>2009</b> , 47, 1195-202	1.6	16
139	Validation of magnetocardiography versus fractional flow reserve for detection of coronary artery disease. <i>Clinical Hemorheology and Microcirculation</i> , <b>2015</b> , 59, 267-81	2.5	15
138	Activation of Peroxisome Proliferator-Activated Receptor- $\alpha$ as Novel Therapeutic Strategy to Prevent In-Stent Restenosis and Stent Thrombosis. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , <b>2016</b> , 36, 1534-48	9.4	15

137	Endothelial cell response to (co)polymer nanoparticles depending on the inflammatory environment and comonomer ratio. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , <b>2013</b> , 84, 288-96	5.7	15
136	Effect of radiographic contrast media on the spectrin/band3-network of the membrane skeleton of erythrocytes. <i>PLoS ONE</i> , <b>2014</b> , 9, e89512	3.7	15
135	Effect of an ionic compared to a non-ionic X-ray contrast agent on platelets and coagulation during diagnostic cardiac catheterisation. <i>Pathophysiology of Haemostasis and Thrombosis: International Journal on Haemostasis and Thrombosis Research</i> , <b>2002</b> , 32, 121-6		15
134	Do different ischemic brain lesions have different hemorheological profiles?. <i>Klinische Wochenschrift</i> , <b>1986</b> , 64, 357-61		15
133	The distribution of whole blood viscosity, its determinants and relationship with arterial blood pressure in the community: cross-sectional analysis from the Gutenberg Health Study. <i>Therapeutic Advances in Cardiovascular Disease</i> , <b>2015</b> , 9, 354-65	3.4	14
132	Viability, morphology and function of primary endothelial cells on poly(n-butyl acrylate) networks having elastic moduli comparable to arteries. <i>Journal of Biomaterials Science, Polymer Edition</i> , <b>2012</b> , 23, 901-15	3.5	14
131	Hemocompatibility of soft hydrophobic poly(n-butyl acrylate) networks with elastic moduli adapted to the elasticity of human arteries. <i>Clinical Hemorheology and Microcirculation</i> , <b>2011</b> , 49, 375-90	2.5	14
130	Shear resistance of human umbilical endothelial cells on different materials covered with or without extracellular matrix: controlled in-vitro study. <i>Clinical Hemorheology and Microcirculation</i> , <b>2009</b> , 43, 157-66	2.5	14
129	Effect of X-ray contrast media on blood flow properties after coronary angiography. <i>Thrombosis Research</i> , <b>1999</b> , 96, 253-60	8.2	14
128	Generating Aptamers Interacting with Polymeric Surfaces for Biofunctionalization. <i>Macromolecular Bioscience</i> , <b>2016</b> , 16, 1776-1791	5.5	14
127	Effect of iodinated contrast media on renal perfusion: A randomized comparison study in pigs using quantitative contrast-enhanced ultrasound (CEUS). <i>Scientific Reports</i> , <b>2017</b> , 7, 13125	4.9	13
126	Influence of fibre diameter and orientation of electrospun copolyetheresterurethanes on smooth muscle and endothelial cell behaviour. <i>Clinical Hemorheology and Microcirculation</i> , <b>2013</b> , 55, 513-22	2.5	13
125	Immunological evaluation of polystyrene and poly(ether imide) cell culture inserts with different roughness. <i>Clinical Hemorheology and Microcirculation</i> , <b>2012</b> , 52, 375-89	2.5	13
124	Automated image-based analysis of adherent thrombocytes on polymer surfaces. <i>Clinical Hemorheology and Microcirculation</i> , <b>2012</b> , 52, 349-55	2.5	13
123	In vivo biocompatibility assessment of poly (ether imide) electrospun scaffolds. <i>Journal of Tissue Engineering and Regenerative Medicine</i> , <b>2017</b> , 11, 1034-1044	4.4	12
122	Viability, proliferation and adhesion of smooth muscle cells and human umbilical vein endothelial cells on electrospun polymer scaffolds. <i>Clinical Hemorheology and Microcirculation</i> , <b>2012</b> , 50, 101-12	2.5	12
121	Influence of the onion as an essential ingredient of the Mediterranean diet on arterial blood pressure and blood fluidity. <i>Arzneimittelforschung</i> , <b>2000</b> , 50, 795-801		12
120	Incremental diagnostic value of combined quantitative and qualitative parameters of magnetocardiography to detect coronary artery disease. <i>International Journal of Cardiology</i> , <b>2017</b> , 228, 948-952	3.2	11

119	Effects of radiographic contrast media on the micromorphology of the junctional complex of erythrocytes visualized by immunocytochemistry. <i>International Journal of Molecular Sciences</i> , <b>2014</b> , 15, 16134-52	6.3	11
118	Percutaneous left atrial appendage closure with a novel self-modelizing device: a pre-clinical feasibility study. <i>International Journal of Cardiology</i> , <b>2014</b> , 177, 957-63	3.2	11
117	Reduced diagnostic value of lactate dehydrogenase (LDH) in the presence of radiographic contrast media. <i>Clinical Hemorheology and Microcirculation</i> , <b>2010</b> , 45, 123-30	2.5	11
116	Critical hematocrit and oxygen partial pressure in the beating heart of pigs. <i>Microvascular Research</i> , <b>2010</b> , 80, 389-93	3.7	11
115	Reducing the Endotoxin Burden of Desaminotyrosine- and Desaminotyrosyl Tyrosine-Functionalized Gelatin. <i>Macromolecular Symposia</i> , <b>2011</b> , 309-310, 182-189	0.8	11
114	Efficacy of CD14+ blood monocytes/macrophages isolation: positive versus negative MACS protocol. <i>Clinical Hemorheology and Microcirculation</i> , <b>2011</b> , 48, 57-63	2.5	11
113	Reversibility of echinocyte formation after contact of erythrocytes with various radiographic contrast media. <i>Clinical Hemorheology and Microcirculation</i> , <b>2008</b> , 39, 281-286	2.5	11
112	Dynamic in vitro hemocompatibility testing of poly(ether imide) membranes functionalized with linear, methylated oligoglycerol and oligo(ethylene glycol). <i>Clinical Hemorheology and Microcirculation</i> , <b>2013</b> , 54, 235-48	2.5	10
111	CD14+ CD163+ IL-10+ monocytes/macrophages: Pro-angiogenic and non pro-inflammatory isolation, enrichment and long-term secretion profile. <i>Clinical Hemorheology and Microcirculation</i> , <b>2010</b> , 46, 217-23	2.5	10
110	Support of HUVEC proliferation by pro-angiogenic intermediate CD163+ monocytes/macrophages: a co-culture experiment. <i>Clinical Hemorheology and Microcirculation</i> , <b>2011</b> , 49, 423-30	2.5	10
109	Use of the platelet reactivity index by Grotemeyer, platelet function analyzer, and retention test Homburg to monitor therapy with antiplatelet drugs. <i>Seminars in Thrombosis and Hemostasis</i> , <b>2005</b> , 31, 464-9	5.3	10
108	Measuring the microcirculation in the human conjunctiva bulbi under normal and hyperperfusion conditions. <i>Graefes Archive for Clinical and Experimental Ophthalmology</i> , <b>1983</b> , 220, 294-7	3.8	10
107	Contrast-enhanced ultrasound (CEUS) and perfusion imaging using VueBox. <i>Clinical Hemorheology and Microcirculation</i> , <b>2021</b> , 78, 29-40	2.5	10
106	Interaction of human umbilical vein endothelial cells (HUVEC) with platelets in vitro: Influence of platelet concentration and reactivity. <i>Clinical Hemorheology and Microcirculation</i> , <b>2013</b> , 55, 111-20	2.5	9
105	Capillary bleeding under oral anticoagulation. <i>Clinical Hemorheology and Microcirculation</i> , <b>2009</b> , 43, 167-71	2.5	9
104	Dobutamine stress magnetocardiography for the detection of significant coronary artery stenoses: A prospective study in comparison with simultaneous 12-lead electrocardiography. <i>Clinical Hemorheology and Microcirculation</i> , <b>2008</b> , 39, 21-32	2.5	9
103	Resting magnetocardiography predicts 3-year mortality in patients presenting with acute chest pain without ST segment elevation. <i>Annals of Noninvasive Electrocardiology</i> , <b>2008</b> , 13, 171-9	1.5	9
102	Phycocyanin from as Potential Anti-Cancer Drug: Review of In Vitro and In Vivo Studies. <i>Life</i> , <b>2021</b> , 11,	3	9

101	Shear-induced platelet adherence and activation in an in-vitro dynamic multiwell-plate system. <i>Clinical Hemorheology and Microcirculation</i> , <b>2019</b> , 71, 183-191	2.5	8
100	Impact of serum in cell culture media on in vitro lactate dehydrogenase (LDH) release determination. <i>Journal of Cellular Biotechnology</i> , <b>2017</b> , 3, 9-13	1.4	8
99	Biocompatibility of a novel zinc stent with a closed-cell-design. <i>Clinical Hemorheology and Microcirculation</i> , <b>2015</b> , 61, 205-11	2.5	8
98	Interaction of poly(ether imide) films with early immune mechanisms. <i>Clinical Hemorheology and Microcirculation</i> , <b>2014</b> , 57, 203-12	2.5	8
97	EPO or PlacEPO? Science versus practical experience: panel discussion on efficacy of erythropoetin in improving performance. <i>Biorheology</i> , <b>2014</b> , 51, 83-90	1.7	8
96	Endothelial function and hemorheological parameters modulate coronary blood flow in patients without significant coronary artery disease. <i>Clinical Hemorheology and Microcirculation</i> , <b>2012</b> , 52, 255-66	2.5	8
95	Post-mortem analysis of a left atrial appendage occlusion device (PLAATO) in a patient with permanent atrial fibrillation. <i>Cardiology</i> , <b>2009</b> , 112, 205-8	1.6	8
94	Influence of radiographic contrast media (iodixanol und iomeprol) on the morphology of human arterial and venous endothelial cells on extracellular matrix in vitro. <i>Clinical Hemorheology and Microcirculation</i> , <b>2011</b> , 48, 41-56	2.5	8
93	Behaviour of fibroblasts on water born acrylonitrile-based copolymers containing different cationic and anionic moieties. <i>Clinical Hemorheology and Microcirculation</i> , <b>2012</b> , 52, 295-311	2.5	8
92	Influence of different radiographic contrast media on the echinocyte formation of human erythrocytes. <i>Clinical Hemorheology and Microcirculation</i> , <b>2012</b> , 50, 35-47	2.5	8
91	Influence of ventricular pacing on myocardial oxygen tension. <i>Microvascular Research</i> , <b>2005</b> , 70, 97-101	3.7	8
90	Retinal blood flow in diabetic children and adolescents. <i>Graefes Archive for Clinical and Experimental Ophthalmology</i> , <b>1991</b> , 229, 336-40	3.8	8
89	Angiogenic potential of endothelial and tumor cells seeded on gelatin-based hydrogels in response to electrical stimulations. <i>Clinical Hemorheology and Microcirculation</i> , <b>2016</b> , 64, 941-949	2.5	7
88	Test system for evaluating the influence of polymer properties on primary human keratinocytes and fibroblasts in mono- and coculture. <i>Journal of Biotechnology</i> , <b>2013</b> , 166, 58-64	3.7	7
87	Cultivation and spontaneous differentiation of rat bone marrow-derived mesenchymal stem cells on polymeric surfaces. <i>Clinical Hemorheology and Microcirculation</i> , <b>2013</b> , 55, 143-56	2.5	7
86	In vivo evaluation of the angiogenic effects of the multiblock copolymer PDC using the hen@ egg chorioallantoic membrane test. <i>Clinical Hemorheology and Microcirculation</i> , <b>2010</b> , 46, 233-8	2.5	7
85	Angiogenesis and healing with non-shrinking, fast degradable PLGA/CaP scaffolds in critical-sized defects in the rabbit femur with or without osteogenically induced mesenchymal stem cells. <i>Clinical Hemorheology and Microcirculation</i> , <b>2011</b> , 48, 29-40	2.5	7
84	Adherence and viability of primary human keratinocytes and primary human dermal fibroblasts on acrylonitrile-based copolymers with different concentrations of positively charged functional groups. <i>Clinical Hemorheology and Microcirculation</i> , <b>2012</b> , 52, 391-401	2.5	7

83	Extreme reduction of the capillary lumen in segments of the venular legs of human cutaneous capillaries. <i>Microvascular Research</i> , <b>2009</b> , 78, 241-5	3.7	7
82	In vivo biocompatibility study of degradable homo- versus multiblock copolymers and their (micro)structure compared to an established biomaterial. <i>Clinical Hemorheology and Microcirculation</i> , <b>2020</b> , 75, 163-176	2.5	6
81	Adherence and shear-resistance of primary human endothelial cells on smooth poly(ether imide) films. <i>Clinical Hemorheology and Microcirculation</i> , <b>2014</b> , 57, 147-58	2.5	6
80	The influence of poly(n-butyl acrylate) networks on viability and function of smooth muscle cells and vascular fibroblasts. <i>Clinical Hemorheology and Microcirculation</i> , <b>2012</b> , 52, 283-94	2.5	6
79	Pathophysiology of the contrast media-induced nephropathy (CIN) in patients undergoing coronary interventions. <i>Clinical Hemorheology and Microcirculation</i> , <b>2013</b> , 53, 143-53	2.5	6
78	Smooth muscle and endothelial cell behaviour on degradable copolyetheresterurethane films. <i>Clinical Hemorheology and Microcirculation</i> , <b>2012</b> , 52, 313-23	2.5	6
77	Viability and function of primary human endothelial cells on smooth poly(ether imide) films. <i>Clinical Hemorheology and Microcirculation</i> , <b>2012</b> , 52, 267-82	2.5	6
76	Microwave ablation of permanent atrial fibrillation during isolated bypass grafting and isolated mitral valve surgery. <i>Heart Surgery Forum</i> , <b>2007</b> , 10, E153-7	0.7	6
75	Endothelial cell migration, adhesion and proliferation on different polymeric substrates. <i>Clinical Hemorheology and Microcirculation</i> , <b>2018</b> , 70, 511-529	2.5	6
74	Engineering of cell-laden gelatin-based microgels for cell delivery and immobilization in regenerative therapies. <i>Clinical Hemorheology and Microcirculation</i> , <b>2017</b> , 67, 251-259	2.5	5
73	Response of encapsulated cells to a gelatin matrix with varied bulk and microenvironmental elastic properties. <i>Polymers for Advanced Technologies</i> , <b>2017</b> , 28, 1245-1251	3.2	5
72	Interaction of angiogenically stimulated intermediate CD163+ monocytes/macrophages with soft hydrophobic poly(n-butyl acrylate) networks with elastic moduli matched to that of human arteries. <i>Artificial Organs</i> , <b>2012</b> , 36, E28-38	2.6	5
71	The influence of polystyrene and poly(ether imide) inserts with different roughness, on the activation of dendritic cells. <i>Clinical Hemorheology and Microcirculation</i> , <b>2013</b> , 55, 157-68	2.5	5
70	Influence of radiographic contrast media on the secretion of vasoactive substances by primary human umbilical venous endothelial cells (HUVEC): prospective, controlled, in vitro comparative study. <i>Clinical Hemorheology and Microcirculation</i> , <b>2009</b> , 43, 181-7	2.5	5
69	Cutaneous and muscular microcirculation in patients with terminal heart failure awaiting transplantation. <i>Clinical Hemorheology and Microcirculation</i> , <b>2012</b> , 52, 217-27	2.5	5
68	Cutaneous microcirculatory function predicts the responsiveness to tadalafil in patients with erectile dysfunction and coronary artery disease. <i>International Journal of Impotence Research</i> , <b>2008</b> , 20, 150-6	2.3	5
67	Haemocompatibility of endovascular coronary stents: Wiktor GX. <i>Biomedizinische Technik</i> , <b>2001</b> , 46, 200-6.3		5
66	Effects of an onion-olive oil maceration product containing essential ingredients of the Mediterranean diet on blood pressure and blood fluidity. <i>Arzneimittelforschung</i> , <b>2001</b> , 51, 104-11		5



65	Reduced Incidence of Thromboembolic Events After Surgical Closure of Left Atrial Appendage in Patients With Atrial Fibrillation. <i>Innovations: Technology and Techniques in Cardiothoracic and Vascular Surgery</i> , <b>2016</b> , 11, 24-30; discussion 30	1.5	5
64	Influence of the blood exposure time in dynamic hemocompatibility testing on coagulation and C5a activation. <i>Journal of Cellular Biotechnology</i> , <b>2016</b> , 1, 145-150	1.4	5
63	Monolayer formation and shear- resistance of human vein endothelial cells on gelatin-based hydrogels with tailorable elasticity and degradability. <i>Clinical Hemorheology and Microcirculation</i> , <b>2016</b> , 64, 699-710	2.5	4
62	Shear resistance of endothelial cells in a pathological environment. <i>Clinical Hemorheology and Microcirculation</i> , <b>2016</b> , 64, 383-389	2.5	4
61	Effect of lipopolysaccharide on the adherence of human umbilical vein endothelial cells (HUVEC) on a natural substrate. <i>Clinical Hemorheology and Microcirculation</i> , <b>2019</b> , 71, 175-181	2.5	4
60	Comparison of two substrate materials used as negative control in endothelialization studies: Glass versus polymeric tissue culture plate. <i>Clinical Hemorheology and Microcirculation</i> , <b>2018</b> , 69, 437-445	2.5	4
59	Magnetocardiography in patients with acute chest pain and bundle branch block. <i>International Journal of Cardiology</i> , <b>2013</b> , 168, 582-3	3.2	4
58	Angiogenically stimulated alternative monocytes maintain their pro-angiogenic and non-inflammatory phenotype in long-term co-cultures with HUVEC. <i>Clinical Hemorheology and Microcirculation</i> , <b>2014</b> , 58, 229-40	2.5	4
57	Influence of systemic hypothermia on the myocardial oxygen tension during extracorporeal circulation: comparative study in German Landrace pigs. <i>Clinical Hemorheology and Microcirculation</i> , <b>2012</b> , 52, 115-22	2.5	4
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49	Aptamer supported in vitro endothelialization of poly(ether imide) films. <i>Clinical Hemorheology and Microcirculation</i> , <b>2020</b> , 75, 201-217	2.5	3
48	The effect of prone versus supine positioning of Goettingen minipigs on lung density as viewed by computed tomography. <i>Clinical Hemorheology and Microcirculation</i> , <b>2012</b> , 52, 85-92	2.5	3

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