

Friedrich Fj Jung

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.

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	Morphology and Growth of during Cultivation in a Flat-Type Bioreactor. <i>Life</i> , 2021 , 11,	3	4
189	Contrast-enhanced ultrasound (CEUS) and perfusion imaging using VueBox [®] . <i>Clinical Hemorheology and Microcirculation</i> , 2021 , 78, 29-40	2.5	10
188	Intraoperative contrast-enhanced ultrasound can have a crucial role in surgical decision-making during hepato-pancreatico-biliary surgery - Analysis of impact and input. <i>Clinical Hemorheology and Microcirculation</i> , 2021 , 78, 103-116	2.5	2
187	Ultrasound elastography for the detection of capsular fibrosis in breast implants: First results. <i>Clinical Hemorheology and Microcirculation</i> , 2021 , 77, 247-257	2.5	2
186	Response of Endothelial Cells to Gelatin-Based Hydrogels. <i>ACS Biomaterials Science and Engineering</i> , 2021 , 7, 527-540	5.5	4
185	Potential Effects of Nonadherent on Adherent Human Umbilical Venous Endothelial Cells in Cell Culture. <i>International Journal of Molecular Sciences</i> , 2021 , 22,	6.3	1
184	Long-term aerobic exercise training in type two diabetic patients alters the expression of miRNA-223 and its corresponding target, the P2RY12 receptor, attenuating platelet function. <i>Clinical Hemorheology and Microcirculation</i> , 2021 ,	2.5	3
183	Inhibition of phase-1 biotransformation and cytostatic effects of diphenyleiiodonium on hepatoblastoma cell line HepG2 and a CYP3A4-overexpressing HepG2 cell clone. <i>Clinical Hemorheology and Microcirculation</i> , 2021 , 79, 231-243	2.5	1
182	Quantification of dynamic contrast-enhanced ultrasound (CEUS) in non-cystic breast lesions using external perfusion software. <i>Scientific Reports</i> , 2021 , 11, 17677	4.9	3
181	Phycocyanin from as Potential Anti-Cancer Drug: Review of In Vitro and In Vivo Studies. <i>Life</i> , 2021 , 11,	3	9
180	Aptamer supported in vitro endothelialization of poly(ether imide) films. <i>Clinical Hemorheology and Microcirculation</i> , 2020 , 75, 201-217	2.5	3
179	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> , 2020 , 75, 163-176	2.5	6
178	Interaction between extracellular cancer matrix and stromal breast cells. <i>Clinical Hemorheology and Microcirculation</i> , 2020 , 74, 45-52	2.5	3
177	Effect of Prostanoids on Human Platelet Function: An Overview. <i>International Journal of Molecular Sciences</i> , 2020 , 21,	6.3	25
176	Histological and SEM Assessment of Blood Stasis in Kidney Blood Vessels after Repeated Intra-Arterial Application of Radiographic Contrast Media. <i>Life</i> , 2020 , 10,	3	3
175	Substrate-enzyme affinity-based surface modification strategy for endothelial cell-specific binding under shear stress. <i>Clinical Hemorheology and Microcirculation</i> , 2020 , 75, 85-98	2.5	0
174	The influence of pulsed electromagnetic field therapy (PEMFT) on cutaneous blood flow in healthy volunteers ¹ . <i>Clinical Hemorheology and Microcirculation</i> , 2020 , 76, 495-501	2.5	1

173	Vascular Endothelial Cell Biology: An Update. <i>International Journal of Molecular Sciences</i> , 2019 , 20,	6.3	255
172	Shear-induced platelet adherence and activation in an in-vitro dynamic multiwell-plate system. <i>Clinical Hemorheology and Microcirculation</i> , 2019 , 71, 183-191	2.5	8
171	Magnetocardiography detects left atrial dysfunction in paroxysmal atrial fibrillation. <i>Clinical Hemorheology and Microcirculation</i> , 2019 , 72, 353-363	2.5	
170	Effect of lipopolysaccharide on the adherence of human umbilical vein endothelial cells (HUVEC) on a natural substrate. <i>Clinical Hemorheology and Microcirculation</i> , 2019 , 71, 175-181	2.5	4
169	Comparison of exercise electrocardiography and magnetocardiography for detection of coronary artery disease using ST-segment fluctuation score. <i>Clinical Hemorheology and Microcirculation</i> , 2019 , 73, 283-291	2.5	2
168	In Vitro Thrombogenicity Testing of Biomaterials. <i>Advanced Healthcare Materials</i> , 2019 , 8, e1900527	10.1	25
167	Comparison of two substrate materials used as negative control in endothelialization studies: Glass versus polymeric tissue culture plate. <i>Clinical Hemorheology and Microcirculation</i> , 2018 , 69, 437-445	2.5	4
166	Magnetocardiography scoring system to predict the presence of obstructive coronary artery disease. <i>Clinical Hemorheology and Microcirculation</i> , 2018 , 70, 365-373	2.5	3
165	Endothelial cell migration, adhesion and proliferation on different polymeric substrates. <i>Clinical Hemorheology and Microcirculation</i> , 2018 , 70, 511-529	2.5	6
164	In vivo biocompatibility assessment of poly (ether imide) electrospun scaffolds. <i>Journal of Tissue Engineering and Regenerative Medicine</i> , 2017 , 11, 1034-1044	4.4	12
163	Incremental diagnostic value of combined quantitative and qualitative parameters of magnetocardiography to detect coronary artery disease. <i>International Journal of Cardiology</i> , 2017 , 228, 948-952	3.2	11
162	Folate receptor mediated genetic modification of human mesenchymal stem cells via folic acid-polyethylenimine-grafted poly(N-3-hydroxypropyl)aspartamide. <i>Clinical Hemorheology and Microcirculation</i> , 2017 , 67, 279-295	2.5	1
161	Effect of iodinated contrast media on renal perfusion: A randomized comparison study in pigs using quantitative contrast-enhanced ultrasound (CEUS). <i>Scientific Reports</i> , 2017 , 7, 13125	4.9	13
160	Impact of serum in cell culture media on in vitro lactate dehydrogenase (LDH) release determination. <i>Journal of Cellular Biotechnology</i> , 2017 , 3, 9-13	1.4	8
159	Comment on: "Hemocompatibility of Superhemophobic Titania Surfaces". <i>Advanced Healthcare Materials</i> , 2017 , 6, 1700294	10.1	1
158	Engineering of cell-laden gelatin-based microgels for cell delivery and immobilization in regenerative therapies. <i>Clinical Hemorheology and Microcirculation</i> , 2017 , 67, 251-259	2.5	5
157	Response of encapsulated cells to a gelatin matrix with varied bulk and microenvironmental elastic properties. <i>Polymers for Advanced Technologies</i> , 2017 , 28, 1245-1251	3.2	5
156	Human Endothelial Cell Models in Biomaterial Research. <i>Trends in Biotechnology</i> , 2017 , 35, 265-277	15.1	74

155	Stirred, shaken, or stagnant: What goes on at the blood-biomaterial interface. <i>Blood Reviews</i> , 2017 , 31, 11-21	11.1	52
154	Modulation of the mesenchymal stem cell migration capacity via preconditioning with topographic microstructure. <i>Clinical Hemorheology and Microcirculation</i> , 2017 , 67, 267-278	2.5	2
153	Angiogenic potential of endothelial and tumor cells seeded on gelatin-based hydrogels in response to electrical stimulations. <i>Clinical Hemorheology and Microcirculation</i> , 2016 , 64, 941-949	2.5	7
152	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> , 2016 , 64, 699-710	2.5	4
151	Shear resistance of endothelial cells in a pathological environment. <i>Clinical Hemorheology and Microcirculation</i> , 2016 , 64, 383-389	2.5	4
150	Activation of Peroxisome Proliferator-Activated Receptor- α s Novel Therapeutic Strategy to Prevent In-Stent Restenosis and Stent Thrombosis. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2016 , 36, 1534-48	9.4	15
149	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> , 2016 , 104, 210-7	3.5	32
148	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> , 2016 , 11, 24-30	1.5	
147	Gelatin-based Hydrogel Degradation and Tissue Interaction : Insights from Multimodal Preclinical Imaging in Immunocompetent Nude Mice. <i>Theranostics</i> , 2016 , 6, 2114-2128	12.1	68
146	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> , 2016 , 11, 24-30; discussion 30	1.5	5
145	Influence of the blood exposure time in dynamic hemocompatibility testing on coagulation and C5a activation. <i>Journal of Cellular Biotechnology</i> , 2016 , 1, 145-150	1.4	5
144	Platelets and coronary artery disease: Interactions with the blood vessel wall and cardiovascular devices. <i>Biointerphases</i> , 2016 , 11, 029702	1.8	29
143	Trend to move from permanent metals to degradable, multifunctional polymer or metallic implants in the example of coronary stents. <i>Expert Review of Medical Devices</i> , 2016 , 13, 1001-1003	3.5	4
142	Generating Aptamers Interacting with Polymeric Surfaces for Biofunctionalization. <i>Macromolecular Bioscience</i> , 2016 , 16, 1776-1791	5.5	14
141	Validation of magnetocardiography versus fractional flow reserve for detection of coronary artery disease. <i>Clinical Hemorheology and Microcirculation</i> , 2015 , 59, 267-81	2.5	15
140	Biocompatibility of a novel zinc stent with a closed-cell-design. <i>Clinical Hemorheology and Microcirculation</i> , 2015 , 61, 205-11	2.5	8
139	Noninvasive detection of myocardial ischemia: a case of magnetocardiography. <i>Clinical Hemorheology and Microcirculation</i> , 2015 , 60, 163-9	2.5	2
138	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> , 2015 , 9, 354-65	3.4	14

137	Thrombogenicity and hemocompatibility of biomaterials. <i>Biointerphases</i> , 2015 , 11, 029601	1.8	31
136	Multivalent grafting of hyperbranched oligo- and polyglycerols shielding rough membranes to mediate hemocompatibility. <i>Journal of Materials Chemistry B</i> , 2014 , 2, 3626-3635	7.3	23
135	Biocompatibility and inflammatory response in vitro and in vivo to gelatin-based biomaterials with tailorable elastic properties. <i>Biomaterials</i> , 2014 , 35, 9755-9766	15.6	69
134	Effect of radiographic contrast media on the spectrin/band3-network of the membrane skeleton of erythrocytes. <i>PLoS ONE</i> , 2014 , 9, e89512	3.7	15
133	Effects of radiographic contrast media on the micromorphology of the junctional complex of erythrocytes visualized by immunocytochemistry. <i>International Journal of Molecular Sciences</i> , 2014 , 15, 16134-52	6.3	11
132	Expression pattern analysis and activity determination of matrix metalloproteinase derived from human macrophage subsets. <i>Clinical Hemorheology and Microcirculation</i> , 2014 , 58, 147-58	2.5	16
131	Interaction of poly(ether imide) films with early immune mechanisms. <i>Clinical Hemorheology and Microcirculation</i> , 2014 , 57, 203-12	2.5	8
130	Adherence and shear-resistance of primary human endothelial cells on smooth poly(ether imide) films. <i>Clinical Hemorheology and Microcirculation</i> , 2014 , 57, 147-58	2.5	6
129	Percutaneous left atrial appendage closure with a novel self-modelizing device: a pre-clinical feasibility study. <i>International Journal of Cardiology</i> , 2014 , 177, 957-63	3.2	11
128	EPO or PlacEPO? Science versus practical experience: panel discussion on efficacy of erythropoietin in improving performance. <i>Biorheology</i> , 2014 , 51, 83-90	1.7	8
127	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> , 2014 , 58, 229-40	2.5	4
126	Interaction of human umbilical vein endothelial cells (HUVEC) with platelets in vitro: Influence of platelet concentration and reactivity. <i>Clinical Hemorheology and Microcirculation</i> , 2013 , 55, 111-20	2.5	9
125	Microcirculation in hypertensive patients. <i>Biorheology</i> , 2013 , 50, 241-55	1.7	38
124	Are there sufficient standards for the in vitro hemocompatibility testing of biomaterials?. <i>Biointerphases</i> , 2013 , 8, 33	1.8	45
123	Poly(ethylene glycol) grafting to poly(ether imide) membranes: influence on protein adsorption and thrombocyte adhesion. <i>Macromolecular Bioscience</i> , 2013 , 13, 1720-9	5.5	28
122	Magnetocardiography in patients with acute chest pain and bundle branch block. <i>International Journal of Cardiology</i> , 2013 , 168, 582-3	3.2	4
121	Endothelial cell response to (co)polymer nanoparticles depending on the inflammatory environment and comonomer ratio. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2013 , 84, 288-96	5.7	15
120	Test system for evaluating the influence of polymer properties on primary human keratinocytes and fibroblasts in mono- and coculture. <i>Journal of Biotechnology</i> , 2013 , 166, 58-64	3.7	7

119	The influence of polystyrene and poly(ether imide) inserts with different roughness, on the activation of dendritic cells. <i>Clinical Hemorheology and Microcirculation</i> , 2013 , 55, 157-68	2.5	5
118	Cultivation and spontaneous differentiation of rat bone marrow-derived mesenchymal stem cells on polymeric surfaces. <i>Clinical Hemorheology and Microcirculation</i> , 2013 , 55, 143-56	2.5	7
117	Influence of fibre diameter and orientation of electrospun copolyetheresterurethanes on smooth muscle and endothelial cell behaviour. <i>Clinical Hemorheology and Microcirculation</i> , 2013 , 55, 513-22	2.5	13
116	Viability and function of primary human endothelial cells on smooth poly (ether imide) films. <i>Clinical Hemorheology and Microcirculation</i> , 2013 , 55, 281-281	2.5	
115	Effect of polystyrene and polyether imide cell culture inserts with different roughness on chondrocyte metabolic activity and gene expression profiles of aggrecan and collagen. <i>Clinical Hemorheology and Microcirculation</i> , 2013 , 55, 523-33	2.5	4
114	Laser Doppler flux measurement for the assessment of cutaneous microcirculation--critical remarks. <i>Clinical Hemorheology and Microcirculation</i> , 2013 , 55, 411-6	2.5	26
113	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> , 2013 , 54, 235-48	2.5	10
112	Pathophysiology of the contrast media-induced nephropathy (CIN) in patients undergoing coronary interventions. <i>Clinical Hemorheology and Microcirculation</i> , 2013 , 53, 143-53	2.5	6
111	Haemocompatibility testing of biomaterials using human platelets. <i>Clinical Hemorheology and Microcirculation</i> , 2013 , 53, 97-115	2.5	63
110	Viability of human mesenchymal stem cells seeded on crosslinked entropy-elastic gelatin-based hydrogels. <i>Macromolecular Bioscience</i> , 2012 , 12, 312-21	5.5	38
109	Viability, proliferation and adhesion of smooth muscle cells and human umbilical vein endothelial cells on electrospun polymer scaffolds. <i>Clinical Hemorheology and Microcirculation</i> , 2012 , 50, 101-12	2.5	12
108	Pro-angiogenic CD14(++) CD16(+) CD163(+) monocytes accelerate the in vitro endothelialization of soft hydrophobic poly (n-butyl acrylate) networks. <i>Acta Biomaterialia</i> , 2012 , 8, 4253-9	10.8	21
107	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> , 2012 , 36, E28-38	2.6	5
106	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> , 2012 , 23, 901-15	3.5	14
105	Endothelial function and hemorheological parameters modulate coronary blood flow in patients without significant coronary artery disease. <i>Clinical Hemorheology and Microcirculation</i> , 2012 , 52, 255-66	2.5	8
104	Effect of cytochrome P450-dependent epoxyeicosanoids on Ristocetin-induced thrombocyte aggregation. <i>Clinical Hemorheology and Microcirculation</i> , 2012 , 52, 403-16	2.5	22
103	The effect of prone versus supine positioning of Goettingen minipigs on lung density as viewed by computed tomography. <i>Clinical Hemorheology and Microcirculation</i> , 2012 , 52, 85-92	2.5	3
102	Influence of systemic hypothermia on the myocardial oxygen tension during extracorporeal circulation: comparative study in German Landrace pigs. <i>Clinical Hemorheology and Microcirculation</i> , 2012 , 52, 115-22	2.5	4

101	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> , 2012 , 52, 283-94	2.5	6
100	Immuno-compatibility of soft hydrophobic poly (n-butyl acrylate) networks with elastic moduli for regeneration of functional tissues. <i>Clinical Hemorheology and Microcirculation</i> , 2012 , 50, 131-42	2.5	21
99	Do radiographic contrast media (Iodixanol or Iomeprol) induce a perturbation of human arterial and/or venous endothelial cells in vitro on extracellular matrix?. <i>Clinical Hemorheology and Microcirculation</i> , 2012 , 50, 49-54	2.5	2
98	Photocrosslinked co-networks from glycidylmethacrylated gelatin and poly(ethylene glycol) methacrylates. <i>Macromolecular Bioscience</i> , 2012 , 12, 484-93	5.5	33
97	Surface functionalization of poly(ether imide) membranes with linear, methylated oligoglycerols for reducing thrombogenicity. <i>Macromolecular Rapid Communications</i> , 2012 , 33, 1487-92	4.8	31
96	Physically crosslinked gelatins functionalized with tyrosine moieties do not induce angiogenesis or thrombus formation in the developing vasculature in the avian chorioallantoic membrane. <i>Clinical Hemorheology and Microcirculation</i> , 2012 , 50, 55-63	2.5	3
95	A NiTi alloy-based cuff for external banding valvuloplasty: a six-week follow-up study in pigs. <i>Phlebology</i> , 2012 , 27, 337-46	2	
94	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> , 2012 , 52, 391-401	2.5	7
93	Smooth muscle and endothelial cell behaviour on degradable copolyetheresterurethane films. <i>Clinical Hemorheology and Microcirculation</i> , 2012 , 52, 313-23	2.5	6
92	Influence of radiographic contrast media (Iodixanol and Iomeprol) on the endothelin-1 release from human arterial and venous endothelial cells cultured on an extracellular matrix. <i>Clinical Hemorheology and Microcirculation</i> , 2012 , 52, 229-34	2.5	1
91	Cutaneous and muscular microcirculation in patients with terminal heart failure awaiting transplantation. <i>Clinical Hemorheology and Microcirculation</i> , 2012 , 52, 217-27	2.5	5
90	Behaviour of fibroblasts on water born acrylonitrile-based copolymers containing different cationic and anionic moieties. <i>Clinical Hemorheology and Microcirculation</i> , 2012 , 52, 295-311	2.5	8
89	Influence of different radiographic contrast media on the echinocyte formation of human erythrocytes. <i>Clinical Hemorheology and Microcirculation</i> , 2012 , 50, 35-47	2.5	8
88	Influence of acetylsalicylic acid (Aspirin) on cutaneous microcirculation. <i>Clinical Hemorheology and Microcirculation</i> , 2012 , 50, 25-34	2.5	2
87	Immunological evaluation of polystyrene and poly(ether imide) cell culture inserts with different roughness. <i>Clinical Hemorheology and Microcirculation</i> , 2012 , 52, 375-89	2.5	13
86	The influence of polymer scaffolds on cellular behaviour of bone marrow derived human mesenchymal stem cells. <i>Clinical Hemorheology and Microcirculation</i> , 2012 , 52, 357-73	2.5	18
85	Viability and function of primary human endothelial cells on smooth poly(ether imide) films. <i>Clinical Hemorheology and Microcirculation</i> , 2012 , 52, 267-82	2.5	6
84	Automated image-based analysis of adherent thrombocytes on polymer surfaces. <i>Clinical Hemorheology and Microcirculation</i> , 2012 , 52, 349-55	2.5	13

83	Influence of polymeric microspheres on the myocardial oxygen partial pressure in the beating heart of pigs. <i>Microvascular Research</i> , 2011 , 82, 52-7	3.7	1
82	Laudatio for the 2011 Fbraeus Awardee: Prof. Dr. Hans Walter Reinhart. <i>Clinical Hemorheology and Microcirculation</i> , 2011 , 49, 7-10	2.5	
81	Correlation between postischemic vasodilation of the arteria brachialis and of the postischemic hyperemia in the adjacent microvascular bed. <i>Clinical Hemorheology and Microcirculation</i> , 2011 , 49, 243-50 ⁵	3.5	3
80	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> , 2011 , 49, 375-90	2.5	14
79	Special article Magnetocardiography in clinical cardiology. Status quo and future applications. <i>Postepy W Kardiologii Interwencyjnej</i> , 2011 , 3, 215-222	0.4	2
78	Soft poly(n-butyl acrylate) networks with tailored mechanical properties designed as substrates for in vitro models. <i>Polymers for Advanced Technologies</i> , 2011 , 22, 126-132	3.2	23
77	Reducing the Endotoxin Burden of Desaminotyrosine- and Desaminotyrosyl Tyrosine-Functionalized Gelatin. <i>Macromolecular Symposia</i> , 2011 , 309-310, 182-189	0.8	11
76	Efficacy of CD14+ blood monocytes/macrophages isolation: positive versus negative MACS protocol. <i>Clinical Hemorheology and Microcirculation</i> , 2011 , 48, 57-63	2.5	11
75	Support of HUVEC proliferation by pro-angiogenic intermediate CD163+ monocytes/macrophages: a co-culture experiment. <i>Clinical Hemorheology and Microcirculation</i> , 2011 , 49, 423-30	2.5	10
74	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> , 2011 , 48, 41-56	2.5	8
73	Influence of rheological parameters on the velocity of erythrocytes passing nailfold capillaries in humans. <i>Clinical Hemorheology and Microcirculation</i> , 2011 , 48, 129-39	2.5	49
72	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> , 2011 , 48, 29-40	2.5	7
71	Perspectives in clinical hemorheology and microcirculation: review of the conference of the German Society for Clinical Microcirculation and Hemorheology 2010. <i>Clinical Hemorheology and Microcirculation</i> , 2011 , 48, 1-3	2.5	2
70	Melt-processable hydrophobic acrylonitrile-based copolymer systems with adjustable elastic properties designed for biomedical applications. <i>Clinical Hemorheology and Microcirculation</i> , 2010 , 45, 401-11	2.5	3
69	From hemorheology to microcirculation and regenerative medicine: Fbraeus Lecture 2009. <i>Clinical Hemorheology and Microcirculation</i> , 2010 , 45, 79-99	2.5	25
68	Reduced diagnostic value of lactate dehydrogenase (LDH) in the presence of radiographic contrast media. <i>Clinical Hemorheology and Microcirculation</i> , 2010 , 45, 123-30	2.5	11
67	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> , 2010 , 46, 233-8	2.5	7
66	Interaction of thrombocytes with poly(ether imide): The influence of processing. <i>Clinical Hemorheology and Microcirculation</i> , 2010 , 46, 239-50	2.5	17

65	Degradation of and angiogenesis around multiblock copolymers containing poly(p-dioxanone)- and poly(epsilon-caprolactone)-segments subcutaneously implanted in the rat neck. <i>Clinical Hemorheology and Microcirculation</i> , 2010 , 45, 117-22	2.5	3
64	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> , 2010 , 46, 217-23	2.5	10
63	In vitro evaluation of a nitinol based vein cuff for external valvuloplasty. <i>Clinical Hemorheology and Microcirculation</i> , 2010 , 45, 347-58	2.5	1
62	Rheological and hemostasiological aspects of thrombus formation in the left atrial appendage in atrial fibrillation? A new strategy for prevention of cardioembolic stroke. <i>Clinical Hemorheology and Microcirculation</i> , 2010 , 45, 311-23	2.5	2
61	Embedding of radiographic media molecules in the membrane of erythrocytes. <i>Clinical Hemorheology and Microcirculation</i> , 2010 , 46, 225-32	2.5	1
60	Influence of VEGF stimulated human macrophages on the proliferation of dermal microvascular endothelial cells: Coculture experiments. <i>Clinical Hemorheology and Microcirculation</i> , 2010 , 46, 211-6	2.5	2
59	Critical hematocrit and oxygen partial pressure in the beating heart of pigs. <i>Microvascular Research</i> , 2010 , 80, 389-93	3.7	11
58	Degradable, Multifunctional Cardiovascular Implants: Challenges and Hurdles. <i>MRS Bulletin</i> , 2010 , 35, 607-613	3.2	97
57	Cytocompatibility testing of cell culture modules fabricated from specific candidate biomaterials using injection molding. <i>Journal of Biotechnology</i> , 2010 , 148, 76-82	3.7	41
56	Post-mortem analysis of a left atrial appendage occlusion device (PLAATO) in a patient with permanent atrial fibrillation. <i>Cardiology</i> , 2009 , 112, 205-8	1.6	8
55	Evaluation of malignant liver tumors: biphasic MS-CT versus quantitative contrast harmonic imaging ultrasound. <i>Zeitschrift Fur Gastroenterologie</i> , 2009 , 47, 1195-202	1.6	16
54	New guidelines for hemorheological laboratory techniques. <i>Clinical Hemorheology and Microcirculation</i> , 2009 , 42, 75-97	2.5	279
53	Intravital microscopy of the capillary perfusion in the corium limbi of the third toe of the minipig. <i>Clinical Hemorheology and Microcirculation</i> , 2009 , 43, 173-9	2.5	1
52	Capillary bleeding under oral anticoagulation. <i>Clinical Hemorheology and Microcirculation</i> , 2009 , 43, 167-71	2.5	9
51	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> , 2009 , 43, 157-66	2.5	14
50	Permeability of technical and biological tissues. <i>Clinical Hemorheology and Microcirculation</i> , 2009 , 43, 149-55	2.5	2
49	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> , 2009 , 43, 181-7	2.5	5
48	Extreme reduction of the capillary lumen in segments of the venular legs of human cutaneous capillaries. <i>Microvascular Research</i> , 2009 , 78, 241-5	3.7	7

47	Influence of various radiographic contrast media on the buckling of endothelial cells. <i>Microvascular Research</i> , 2008 , 76, 110-3	3.7	41
46	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> , 2008 , 39, 21-32	2.5	9
45	Effects of desmopressin on platelet membrane glycoproteins and platelet aggregation in volunteers on clopidogrel. <i>Clinical Hemorheology and Microcirculation</i> , 2008 , 39, 293-302	2.5	38
44	Regulation of the myocardial microcirculation. <i>Clinical Hemorheology and Microcirculation</i> , 2008 , 39, 265-279	2.7	18
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