Friedrich Fj Jung

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/1484593/publications.pdf

Version: 2024-02-01

204	5,487	109321	114465
papers	citations	35 h-index	63 g-index

241	241	241	5187
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Vascular Endothelial Cell Biology: An Update. International Journal of Molecular Sciences, 2019, 20, 4411.	4.1	573
2	New guidelines for hemorheological laboratory techniques. Clinical Hemorheology and Microcirculation, 2009, 42, 75-97.	1.7	390
3	Retinal microcirculation in patients with diabetes mellitus: dynamic and morphological analysis of perifoveal capillary network.. British Journal of Ophthalmology, 1991, 75, 514-518.	3.9	251
4	Retinal Capillary Blood Flow Measurement with a Scanning Laser Ophthalmoscope Preliminary Results. Ophthalmology, 1991, 98, 996-1000.	5.2	142
5	Degradable, Multifunctional Cardiovascular Implants: Challenges and Hurdles. MRS Bulletin, 2010, 35, 607-613.	3.5	116
6	Human Endothelial Cell Models in Biomaterial Research. Trends in Biotechnology, 2017, 35, 265-277.	9.3	99
7	Gelatin-based Hydrogel Degradation and Tissue Interaction in vivo: Insights from Multimodal Preclinical Imaging in Immunocompetent Nude Mice. Theranostics, 2016, 6, 2114-2128.	10.0	96
8	Biocompatibility and inflammatory response inÂvitro and inÂvivo to gelatin-based biomaterials with tailorable elastic properties. Biomaterials, 2014, 35, 9755-9766.	11.4	89
9	Video fluorescein angiography: Method and clinical application. Graefe's Archive for Clinical and Experimental Ophthalmology, 1989, 227, 145-151.	1.9	88
10	Haemocompatibility testing of biomaterials using human platelets. Clinical Hemorheology and Microcirculation, 2013, 53, 97-115.	1.7	79
11	Magnetocardiography Predicts Coronary Artery Disease in Patients with Acute Chest Pain. Annals of Noninvasive Electrocardiology, 2005, 10, 312-323.	1.1	74
12	From hemorheology to microcirculation and regenerative medicine: FÃ¥hraeus Lecture 2009. Clinical Hemorheology and Microcirculation, 2010, 45, 79-99.	1.7	72
13	Influence of rheological parameters on the velocity of erythrocytes passing nailfold capillaries in humans. Clinical Hemorheology and Microcirculation, 2011, 48, 129-139.	1.7	72
14	Stirred, shaken, or stagnant: What goes on at the bloodâ€“biomaterial interface. Blood Reviews, 2017, 31, 11-21.	5.7	64
15	Microcirculation in hypertensive patients. Biorheology, 2013, 50, 241-255.	0.4	61
16	The role of plasma hyperviscosity in subcortical arteriosclerotic encephalopathy (Binswanger's) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 14	3.6	59
17	Role of Rheologic Factors in Patients with Acute Central Retinal Vein Occlusion. Ophthalmology, 1996, 103, 80-86.	5.2	57
18	Effect of Prostanoids on Human Platelet Function: An Overview. International Journal of Molecular Sciences, 2020, 21, 9020.	4.1	57

#	Article	IF	Citations
19	In Vitro Thrombogenicity Testing of Biomaterials. Advanced Healthcare Materials, 2019, 8, e1900527.	7.6	54
20	Are there sufficient standards for the in vitro hemocompatibility testing of biomaterials?. Biointerphases, 2013, 8, 33.	1.6	53
21	Effects of desmopressin on platelet membrane glycoproteins and platelet aggregation in volunteers on clopidogrel. Clinical Hemorheology and Microcirculation, 2008, 39, 293-302.	1.7	48
22	Phycocyanin from Arthrospira platensis as Potential Anti-Cancer Drug: Review of In Vitro and In Vivo Studies. Life, 2021, 11, 91.	2.4	45
23	Influence of various radiographic contrast media on the buckling of endothelial cells. Microvascular Research, 2008, 76, 110-113.	2.5	44
24	Regulation of the myocardial microcirculation. Clinical Hemorheology and Microcirculation, 2008, 39, 265-279.	1.7	44
25	Cytocompatibility testing of cell culture modules fabricated from specific candidate biomaterials using injection molding. Journal of Biotechnology, 2010, 148, 76-82.	3.8	44
26	Viability of Human Mesenchymal Stem Cells Seeded on Crosslinked EntropyâEElastic GelatinâEBased Hydrogels. Macromolecular Bioscience, 2012, 12, 312-321.	4.1	44
27	Quantification of characteristic blood-flow parameters in the vessels of the retina with a picture analysis system for video-fluorescence angiograms: initial findings. Graefe's Archive for Clinical and Experimental Ophthalmology, 1983, 221, 133-136.	1.9	43
28	Thrombogenicity and hemocompatibility of biomaterials. Biointerphases, 2016, 11, 029601.	1.6	42
29	Surface Functionalization of Poly(ether imide) Membranes with Linear, Methylated Oligoglycerols for Reducing Thrombogenicity. Macromolecular Rapid Communications, 2012, 33, 1487-1492.	3.9	39
30	Adhesion and activation of platelets from subjects with coronary artery disease and apparently healthy individuals on biomaterials. Journal of Biomedical Materials Research - Part B Applied Biomaterials, 2016, 104, 210-217.	3.4	38
31	Effects of Fish Oil Capsules in Two Dosages on Blood Pressure, Platelet Functions, Haemorheological and Clinical Chemistry Parameters in Apparently Healthy Subjects. Annals of Nutrition and Metabolism, 1989, 33, 359-367.	1.9	37
32	Photocrosslinked CoâENetworks from Glycidylmethacrylated Gelatin and Poly(ethylene glycol) Methacrylates. Macromolecular Bioscience, 2012, 12, 484-493.	4.1	37
33	Microwave ablation for the surgical treatment of permanent atrial fibrillation?a single centre experience*1. European Journal of Cardio-thoracic Surgery, 2004, 26, 742-746.	1.4	35
34	Contrast-enhanced ultrasound (CEUS) and perfusion imaging using VueBoxÂ®. Clinical Hemorheology and Microcirculation, 2021, 78, 29-40.	1.7	34
35	Laser Doppler flux measurement for the assessment of cutaneous microcirculation â€“ critical remarks. Clinical Hemorheology and Microcirculation, 2013, 55, 411-416.	1.7	33
36	Platelets and coronary artery disease: Interactions with the blood vessel wall and cardiovascular devices. Biointerphases, 2016, 11, 029702.	1.6	33

#	Article	IF	Citations
37	Poly(ethylene glycol) Grafting to Poly(ether imide) Membranes: Influence on Protein Adsorption and Thrombocyte Adhesion. Macromolecular Bioscience, 2013, 13, 1720-1729.	4.1	31
38	Capillary Microscopic and Rheological Dimensions for the Diagnosis of von Willebrand Disease in Comparison to other Haemorrhagic Diatheses. Thrombosis and Haemostasis, 2000, 84, 981-988.	3.4	29
39	Primary Cutaneous Microangiopathy in Heart Recipients. Microvascular Research, 2001, 62, 154-163.	2.5	29
40	Pro-angiogenic CD14++ CD16+ CD163+ monocytes accelerate the in vitro endothelialization of soft hydrophobic poly(n-butyl acrylate) networks. Acta Biomaterialia, 2012, 8, 4253-4259.	8.3	28
41	Shear resistance of human umbilical endothelial cells on different materials covered with or without extracellular matrix: Controlled in-vitro study. Clinical Hemorheology and Microcirculation, 2009, 43, 157-166.	1.7	27
42	Soft poly(nâ€butyl acrylate) networks with tailored mechanical properties designed as substrates for in vitro models. Polymers for Advanced Technologies, 2011, 22, 126-132.	3.2	27
43	Interaction of thrombocytes with poly(ether imide): The influence of processing. Clinical Hemorheology and Microcirculation, 2010, 46, 239-250.	1.7	26
44	Multivalent grafting of hyperbranched oligo- and polyglycerols shielding rough membranes to mediate hemocompatibility. Journal of Materials Chemistry B, 2014, 2, 3626-3635.	5.8	26
45	Response of Endothelial Cells to Gelatin-Based Hydrogels. ACS Biomaterials Science and Engineering, 2021, 7, 527-540.	5.2	26
46	Immuno-compatibility of soft hydrophobic poly (n-butyl acrylate) networks with elastic moduli for regeneration of functional tissues. Clinical Hemorheology and Microcirculation, 2012, 50, 131-142.	1.7	25
47	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. Therapeutic Advances in Cardiovascular Disease, 2015, 9, 354-365.	2.1	24
48	The microcirculation in hypoxia: The center of the battlefield for oxygen. Clinical Hemorheology and Microcirculation, 2016, 63, 169-172.	1.7	24
49	Evaluation of Malignant Liver Tumors: Biphasic MS-CT versus Quantitative Contrast Harmonic Imaging Ultrasound. Zeitschrift Fur Gastroenterologie, 2009, 47, 1195-1202.	0.5	23
50	Effect of cytochrome P450-dependent epoxyeicosanoids on Ristocetin-induced thrombocyte aggregation. Clinical Hemorheology and Microcirculation, 2012, 52, 403-416.	1.7	23
51	Zur Quantifizierung der retinalen Kapillardurchblutung mit Hilfe des Scanning-Laser-Ã–phthalmoskops - Retinal Capillary Bloodflow Measurement by Means of a Scanning Laser Ophthalmoscope. Biomedizinische Technik, 1990, 35, 131-134.	0.8	22
52	Activation of Peroxisome Proliferatorâ€“Activated Receptor-Î´ as Novel Therapeutic Strategy to Prevent In-Stent Restenosis and Stent Thrombosis. Arteriosclerosis, Thrombosis, and Vascular Biology, 2016, 36, 1534-1548.	2.4	22
53	Intraoperative endocardial microwave ablation for treatment of permanent atrial fibrillation during coronary artery bypass surgery: 1-year follow-up. Europace, 2006, 8, 16-20.	1.7	21
54	Reversibility of echinocyte formation after contact of erythrocytes with various radiographic contrast media. Clinical Hemorheology and Microcirculation, 2008, 39, 281-286.	1.7	21

#	Article	IF	Citations
55	The influence of polymer scaffolds on cellular behaviour of bone marrow derived human mesenchymal stem cells. Clinical Hemorheology and Microcirculation, 2012, 52, 357-373.	1.7	21
56	Viability, Morphology and Function of Primary Endothelial Cells on Poly(n-Butyl Acrylate) Networks Having Elastic Moduli Comparable to Arteries. Journal of Biomaterials Science, Polymer Edition, 2012, 23, 901-915.	3.5	20
57	Rheologic findings in patients with acute central retinal artery occlusion. Graefe's Archive for Clinical and Experimental Ophthalmology, 1983, 220, 92-95.	1.9	19
58	Influence of radiographic contrast media on myocardial oxygen tension: a randomized, NaCL-controlled comparative study of iodixanol versus iomeprol in pigs. Acta Radiologica, 2007, 48, 292-299.	1.1	19
59	Viability, proliferation and adhesion of smooth muscle cells and human umbilical vein endothelial cells on electrospun polymer scaffolds. Clinical Hemorheology and Microcirculation, 2012, 50, 101-112.	1.7	19
60	Endothelial cell response to (co)polymer nanoparticles depending on the inflammatory environment and comonomer ratio. European Journal of Pharmaceutics and Biopharmaceutics, 2013, 84, 288-296.	4.3	19
61	Expression pattern analysis and activity determination of matrix metalloproteinase derived from human macrophage subsets. Clinical Hemorheology and Microcirculation, 2014, 58, 147-158.	1.7	19
62	Do different ischemic brain lesions have different hemorheological profiles?. Klinische Wochenschrift, 1986, 64, 357-361.	0.6	18
63	Effect of X-Ray Contrast Media on Blood Flow Properties after Coronary Angiography. Thrombosis Research, 1999, 96, 253-260.	1.7	18
64	Hemocompatibility of soft hydrophobic poly(n-butyl acrylate) networks with elastic moduli adapted to the elasticity of human arteries. Clinical Hemorheology and Microcirculation, 2011, 49, 375-390.	1.7	18
65	Validation of magnetocardiography versus fractional flow reserve for detection of coronary artery disease. Clinical Hemorheology and Microcirculation, 2015, 59, 267-281.	1.7	18
66	Incremental diagnostic value of combined quantitative and qualitative parameters of magnetocardiography to detect coronary artery disease. International Journal of Cardiology, 2017, 228, 948-952.	1.7	18
67	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. Microvascular Research, 2000, 60, 193-200.	2.5	17
68	Dobutamine stress magnetocardiography for the detection of significant coronary artery stenoses â€“ A prospective study in comparison with simultaneous 12-lead electrocardiography. Clinical Hemorheology and Microcirculation, 2008, 39, 21-32.	1.7	17
69	CD14+ CD163+ IL-10+ monocytes/macrophages: Pro-angiogenic and non pro-inflammatory isolation, enrichment and long-term secretion profile. Clinical Hemorheology and Microcirculation, 2010, 46, 217-223.	1.7	17
70	Effect of Radiographic Contrast Media on the Spectrin/Band3-Network of the Membrane Skeleton of Erythrocytes. PLoS ONE, 2014, 9, e89512.	2.5	17
71	Quantification of dynamic contrast-enhanced ultrasound (CEUS) in non-cystic breast lesions using external perfusion software. Scientific Reports, 2021, 11, 17677.	3.3	17
72	Influence of the Onion as an Essential Ingredient of the Mediterranean Diet on Arterial Blood Pressure and Blood Fluidity. Arzneimittelforschung, 2000, 50, 795-801.	0.4	16

#	Article	IF	Citations
73	Effect of an Ionic Compared to a Non-Ionic X-Ray Contrast Agent on Platelets and Coagulation during Diagnostic Cardiac Catheterisation. Pathophysiology of Haemostasis and Thrombosis: International Journal on Haemostasis and Thrombosis Research, 2002, 32, 121-126.	0.3	16
74	Reducing the Endotoxin Burden of Desaminotyrosineâ€•and Desaminotyrosyl Tyrosineâ€Functionalized Gelatin. Macromolecular Symposia, 2011, 309-310, 182-189.	0.7	16
75	Endothelial function and hemorheological parameters modulate coronary blood flow in patients without significant coronary artery disease. Clinical Hemorheology and Microcirculation, 2012, 52, 255-266.	1.7	16
76	Influence of fibre diameter and orientation of electrospun copolyetheresterurethanes on smooth muscle and endothelial cell behaviour. Clinical Hemorheology and Microcirculation, 2013, 55, 513-522.	1.7	16
77	Effect of iodinated contrast media on renal perfusion: A randomized comparison study in pigs using quantitative contrast-enhanced ultrasound (CEUS). Scientific Reports, 2017, 7, 13125.	3.3	16
78	Impact of serum in cell culture media on in vitro lactate dehydrogenase (LDH) release determination. Journal of Cellular Biotechnology, 2017, 3, 9-13.	0.5	16
79	Resting Magnetocardiography Predicts 3â€Year Mortality in Patients Presenting with Acute Chest Pain without ST Segment Elevation. Annals of Noninvasive Electrocardiology, 2008, 13, 171-179.	1.1	15
80	Reduced diagnostic value of lactate dehydrogenase (LDH) in the presence of radiographic contrast media. Clinical Hemorheology and Microcirculation, 2010, 45, 123-130.	1.7	15
81	Support of HUVEC proliferation by pro-angiogenic intermediate CD163+ monocytes/macrophages: A co-culture experiment. Clinical Hemorheology and Microcirculation, 2011, 49, 423-430.	1.7	15
82	Influence of radiographic contrast media (Iodixanol und Iomeprol) on the morphology of human arterial and venous endothelial cells on extracellular matrix in vitro. Clinical Hemorheology and Microcirculation, 2011, 48, 41-56.	1.7	15
83	Immunological evaluation of polystyrene and poly(ether imide) cell culture inserts with different roughness. Clinical Hemorheology and Microcirculation, 2012, 52, 375-389.	1.7	15
84	Generating Aptamers Interacting with Polymeric Surfaces for Biofunctionalization. Macromolecular Bioscience, 2016, 16, 1776-1791.	4.1	15
85	Critical hematocrit and oxygen partial pressure in the beating heart of pigs. Microvascular Research, 2010, 80, 389-393.	2.5	14
86	Influence of different radiographic contrast media on the echinocyte formation of human erythrocytes. Clinical Hemorheology and Microcirculation, 2012, 50, 35-47.	1.7	14
87	In vivobiocompatibility assessment of poly (ether imide) electrospun scaffolds. Journal of Tissue Engineering and Regenerative Medicine, 2017, 11, 1034-1044.	2.7	14
88	A.L. Copley Best Paper Prize 2019. Clinical Hemorheology and Microcirculation, 2020, 75, 1-2.	1.7	14
89	Measuring the microcirculation in the human conjunctiva bulbi under normal and hyperperfusion conditions. Graefe's Archive for Clinical and Experimental Ophthalmology, 1983, 220, 294-297.	1.9	13
90	Retinal blood flow in diabetic children and adolescents. Graefe's Archive for Clinical and Experimental Ophthalmology, 1991, 229, 336-340.	1.9	13

#	Article	IF	Citations
91	Efficacy of CD14+ blood monocytes/macrophages isolation: Positive versus negative MACSâ„¢ protocol. Clinical Hemorheology and Microcirculation, 2011, 48, 57-63.	1.7	13
92	Automated image-based analysis of adherent thrombocytes on polymer surfaces. Clinical Hemorheology and Microcirculation, 2012, 52, 349-355.	1.7	13
93	Percutaneous left atrial appendage closure with a novel self-modelizing device: A pre-clinical feasibility study. International Journal of Cardiology, 2014, 177, 957-963.	1.7	13
94	Morphology and Growth of Arthrospira platensis during Cultivation in a Flat-Type Bioreactor. Life, 2021, 11, 536.	2.4	13
95	Modified contrast-enhanced ultrasonography with the new high-resolution examination technique of high frame rate contrast-enhanced ultrasound (HiFR-CEUS) for characterization of liver lesions: First results. Clinical Hemorheology and Microcirculation, 2023, 83, 31-46.	1.7	13
96	Intraoperative contrast-enhanced ultrasound can have a crucial role in surgical decision-making during hepato-pancreatico-biliary surgery â€“ Analysis of impact and input. Clinical Hemorheology and Microcirculation, 2021, 78, 103-116.	1.7	12
97	In vivo evaluation of the angiogenic effects of the multiblock copolymer PDC using the hen's egg chorioallantoic membrane test. Clinical Hemorheology and Microcirculation, 2010, 46, 233-238.	1.7	11
98	Angiogenesis and healing with non-shrinking, fast degradeable PLGA/CaP scaffolds in critical-sized defects in the rabbit femur with or without osteogenically induced mesenchymal stem cells. Clinical Hemorheology and Microcirculation, 2011, 48, 29-40.	1.7	11
99	Interaction of human umbilical vein endothelial cells (HUVEC) with platelets in vitro: Influence of platelet concentration and reactivity. Clinical Hemorheology and Microcirculation, 2013, 55, 111-120.	1.7	11
100	Dynamic in vitro hemocompatibility testing of poly(ether imide) membranes functionalized with linear, methylated oligoglycerol and oligo(ethylene glycol). Clinical Hemorheology and Microcirculation, 2013, 54, 235-248.	1.7	11
101	Effects of Radiographic Contrast Media on the Micromorphology of the Junctional Complex of Erythrocytes Visualized by Immunocytology. International Journal of Molecular Sciences, 2014, 15, 16134-16152.	4.1	11
102	EPO or PlacEPO? Science versus Practical Experience. Biorheology, 2014, 51, 83-90.	0.4	11
103	Angiogenic potential of endothelial and tumor cells seeded on gelatinâ€“based hydrogels in response to electrical stimulations. Clinical Hemorheology and Microcirculation, 2017, 64, 941-949.	1.7	11
104	Use of the Platelet Reactivity Index by Grotemeyer, Platelet Function Analyzer, and Retention Test Homburg To Monitor Therapy with Antiplatelet Drugs. Seminars in Thrombosis and Hemostasis, 2005, 31, 464-469.	2.7	10
105	Capillary bleeding under oral anticoagulation. Clinical Hemorheology and Microcirculation, 2009, 43, 167-171.	1.7	10
106	Effects of an Onion-Olive Oil Maceration Product Containing Essential Ingredients of the Mediterranean Diet on Blood Pressure and Blood Fluidity. Arzneimittelforschung, 2001, 51, 104-111.	0.4	9
107	The influence of poly(n-butyl acrylate) networks on viability and function of smooth muscle cells and vascular fibroblasts. Clinical Hemorheology and Microcirculation, 2012, 52, 283-294.	1.7	9
108	Cultivation and spontaneous differentiation of rat bone marrow-derived mesenchymal stem cells on polymeric surfaces. Clinical Hemorheology and Microcirculation, 2013, 55, 143-156.	1.7	9

#	Article	IF	Citations
109	Interaction of poly(ether imide) films with early immune mechanisms. Clinical Hemorheology and Microcirculation, 2014, 57, 203-212.	1.7	9
110	Biocompatibility of a novel zinc stent with a closed-cell-design. Clinical Hemorheology and Microcirculation, 2015, 61, 205-211.	1.7	9
111	Trend to move from permanent metals to degradable, multifunctional polymer or metallic implants in the example of coronary stents. Expert Review of Medical Devices, 2016, 13, 1001-1003.	2.8	9
112	Endothelial cell migration, adhesion and proliferation on different polymeric substrates. Clinical Hemorheology and Microcirculation, 2019, 70, 511-529.	1.7	9
113	Evaluation of quantitative contrast harmonic imaging to assess malignancy of liver tumors: A prospective controlled two-center study. World Journal of Gastroenterology, 2007, 13, 6356.	3.3	9
114	Haemocompatibility of Endovascular Coronary Stents: Wiktor GXÂ©. HÃmokompatibilitÃt von Koronarstents: Wiktor GXÂ©. Biomedizinische Technik, 2001, 46, 200-206.	0.8	8
115	Influence of ventricular pacing on myocardial oxygen tension. Microvascular Research, 2005, 70, 97-101.	2.5	8
116	Cutaneous microcirculatory function predicts the responsiveness to tadalafil in patients with erectile dysfunction and coronary artery disease. International Journal of Impotence Research, 2008, 20, 150-156.	1.8	8
117	Post-Mortem Analysis of a Left Atrial Appendage Occlusion Device (PLAATOâ„¢) in a Patient with Permanent Atrial Fibrillation. Cardiology, 2009, 112, 205-208.	1.4	8
118	Extreme reduction of the capillary lumen in segments of the venular legs of human cutaneous capillaries. Microvascular Research, 2009, 78, 241-245.	2.5	8
119	Behaviour of fibroblasts on water born acrylonitrile-based copolymers containing different cationic and anionic moieties. Clinical Hemorheology and Microcirculation, 2012, 52, 295-311.	1.7	8
120	Viability and function of primary human endothelial cells on smooth poly(ether imide) films. Clinical Hemorheology and Microcirculation, 2012, 52, 267-282.	1.7	8
121	Interaction of Angiogenically Stimulated Intermediate CD163⁺ Monocytes/Macrophages With Soft Hydrophobic Poly(nâ€Butyl Acrylate) Networks With Elastic Moduli Matched to That of Human Arteries. Artificial Organs, 2012, 36, E28-38.	1.9	8
122	The influence of polystyrene and poly(ether imide) inserts with different roughness, on the activation of dendritic cells. Clinical Hemorheology and Microcirculation, 2013, 55, 157-168.	1.7	8
123	Shear-induced platelet adherence and activation in an in-vitro dynamic multiwell-plate system. Clinical Hemorheology and Microcirculation, 2019, 71, 183-191.	1.7	8
124	In vivo biocompatibility study of degradable homo- versus multiblock copolymers and their (micro)structure compared to an established biomaterial. Clinical Hemorheology and Microcirculation, 2020, 75, 163-176.	1.7	8
125	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. Clinical Hemorheology and Microcirculation, 2022, 80, 107-116.	1.7	8
126	Degradation of and angiogenesis around multiblock copolymers containing poly(p-dioxanone)- and poly(Îµ-caprolactone)-segments subcutaneously implanted in the rat neck. Clinical Hemorheology and Microcirculation, 2010, 45, 117-122.	1.7	7

#	Article	IF	Citations
127	Correlation between postischemic vasodilation of the arteria brachialis and of the postischemic hyperemia in the adjacent microvascular bed. Clinical Hemorheology and Microcirculation, 2011, 49, 243-250.	1.7	7
128	Adherence and viability of primary human keratinocytes and primary human dermal fibroblasts on acrylonitrile-based copolymers with different concentrations of positively charged functional groups. Clinical Hemorheology and Microcirculation, 2012, 52, 391-401.	1.7	7
129	Magnetocardiography in patients with acute chest pain and bundle branch block. International Journal of Cardiology, 2013, 168, 582-583.	1.7	7
130	Test system for evaluating the influence of polymer properties on primary human keratinocytes and fibroblasts in mono- and coculture. Journal of Biotechnology, 2013, 166, 58-64.	3.8	7
131	Comparison of exercise electrocardiography and magnetocardiography for detection of coronary artery disease using ST-segment fluctuation score. Clinical Hemorheology and Microcirculation, 2019, 73, 283-291.	1.7	7
132	Microwave Ablation of Permanent Atrial Fibrillation during Isolated Bypass Grafting and Isolated Mitral Valve Surgery. Heart Surgery Forum, 2007, 10, E153-E157.	0.5	7
133	Capillary Occlusion and Secondary Angiogenesis in a Patient with Raynaud’s Phenomenon. Journal of Vascular Research, 1992, 29, 71-74.	1.4	6
134	Influence of xantinole nicotinic acid on cutaneous microcirculation in patients with coronary artery disease and hyperlipoproteinemia. Clinical Hemorheology and Microcirculation, 2008, 39, 287-292.	1.7	6
135	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. Clinical Hemorheology and Microcirculation, 2009, 43, 181-187.	1.7	6
136	Physically crosslinked gelatins functionalized with tyrosine moieties do not induce angiogenesis or thrombus formation in the developing vasculature in the avian chorioallantoic membrane. Clinical Hemorheology and Microcirculation, 2012, 50, 55-63.	1.7	6
137	Smooth muscle and endothelial cell behaviour on degradable copolyetheresterurethane films. Clinical Hemorheology and Microcirculation, 2012, 52, 313-323.	1.7	6
138	Cutaneous and muscular microcirculation in patients with terminal heart failure awaiting transplantation. Clinical Hemorheology and Microcirculation, 2012, 52, 217-227.	1.7	6
139	Effect of polystyrene and polyether imide cell culture inserts with different roughness on chondrocyte metabolic activity and gene expression profiles of aggrecan and collagen. Clinical Hemorheology and Microcirculation, 2013, 55, 523-533.	1.7	6
140	Pathophysiology of the contrast media-induced nephropathy (CIN) in patients undergoing coronary interventions. Clinical Hemorheology and Microcirculation, 2013, 53, 143-153.	1.7	6
141	Adherence and shear-resistance of primary human endothelial cells on smooth poly(ether imide) films. Clinical Hemorheology and Microcirculation, 2014, 57, 147-158.	1.7	6
142	Reduced Incidence of Thromboembolic Events after Surgical Closure of Left Atrial Appendage in Patients with Atrial Fibrillation. Innovations: Technology and Techniques in Cardiothoracic and Vascular Surgery, 2016, 11, 24-30.	0.9	6
143	Engineering of cell-laden gelatin-based microgels for cell delivery and immobilization in regenerative therapies. Clinical Hemorheology and Microcirculation, 2017, 67, 251-259.	1.7	6
144	Magnetocardiography scoring system to predict the presence of obstructive coronary artery disease. Clinical Hemorheology and Microcirculation, 2019, 70, 365-373.	1.7	6

#	Article	IF	Citations
145	Ultrasound elastography for the detection of capsular fibrosis in breast implants: First results. Clinical Hemorheology and Microcirculation, 2021, 77, 247-257.	1.7	6
146	Lactatdehydrogenase (LDH) prior and post implantation of ATSÂ® heart valves. International Journal of Cardiology, 2005, 105, 113-114.	1.7	5
147	Melt-processable hydrophobic acrylonitrile-based copolymer systems with adjustable elastic properties designed for biomedical applications. Clinical Hemorheology and Microcirculation, 2010, 45, 401-411.	1.7	5
148	Rheological and hemostasiological aspects of thrombus formation in the left atrial appendage in atrial fibrillation? A new strategy for prevention of cardioembolic stroke. Clinical Hemorheology and Microcirculation, 2010, 45, 311-323.	1.7	5
149	Influence of acetylsalicylic acid (Aspirin) on cutaneous microcirculation. Clinical Hemorheology and Microcirculation, 2012, 50, 25-34.	1.7	5
150	Influence of systemic hypothermia on the myocardial oxygen tension during extracorporeal circulation: Comparative study in German Landrace pigs. Clinical Hemorheology and Microcirculation, 2012, 52, 115-122.	1.7	5
151	Influence of the blood exposure time in dynamic hemocompatibility testing on coagulation and C5a activation. Journal of Cellular Biotechnology, 2016, 1, 145-150.	0.5	5
152	Response of encapsulated cells to a gelatin matrix with varied bulk and microenvironmental elastic properties. Polymers for Advanced Technologies, 2017, 28, 1245-1251.	3.2	5
153	Comparison of two substrate materials used as negative control in endothelialization studies: Glass versus polymeric tissue culture plate. Clinical Hemorheology and Microcirculation, 2018, 69, 437-445.	1.7	5
154	Interaction between extracellular cancer matrix and stromal breast cells. Clinical Hemorheology and Microcirculation, 2020, 74, 45-52.	1.7	5
155	Sublingual application of liquid nitrendipine does not result in critical hypotension in healthy volunteers under phosphodiesterase-5 inhibition. Clinical Hemorheology and Microcirculation, 2008, 39, 323-328.	1.7	4
156	Permeability of technical and biological tissues. Clinical Hemorheology and Microcirculation, 2009, 43, 149-155.	1.7	4
157	Angiogenically stimulated alternative monocytes maintain their pro-angiogenic and non-inflammatory phenotype in long-term co-cultures with HUVEC. Clinical Hemorheology and Microcirculation, 2014, 58, 229-240.	1.7	4
158	Monolayer formation and shear- resistance of human vein endothelial cells onÂgelatin-based hydrogels with tailorable elasticity and degradability. Clinical Hemorheology and Microcirculation, 2017, 64, 699-710.	1.7	4
159	Shear resistance of endothelial cells inÂaÂpathological environment. Clinical Hemorheology and Microcirculation, 2017, 64, 383-389.	1.7	4
160	Effect of lipopolysaccharide on the adherence of human umbilical vein endothelial cells (HUVEC) on a natural substrate. Clinical Hemorheology and Microcirculation, 2019, 71, 175-181.	1.7	4
161	The influence of pulsed electromagnetic field therapy (PEMFT) on cutaneous blood flow in healthy volunteers. Clinical Hemorheology and Microcirculation, 2021, 76, 495-501.	1.7	4
162	Principles of ethical authorship for publication in Clinical Hemorheology and Microcirculation. Clinical Hemorheology and Microcirculation, 2009, 43, 189-99.	1.7	4

#	Article	IF	Citations
163	Influence of Sodium Fluorescein on Erythrocyte Aggregation in Patients with Cerebral Microangiopathy. Microvascular Research, 1995, 49, 246-250.	2.5	3
164	Influence of two non-ionic radiographic contrast media with different osmolalities on coagulation in invasive cardiology. A prospective, randomised comparative study. Acta Radiologica, 2002, 43, 617-622.	1.1	3
165	Influence of VEGF stimulated human macrophages on the proliferation of dermal microvascular endothelial cells: Coculture experiments. Clinical Hemorheology and Microcirculation, 2010, 46, 211-216.	1.7	3
166	The effect of prone versus supine positioning of Goettingen minipigs on lung density as viewed by computed tomography. Clinical Hemorheology and Microcirculation, 2012, 52, 85-92.	1.7	3
167	Histological and SEM Assessment of Blood Stasis in Kidney Blood Vessels after Repeated Intra-Arterial Application of Radiographic Contrast Media. Life, 2020, 10, 167.	2.4	3
168	Aptamer supported in vitro endothelialization of poly(ether imide) films. Clinical Hemorheology and Microcirculation, 2020, 75, 201-217.	1.7	3
169	High resolution flow with glazing flow for optimized flow detection in transjugular intrahepatic portosystemic stent shunt (TIPS): First results. Clinical Hemorheology and Microcirculation, 2022, 82, 231-238.	1.7	3
170	Haemodilution and oxygen transport capacity. Journal of Neurology, 1990, 237, 126-126.	3.6	2
171	Electron-microscopic Examination of Silicon-Carbide-coated Endovascular Stents - Elektronenmikroskopische Untersuchung eines Silizium-Carbid-beschichteten endovaskulÃren Stents. Biomedizinische Technik, 1998, 43, 47-52.	0.8	2
172	Magnetocardiography predicts coronary artery disease in bundle-branch block patients with acute chest pain. Journal of Electrocardiology, 2007, 40, S53.	0.9	2
173	Embedding of radiographic media molecules in the membrane of erythrocytes. Clinical Hemorheology and Microcirculation, 2010, 46, 225-232.	1.7	2
174	Special article Magnetocardiography in clinical cardiology. Status quo and future applications. Postepy W Kardiologii Interwencyjnej, 2011, 3, 215-222.	0.2	2
175	Perspectives in Clinical Hemorheology and Microcirculation: Review of the Conference of the German Society for Clinical Microcirculation and Hemorheology 2010. Clinical Hemorheology and Microcirculation, 2011, 48, 1-3.	1.7	2
176	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. Clinical Hemorheology and Microcirculation, 2012, 52, 229-234.	1.7	2
177	Do radiographic contrast media (Iodixanol or Iomeprol) induce a perturbation of human arterial and/or venous endothial cells in vitro on extracellular matrix?. Clinical Hemorheology and Microcirculation, 2012, 50, 49-54.	1.7	2
178	Noninvasive detection of myocardial ischemia: A case of magnetocardiography. Clinical Hemorheology and Microcirculation, 2015, 60, 163-169.	1.7	2
179	Folate receptor mediated genetic modification of human mesenchymal stem cells via folic acid-polyethylenimine-grafted poly(N-3-hydroxypropyl)aspartamide. Clinical Hemorheology and Microcirculation, 2017, 67, 279-295.	1.7	2
180	Modulation of the mesenchymal stem cell migration capacity via preconditioning with topographic microstructure. Clinical Hemorheology and Microcirculation, 2017, 67, 267-278.	1.7	2

#	Article	IF	Citations
181	Magnetocardiography detects left atrial dysfunction in paroxysmal atrial fibrillation. Clinical Hemorheology and Microcirculation, 2019, 72, 353-363.	1.7	2
182	Substrate-enzyme affinity-based surface modification strategy for endothelial cell-specific binding under shear stress. Clinical Hemorheology and Microcirculation, 2019, 75, 1-14.	1.7	2
183	Regulation of bone regeneration. Clinical Hemorheology and Microcirculation, 2020, 73, 379-380.	1.7	2
184	Potential Effects of Nonadherent on Adherent Human Umbilical Venous Endothelial Cells in Cell Culture. International Journal of Molecular Sciences, 2021, 22, 1493.	4.1	2
185	Inhibition of phase-1 biotransformation and cytostatic effects of diphenyleneiodonium on hepatoblastoma cell line HepG2 and a CYP3A4-overexpressing HepG2 cell clone. Clinical Hemorheology and Microcirculation, 2021, 79, 1-13.	1.7	2
186	Interaction between a perfluorocarbon emulsion and radiographic contrast media. Journal of Invasive Cardiology, 2004, 16, 110-2.	0.4	2
187	Haemocompatibility of Coronary Cafheters - HÃmokompatibilitÃt von Koronar-Kathetern. Biomedizinische Technik, 2000, 45, 163-167.	0.8	1
188	Intravital microscopy of the capillary perfusion in the corium limbi of the third toe of the minipig. Clinical Hemorheology and Microcirculation, 2009, 43, 173-179.	1.7	1
189	In vitro evaluation of a nitinol based vein cuff for external valvuloplasty. Clinical Hemorheology and Microcirculation, 2010, 45, 347-358.	1.7	1
190	Influence of polymeric microspheres on the myocardial oxygen partial pressure in the beating heart of pigs. Microvascular Research, 2011, 82, 52-57.	2.5	1
191	Comment on: â€œHemocompatibility of Superhemophobic Titania Surfacesâ€. Advanced Healthcare Materials, 2017, 6, 1700294.	7.6	1
192	An Inverse Shapeâ€Memory Hydrogel Scaffold Switching Upon Cooling in a Tissueâ€Tolerated Temperature Range. Advanced Materials Interfaces, 2022, 9, .	3.7	1
193	Elektronenmikroskopische Untersuchung von Koronar-STENTs. Biomedizinische Technik, 1998, 43, 144-145.	0.8	0
194	Ablation of typical atrial flutter using a three-dimensional ultrasound mapping system. Journal of Interventional Cardiac Electrophysiology, 2003, 8, 181-185.	1.3	0
195	Hemorheology and musical arts. Clinical Hemorheology and Microcirculation, 2009, 41, 219-219.	1.7	0
196	Laudatio for the 2011 FÃ¥hraeus Awardee: Prof. Dr. Hans Walter Reinhart. Clinical Hemorheology and Microcirculation, 2011, 49, 7-10.	1.7	0
197	A NiTi alloy-based cuff for external banding valvuloplasty: a six-week follow-up study in pigs. Phlebology, 2012, 27, 337-346.	1.2	0
198	Viability and function of primary human endothelial cells on smooth poly (ether imide) films. Clinical Hemorheology and Microcirculation, 2013, 55, 281-281.	1.7	0

#	Article	IF	Citations
199	A.L. Copley Best Paper Prize 2018. Clinical Hemorheology and Microcirculation, 2019, 72, 117-118.	1.7	0
200	A.L. Copley Best Paper Prize 2020. Clinical Hemorheology and Microcirculation, 2021, 77, 245-246.	1.7	0
201	Defeating antibiotic-resistant bacteria with protein-resistant polyGGE film. Clinical Hemorheology and Microcirculation, 2021, , 1-15.	1.7	0
202	Influence of sterilization conditions on sulfate-functionalized polyGGE. Clinical Hemorheology and Microcirculation, 2021, 79, 597-608.	1.7	0
203	Prediction of the epichlorohydrin derived cytotoxic substances from the eluent of poly(glycerol) Tj ETQq1 1 0.784314 rgBT /Overlock	0.9	0
204	Reduced Incidence of Thromboembolic Events after Surgical Closure of Left Atrial Appendage in Patients with Atrial Fibrillation. Innovations: Technology and Techniques in Cardiothoracic and Vascular Surgery, 2016, 11, 24-30.	0.9	0