

Friedrich Fj Jung

List of Publications by Year in descending order

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

Version: 2024-02-01

203
papers

5,487
citations

109137

35
h-index

114278

63
g-index

241
all docs

241
docs citations

241
times ranked

5187
citing authors

#	ARTICLE	IF	CITATIONS
1	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. <i>Clinical Hemorheology and Microcirculation</i> , 2023, 83, 31-46.	0.9	13
2	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> , 2022, 80, 107-116.	0.9	8
3	An Inverse Shape-Memory Hydrogel Scaffold Switching Upon Cooling in a Tissue-Tolerated Temperature Range. <i>Advanced Materials Interfaces</i> , 2022, 9, .	1.9	1
4	High resolution flow with glazing flow for optimized flow detection in transjugular intrahepatic portosystemic stent shunt (TIPS): First results. <i>Clinical Hemorheology and Microcirculation</i> , 2022, 82, 231-238.	0.9	3
5	The influence of pulsed electromagnetic field therapy (PEMFT) on cutaneous blood flow in healthy volunteers. <i>Clinical Hemorheology and Microcirculation</i> , 2021, 76, 495-501.	0.9	4
6	Ultrasound elastography for the detection of capsular fibrosis in breast implants: First results. <i>Clinical Hemorheology and Microcirculation</i> , 2021, 77, 247-257.	0.9	6
7	Response of Endothelial Cells to Gelatin-Based Hydrogels. <i>ACS Biomaterials Science and Engineering</i> , 2021, 7, 527-540.	2.6	26
8	Potential Effects of Nonadherent on Adherent Human Umbilical Venous Endothelial Cells in Cell Culture. <i>International Journal of Molecular Sciences</i> , 2021, 22, 1493.	1.8	2
9	A.L. Copley Best Paper Prize 2020. <i>Clinical Hemorheology and Microcirculation</i> , 2021, 77, 245-246.	0.9	0
10	Morphology and Growth of <i>Arthrospira platensis</i> during Cultivation in a Flat-Type Bioreactor. <i>Life</i> , 2021, 11, 536.	1.1	13
11	Contrast-enhanced ultrasound (CEUS) and perfusion imaging using VueBox®. <i>Clinical Hemorheology and Microcirculation</i> , 2021, 78, 29-40.	0.9	34
12	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.	0.9	12
13	Defeating antibiotic-resistant bacteria with protein-resistant polyGGE film. <i>Clinical Hemorheology and Microcirculation</i> , 2021, , 1-15.	0.9	0
14	Influence of sterilization conditions on sulfate-functionalized polyGGE. <i>Clinical Hemorheology and Microcirculation</i> , 2021, 79, 597-608.	0.9	0
15	Inhibition of phase-1 biotransformation and cytostatic effects of diphenylethylidonium on hepatoblastoma cell line HepG2 and a CYP3A4-overexpressing HepG2 cell clone. <i>Clinical Hemorheology and Microcirculation</i> , 2021, 79, 1-13.	0.9	2
16	Quantification of dynamic contrast-enhanced ultrasound (CEUS) in non-cystic breast lesions using external perfusion software. <i>Scientific Reports</i> , 2021, 11, 17677.	1.6	17
17	Phycocyanin from <i>Arthrospira platensis</i> as Potential Anti-Cancer Drug: Review of In Vitro and In Vivo Studies. <i>Life</i> , 2021, 11, 91.	1.1	45
18	Regulation of bone regeneration. <i>Clinical Hemorheology and Microcirculation</i> , 2020, 73, 379-380.	0.9	2

#	ARTICLE	IF	CITATIONS
19	Interaction between extracellular cancer matrix and stromal breast cells. <i>Clinical Hemorheology and Microcirculation</i> , 2020, 74, 45-52.	0.9	5
20	Effect of Prostanoids on Human Platelet Function: An Overview. <i>International Journal of Molecular Sciences</i> , 2020, 21, 9020.	1.8	57
21	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, 167.	1.1	3
22	Aptamer supported in vitro endothelialization of poly(ether imide) films. <i>Clinical Hemorheology and Microcirculation</i> , 2020, 75, 201-217.	0.9	3
23	A.L. Copley Best Paper Prize 2019. <i>Clinical Hemorheology and Microcirculation</i> , 2020, 75, 1-2.	0.9	14
24	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.	0.9	8
25	A.L. Copley Best Paper Prize 2018. <i>Clinical Hemorheology and Microcirculation</i> , 2019, 72, 117-118.	0.9	0
26	In Vitro Thrombogenicity Testing of Biomaterials. <i>Advanced Healthcare Materials</i> , 2019, 8, e1900527.	3.9	54
27	Vascular Endothelial Cell Biology: An Update. <i>International Journal of Molecular Sciences</i> , 2019, 20, 4411.	1.8	573
28	Shear-induced platelet adherence and activation in an in-vitro dynamic multiwell-plate system. <i>Clinical Hemorheology and Microcirculation</i> , 2019, 71, 183-191.	0.9	8
29	Magnetocardiography detects left atrial dysfunction in paroxysmal atrial fibrillation. <i>Clinical Hemorheology and Microcirculation</i> , 2019, 72, 353-363.	0.9	2
30	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.	0.9	4
31	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.	0.9	7
32	Substrate-enzyme affinity-based surface modification strategy for endothelial cell-specific binding under shear stress. <i>Clinical Hemorheology and Microcirculation</i> , 2019, 75, 1-14.	0.9	2
33	Magnetocardiography scoring system to predict the presence of obstructive coronary artery disease. <i>Clinical Hemorheology and Microcirculation</i> , 2019, 70, 365-373.	0.9	6
34	Endothelial cell migration, adhesion and proliferation on different polymeric substrates. <i>Clinical Hemorheology and Microcirculation</i> , 2019, 70, 511-529.	0.9	9
35	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.	0.9	5
36	<i>In vivo</i> biocompatibility assessment of poly (ether imide) electrospun scaffolds. <i>Journal of Tissue Engineering and Regenerative Medicine</i> , 2017, 11, 1034-1044.	1.3	14

#	ARTICLE	IF	CITATIONS
37	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.	0.8	18
38	Angiogenic potential of endothelial and tumor cells seeded on gelatin-based hydrogels in response to electrical stimulations. <i>Clinical Hemorheology and Microcirculation</i> , 2017, 64, 941-949.	0.9	11
39	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> , 2017, 64, 699-710.	0.9	4
40	Shear resistance of endothelial cells in a pathological environment. <i>Clinical Hemorheology and Microcirculation</i> , 2017, 64, 383-389.	0.9	4
41	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.	0.9	2
42	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.	1.6	16
43	Comment on: "Hemocompatibility of Superhydrophobic Titania Surfaces". <i>Advanced Healthcare Materials</i> , 2017, 6, 1700294.	3.9	1
44	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.	0.9	6
45	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.	1.6	5
46	Human Endothelial Cell Models in Biomaterial Research. <i>Trends in Biotechnology</i> , 2017, 35, 265-277.	4.9	99
47	Stirred, shaken, or stagnant: What goes on at the blood-biomaterial interface. <i>Blood Reviews</i> , 2017, 31, 11-21.	2.8	64
48	Modulation of the mesenchymal stem cell migration capacity via preconditioning with topographic microstructure. <i>Clinical Hemorheology and Microcirculation</i> , 2017, 67, 267-278.	0.9	2
49	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.	0.1	16
50	The microcirculation in hypoxia: The center of the battlefield for oxygen. <i>Clinical Hemorheology and Microcirculation</i> , 2016, 63, 169-172.	0.9	24
51	Gelatin-based Hydrogel Degradation and Tissue Interaction <i>in vivo</i> : Insights from Multimodal Preclinical Imaging in Immunocompetent Nude Mice. <i>Theranostics</i> , 2016, 6, 2114-2128.	4.6	96
52	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.	0.4	6
53	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.	0.1	5
54	Platelets and coronary artery disease: Interactions with the blood vessel wall and cardiovascular devices. <i>Biointerphases</i> , 2016, 11, 029702.	0.6	33

#	ARTICLE	IF	CITATIONS
55	Thrombogenicity and hemocompatibility of biomaterials. <i>Biointerphases</i> , 2016, 11, 029601.	0.6	42
56	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.	1.4	9
57	Generating Aptamers Interacting with Polymeric Surfaces for Biofunctionalization. <i>Macromolecular Bioscience</i> , 2016, 16, 1776-1791.	2.1	15
58	Activation of Peroxisome Proliferator-Activated Receptor- γ as Novel Therapeutic Strategy to Prevent In-Stent Restenosis and Stent Thrombosis. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2016, 36, 1534-1548.	1.1	22
59	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, 210-217.	1.6	38
60	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.	0.4	0
61	Biocompatibility of a novel zinc stent with a closed-cell-design. <i>Clinical Hemorheology and Microcirculation</i> , 2015, 61, 205-211.	0.9	9
62	Noninvasive detection of myocardial ischemia: A case of magnetocardiography. <i>Clinical Hemorheology and Microcirculation</i> , 2015, 60, 163-169.	0.9	2
63	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, 354-365.	1.0	24
64	Validation of magnetocardiography versus fractional flow reserve for detection of coronary artery disease. <i>Clinical Hemorheology and Microcirculation</i> , 2015, 59, 267-281.	0.9	18
65	Effect of Radiographic Contrast Media on the Spectrin/Band3-Network of the Membrane Skeleton of Erythrocytes. <i>PLoS ONE</i> , 2014, 9, e89512.	1.1	17
66	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, 16134-16152.	1.8	11
67	Expression pattern analysis and activity determination of matrix metalloproteinase derived from human macrophage subsets. <i>Clinical Hemorheology and Microcirculation</i> , 2014, 58, 147-158.	0.9	19
68	Interaction of poly(ether imide) films with early immune mechanisms. <i>Clinical Hemorheology and Microcirculation</i> , 2014, 57, 203-212.	0.9	9
69	Adherence and shear-resistance of primary human endothelial cells on smooth poly(ether imide) films. <i>Clinical Hemorheology and Microcirculation</i> , 2014, 57, 147-158.	0.9	6
70	Percutaneous left atrial appendage closure with a novel self-modelizing device: A pre-clinical feasibility study. <i>International Journal of Cardiology</i> , 2014, 177, 957-963.	0.8	13
71	EPO or PlacEPO? Science versus Practical Experience. <i>Biorheology</i> , 2014, 51, 83-90.	1.2	11
72	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, 229-240.	0.9	4

#	ARTICLE	IF	CITATIONS
73	Multivalent grafting of hyperbranched oligo- and polyglycerols shielding rough membranes to mediate hemocompatibility. <i>Journal of Materials Chemistry B</i> , 2014, 2, 3626-3635.	2.9	26
74	Biocompatibility and inflammatory response in vitro and in vivo to gelatin-based biomaterials with tailorable elastic properties. <i>Biomaterials</i> , 2014, 35, 9755-9766.	5.7	89
75	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, 111-120.	0.9	11
76	Microcirculation in hypertensive patients. <i>Biorheology</i> , 2013, 50, 241-255.	1.2	61
77	Are there sufficient standards for the in vitro hemocompatibility testing of biomaterials?. <i>Biointerphases</i> , 2013, 8, 33.	0.6	53
78	Poly(ethylene glycol) Grafting to Poly(ether imide) Membranes: Influence on Protein Adsorption and Thrombocyte Adhesion. <i>Macromolecular Bioscience</i> , 2013, 13, 1720-1729.	2.1	31
79	Magnetocardiography in patients with acute chest pain and bundle branch block. <i>International Journal of Cardiology</i> , 2013, 168, 582-583.	0.8	7
80	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, 288-296.	2.0	19
81	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.	1.9	7
82	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, 157-168.	0.9	8
83	Cultivation and spontaneous differentiation of rat bone marrow-derived mesenchymal stem cells on polymeric surfaces. <i>Clinical Hemorheology and Microcirculation</i> , 2013, 55, 143-156.	0.9	9
84	Influence of fibre diameter and orientation of electrospun copolyetheresterurethanes on smooth muscle and endothelial cell behaviour. <i>Clinical Hemorheology and Microcirculation</i> , 2013, 55, 513-522.	0.9	16
85	Viability and function of primary human endothelial cells on smooth poly (ether imide) films. <i>Clinical Hemorheology and Microcirculation</i> , 2013, 55, 281-281.	0.9	0
86	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, 523-533.	0.9	6
87	Laser Doppler flux measurement for the assessment of cutaneous microcirculation – critical remarks. <i>Clinical Hemorheology and Microcirculation</i> , 2013, 55, 411-416.	0.9	33
88	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, 235-248.	0.9	11
89	Pathophysiology of the contrast media-induced nephropathy (CIN) in patients undergoing coronary interventions. <i>Clinical Hemorheology and Microcirculation</i> , 2013, 53, 143-153.	0.9	6
90	Haemocompatibility testing of biomaterials using human platelets. <i>Clinical Hemorheology and Microcirculation</i> , 2013, 53, 97-115.	0.9	79

#	ARTICLE	IF	CITATIONS
91	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.	0.9	6
92	A NiTi alloy-based cuff for external banding valvuloplasty: a six-week follow-up study in pigs. <i>Phlebology</i> , 2012, 27, 337-346.	0.6	0
93	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.	0.9	7
94	Smooth muscle and endothelial cell behaviour on degradable copolyetheresterurethane films. <i>Clinical Hemorheology and Microcirculation</i> , 2012, 52, 313-323.	0.9	6
95	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, 229-234.	0.9	2
96	Cutaneous and muscular microcirculation in patients with terminal heart failure awaiting transplantation. <i>Clinical Hemorheology and Microcirculation</i> , 2012, 52, 217-227.	0.9	6
97	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.	0.9	8
98	Influence of different radiographic contrast media on the echinocyte formation of human erythrocytes. <i>Clinical Hemorheology and Microcirculation</i> , 2012, 50, 35-47.	0.9	14
99	Influence of acetylsalicylic acid (Aspirin) on cutaneous microcirculation. <i>Clinical Hemorheology and Microcirculation</i> , 2012, 50, 25-34.	0.9	5
100	Immunological evaluation of polystyrene and poly(ether imide) cell culture inserts with different roughness. <i>Clinical Hemorheology and Microcirculation</i> , 2012, 52, 375-389.	0.9	15
101	The influence of polymer scaffolds on cellular behaviour of bone marrow derived human mesenchymal stem cells. <i>Clinical Hemorheology and Microcirculation</i> , 2012, 52, 357-373.	0.9	21
102	Viability and function of primary human endothelial cells on smooth poly(ether imide) films. <i>Clinical Hemorheology and Microcirculation</i> , 2012, 52, 267-282.	0.9	8
103	Automated image-based analysis of adherent thrombocytes on polymer surfaces. <i>Clinical Hemorheology and Microcirculation</i> , 2012, 52, 349-355.	0.9	13
104	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, 101-112.	0.9	19
105	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, 4253-4259.	4.1	28
106	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.	1.0	8
107	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, 901-915.	1.9	20
108	Endothelial function and hemorheological parameters modulate coronary blood flow in patients without significant coronary artery disease. <i>Clinical Hemorheology and Microcirculation</i> , 2012, 52, 255-266.	0.9	16

#	ARTICLE	IF	CITATIONS
109	Effect of cytochrome P450-dependent epoxyeicosanoids on Ristocetin-induced thrombocyte aggregation. <i>Clinical Hemorheology and Microcirculation</i> , 2012, 52, 403-416.	0.9	23
110	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.	0.9	3
111	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, 115-122.	0.9	5
112	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, 283-294.	0.9	9
113	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, 131-142.	0.9	25
114	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.	0.9	2
115	Photocrosslinked Coâ€Networks from Glycidylmethacrylated Gelatin and Poly(ethylene glycol) Methacrylates. <i>Macromolecular Bioscience</i> , 2012, 12, 484-493.	2.1	37
116	Surface Functionalization of Poly(ether imide) Membranes with Linear, Methylated Oligoglycerols for Reducing Thrombogenicity. <i>Macromolecular Rapid Communications</i> , 2012, 33, 1487-1492.	2.0	39
117	Viability of Human Mesenchymal Stem Cells Seeded on Crosslinked Entropyâ€Elastic Gelatinâ€Based Hydrogels. <i>Macromolecular Bioscience</i> , 2012, 12, 312-321.	2.1	44
118	Reducing the Endotoxin Burden of Desaminotyrosineâ€and Desaminotyrosyl Tyrosineâ€Functionalized Gelatin. <i>Macromolecular Symposia</i> , 2011, 309-310, 182-189.	0.4	16
119	Efficacy of CD14+ blood monocytes/macrophages isolation: Positive versus negative MACSâ„¢ protocol. <i>Clinical Hemorheology and Microcirculation</i> , 2011, 48, 57-63.	0.9	13
120	Support of HUVEC proliferation by pro-angiogenic intermediate CD163+ monocytes/macrophages: A co-culture experiment. <i>Clinical Hemorheology and Microcirculation</i> , 2011, 49, 423-430.	0.9	15
121	Influence of polymeric microspheres on the myocardial oxygen partial pressure in the beating heart of pigs. <i>Microvascular Research</i> , 2011, 82, 52-57.	1.1	1
122	Laudatio for the 2011 FÃ¶hraeus Awardee: Prof. Dr. Hans Walter Reinhart. <i>Clinical Hemorheology and Microcirculation</i> , 2011, 49, 7-10.	0.9	0
123	Correlation between posts ischemic vasodilation of the arteria brachialis and of the posts ischemic hyperemia in the adjacent microvascular bed. <i>Clinical Hemorheology and Microcirculation</i> , 2011, 49, 243-250.	0.9	7
124	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, 375-390.	0.9	18
125	Special article Magnetocardiography in clinical cardiology. Status quo and future applications. <i>Postepy W Kardiologii Interwencyjnej</i> , 2011, 3, 215-222.	0.1	2
126	Soft poly(n-butyl acrylate) networks with tailored mechanical properties designed as substrates for <i>in vitro</i> models. <i>Polymers for Advanced Technologies</i> , 2011, 22, 126-132.	1.6	27

#	ARTICLE	IF	CITATIONS
127	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.	0.9	15
128	Influence of rheological parameters on the velocity of erythrocytes passing nailfold capillaries in humans. <i>Clinical Hemorheology and Microcirculation</i> , 2011, 48, 129-139.	0.9	72
129	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.	0.9	11
130	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.	0.9	2
131	Cytocompatibility testing of cell culture modules fabricated from specific candidate biomaterials using injection molding. <i>Journal of Biotechnology</i> , 2010, 148, 76-82.	1.9	44
132	Melt-processable hydrophobic acrylonitrile-based copolymer systems with adjustable elastic properties designed for biomedical applications. <i>Clinical Hemorheology and Microcirculation</i> , 2010, 45, 401-411.	0.9	5
133	From hemorheology to microcirculation and regenerative medicine: Fährhaus Lecture 2009. <i>Clinical Hemorheology and Microcirculation</i> , 2010, 45, 79-99.	0.9	72
134	Reduced diagnostic value of lactate dehydrogenase (LDH) in the presence of radiographic contrast media. <i>Clinical Hemorheology and Microcirculation</i> , 2010, 45, 123-130.	0.9	15
135	In vivo evaluation of the angiogenic effects of the multiblock copolymer PDC using the hen's egg chorioallantoic membrane test. <i>Clinical Hemorheology and Microcirculation</i> , 2010, 46, 233-238.	0.9	11
136	Interaction of thrombocytes with poly(ether imide): The influence of processing. <i>Clinical Hemorheology and Microcirculation</i> , 2010, 46, 239-250.	0.9	26
137	Degradation of and angiogenesis around multiblock copolymers containing poly(p-dioxanone)- and poly(μ -caprolactone)-segments subcutaneously implanted in the rat neck. <i>Clinical Hemorheology and Microcirculation</i> , 2010, 45, 117-122.	0.9	7
138	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, 217-223.	0.9	17
139	In vitro evaluation of a nitinol based vein cuff for external valvuloplasty. <i>Clinical Hemorheology and Microcirculation</i> , 2010, 45, 347-358.	0.9	1
140	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, 311-323.	0.9	5
141	Embedding of radiographic media molecules in the membrane of erythrocytes. <i>Clinical Hemorheology and Microcirculation</i> , 2010, 46, 225-232.	0.9	2
142	Influence of VEGF stimulated human macrophages on the proliferation of dermal microvascular endothelial cells: Coculture experiments. <i>Clinical Hemorheology and Microcirculation</i> , 2010, 46, 211-216.	0.9	3
143	Critical hematocrit and oxygen partial pressure in the beating heart of pigs. <i>Microvascular Research</i> , 2010, 80, 389-393.	1.1	14
144	Degradable, Multifunctional Cardiovascular Implants: Challenges and Hurdles. <i>MRS Bulletin</i> , 2010, 35, 607-613.	1.7	116

#	ARTICLE	IF	CITATIONS
145	Hemorheology and musical arts. <i>Clinical Hemorheology and Microcirculation</i> , 2009, 41, 219-219.	0.9	0
146	Post-Mortem Analysis of a Left Atrial Appendage Occlusion Device (PLAATO [®]) in a Patient with Permanent Atrial Fibrillation. <i>Cardiology</i> , 2009, 112, 205-208.	0.6	8
147	Evaluation of Malignant Liver Tumors: Biphasic MS-CT versus Quantitative Contrast Harmonic Imaging Ultrasound. <i>Zeitschrift Fur Gastroenterologie</i> , 2009, 47, 1195-1202.	0.2	23
148	New guidelines for hemorheological laboratory techniques. <i>Clinical Hemorheology and Microcirculation</i> , 2009, 42, 75-97.	0.9	390
149	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, 173-179.	0.9	1
150	Capillary bleeding under oral anticoagulation. <i>Clinical Hemorheology and Microcirculation</i> , 2009, 43, 167-171.	0.9	10
151	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, 157-166.	0.9	27
152	Permeability of technical and biological tissues. <i>Clinical Hemorheology and Microcirculation</i> , 2009, 43, 149-155.	0.9	4
153	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, 181-187.	0.9	6
154	Extreme reduction of the capillary lumen in segments of the venular legs of human cutaneous capillaries. <i>Microvascular Research</i> , 2009, 78, 241-245.	1.1	8
155	Principles of ethical authorship for publication in <i>Clinical Hemorheology and Microcirculation</i> . <i>Clinical Hemorheology and Microcirculation</i> , 2009, 43, 189-99.	0.9	4
156	Resting Magnetocardiography Predicts 3-Year Mortality in Patients Presenting with Acute Chest Pain without ST Segment Elevation. <i>Annals of Noninvasive Electrocardiology</i> , 2008, 13, 171-179.	0.5	15
157	Influence of various radiographic contrast media on the buckling of endothelial cells. <i>Microvascular Research</i> , 2008, 76, 110-113.	1.1	44
158	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.	0.9	17
159	Effects of desmopressin on platelet membrane glycoproteins and platelet aggregation in volunteers on clopidogrel. <i>Clinical Hemorheology and Microcirculation</i> , 2008, 39, 293-302.	0.9	48
160	Regulation of the myocardial microcirculation. <i>Clinical Hemorheology and Microcirculation</i> , 2008, 39, 265-279.	0.9	44
161	Reversibility of echinocyte formation after contact of erythrocytes with various radiographic contrast media. <i>Clinical Hemorheology and Microcirculation</i> , 2008, 39, 281-286.	0.9	21
162	Sublingual application of liquid nitrendipine does not result in critical hypotension in healthy volunteers under phosphodiesterase-5 inhibition. <i>Clinical Hemorheology and Microcirculation</i> , 2008, 39, 323-328.	0.9	4

#	ARTICLE	IF	CITATIONS
163	Cutaneous microcirculatory function predicts the responsiveness to tadalafil in patients with erectile dysfunction and coronary artery disease. <i>International Journal of Impotence Research</i> , 2008, 20, 150-156.	1.0	8
164	Influence of xantinole nicotinic acid on cutaneous microcirculation in patients with coronary artery disease and hyperlipoproteinemia. <i>Clinical Hemorheology and Microcirculation</i> , 2008, 39, 287-292.	0.9	6
165	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> , 2007, 48, 292-299.	0.5	19
166	Magnetocardiography predicts coronary artery disease in bundle-branch block patients with acute chest pain. <i>Journal of Electrocardiology</i> , 2007, 40, S53.	0.4	2
167	Microwave Ablation of Permanent Atrial Fibrillation during Isolated Bypass Grafting and Isolated Mitral Valve Surgery. <i>Heart Surgery Forum</i> , 2007, 10, E153-E157.	0.2	7
168	Intraoperative endocardial microwave ablation for treatment of permanent atrial fibrillation during coronary artery bypass surgery: 1-year follow-up. <i>Europace</i> , 2006, 8, 16-20.	0.7	21
169	Magnetocardiography Predicts Coronary Artery Disease in Patients with Acute Chest Pain. <i>Annals of Noninvasive Electrocardiology</i> , 2005, 10, 312-323.	0.5	74
170	Use of the Platelet Reactivity Index by Grottemeyer, Platelet Function Analyzer, and Retention Test Homburg To Monitor Therapy with Antiplatelet Drugs. <i>Seminars in Thrombosis and Hemostasis</i> , 2005, 31, 464-469.	1.5	10
171	Influence of ventricular pacing on myocardial oxygen tension. <i>Microvascular Research</i> , 2005, 70, 97-101.	1.1	8
172	Lactatdehydrogenase (LDH) prior and post implantation of ATSÂ® heart valves. <i>International Journal of Cardiology</i> , 2005, 105, 113-114.	0.8	5
173	Microwave ablation for the surgical treatment of permanent atrial fibrillation? a single centre experience*1. <i>European Journal of Cardio-thoracic Surgery</i> , 2004, 26, 742-746.	0.6	35
174	Interaction between a perfluorocarbon emulsion and radiographic contrast media. <i>Journal of Invasive Cardiology</i> , 2004, 16, 110-2.	0.4	2
175	Ablation of typical atrial flutter using a three-dimensional ultrasound mapping system. <i>Journal of Interventional Cardiac Electrophysiology</i> , 2003, 8, 181-185.	0.6	0
176	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> , 2002, 32, 121-126.	0.5	16
177	Influence of two non-ionic radiographic contrast media with different osmolalities on coagulation in invasive cardiology. A prospective, randomised comparative study. <i>Acta Radiologica</i> , 2002, 43, 617-622.	0.5	3
178	Primary Cutaneous Microangiopathy in Heart Recipients. <i>Microvascular Research</i> , 2001, 62, 154-163.	1.1	29
179	Haemocompatibility of Endovascular Coronary Stents: Wiktor GXÂ©. HÃmokompatibilitÃt von Koronarstents: Wiktor GXÂ©. <i>Biomedizinische Technik</i> , 2001, 46, 200-206.	0.9	8
180	Effects of an Onion-Olive Oil Maceration Product Containing Essential Ingredients of the Mediterranean Diet on Blood Pressure and Blood Fluidity. <i>Arzneimittelforschung</i> , 2001, 51, 104-111.	0.5	9

#	ARTICLE	IF	CITATIONS
181	Capillary Microscopic and Rheological Dimensions for the Diagnosis of von Willebrand Disease in Comparison to other Haemorrhagic Diatheses. <i>Thrombosis and Haemostasis</i> , 2000, 84, 981-988.	1.8	29
182	Haemocompatibility of Coronary Catheters - Häkompatibilität von Koronar-Kathetern. <i>Biomedizinische Technik</i> , 2000, 45, 163-167.	0.9	1
183	Influence of the Onion as an Essential Ingredient of the Mediterranean Diet on Arterial Blood Pressure and Blood Fluidity. <i>Arzneimittelforschung</i> , 2000, 50, 795-801.	0.5	16
184	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> , 2000, 60, 193-200.	1.1	17
185	Effect of X-Ray Contrast Media on Blood Flow Properties after Coronary Angiography. <i>Thrombosis Research</i> , 1999, 96, 253-260.	0.8	18
186	Electron-microscopic Examination of Silicon-Carbide-coated Endovascular Stents - Elektronenmikroskopische Untersuchung eines Silizium-Carbid-beschichteten endovaskulären Stents. <i>Biomedizinische Technik</i> , 1998, 43, 47-52.	0.9	2
187	Elektronenmikroskopische Untersuchung von Koronar-STENTs. <i>Biomedizinische Technik</i> , 1998, 43, 144-145.	0.9	0
188	Role of Rheologic Factors in Patients with Acute Central Retinal Vein Occlusion. <i>Ophthalmology</i> , 1996, 103, 80-86.	2.5	57
189	Influence of Sodium Fluorescein on Erythrocyte Aggregation in Patients with Cerebral Microangiopathy. <i>Microvascular Research</i> , 1995, 49, 246-250.	1.1	3
190	Capillary Occlusion and Secondary Angiogenesis in a Patient with Raynaud's Phenomenon. <i>Journal of Vascular Research</i> , 1992, 29, 71-74.	0.6	6
191	Retinal Capillary Blood Flow Measurement with a Scanning Laser Ophthalmoscope Preliminary Results. <i>Ophthalmology</i> , 1991, 98, 996-1000.	2.5	142
192	Retinal blood flow in diabetic children and adolescents. <i>Graefe's Archive for Clinical and Experimental Ophthalmology</i> , 1991, 229, 336-340.	1.0	13
193	Retinal microcirculation in patients with diabetes mellitus: dynamic and morphological analysis of perifoveal capillary network.. <i>British Journal of Ophthalmology</i> , 1991, 75, 514-518.	2.1	251
194	Haemodilution and oxygen transport capacity. <i>Journal of Neurology</i> , 1990, 237, 126-126.	1.8	2
195	Zur Quantifizierung der retinalen Kapillardurchblutung mit Hilfe des Scanning-Laser-Ophthalmoskops - Retinal Capillary Bloodflow Measurement by Means of a Scanning Laser Ophthalmoscope. <i>Biomedizinische Technik</i> , 1990, 35, 131-134.	0.9	22
196	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> , 1989, 33, 359-367.	1.0	37
197	Video fluorescein angiography: Method and clinical application. <i>Graefe's Archive for Clinical and Experimental Ophthalmology</i> , 1989, 227, 145-151.	1.0	88
198	The role of plasma hyperviscosity in subcortical arteriosclerotic encephalopathy (Binswanger's) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 62	1.8	59

#	ARTICLE	IF	CITATIONS
199	Do different ischemic brain lesions have different hemorheological profiles?. Klinische Wochenschrift, 1986, 64, 357-361.	0.6	18
200	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.	1.0	43
201	Rheologic findings in patients with acute central retinal artery occlusion. Graefe's Archive for Clinical and Experimental Ophthalmology, 1983, 220, 92-95.	1.0	19
202	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.	1.0	13
203	Prediction of the epichlorohydrin derived cytotoxic substances from the eluent of poly(glycerol) Tj ETQq1 1 0.784314 rgBT /Qverlock 10	0.5	0