

Ursula B Windberger

List of Publications by Year in descending order

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56
papers

1,169
citations

777949

13
h-index

445137

33
g-index

59
all docs

59
docs citations

59
times ranked

1682
citing authors

#	ARTICLE	IF	CITATIONS
1	A Bayesian approach to blood rheological uncertainties in aortic hemodynamics. <i>International Journal for Numerical Methods in Biomedical Engineering</i> , 2023, 39, e3576.	1.0	3
2	Capillary size flow of human blood plasma: Revealing hidden elasticity and scale dependence. <i>Journal of Biomedical Materials Research - Part A</i> , 2022, 110, 298-303.	2.1	7
3	Chorion-derived extracellular matrix hydrogel and fibronectin surface coatings show similar beneficial effects on endothelialization of expanded polytetrafluorethylene vascular grafts. <i>Materials Today Bio</i> , 2022, 14, 100262.	2.6	6
4	Laboratory Rat Thrombi Lose One-Third of Their Stiffness When Exposed to Large Oscillating Shear Stress Amplitudes: Contrasting Behavior to Human Clots. <i>International Journal of Translational Medicine</i> , 2022, 2, 332-344.	0.1	2
5	Red Blood Cell Stiffness and Adhesion Are Species-Specific Properties Strongly Affected by Temperature and Medium Changes in Single Cell Force Spectroscopy. <i>Molecules</i> , 2021, 26, 2771.	1.7	11
6	Animal blood in translational research: How to adjust animal blood viscosity to the human standard. <i>Physiological Reports</i> , 2021, 9, e14880.	0.7	9
7	Gingipain R1 and Lipopolysaccharide From <i>Porphyromonas gingivalis</i> Have Major Effects on Blood Clot Morphology and Mechanics. <i>Frontiers in Immunology</i> , 2020, 11, 1551.	2.2	13
8	Blood Clot Phenotyping by Rheometry: Platelets and Fibrinogen Chemistry Affect Stress-Softening and -Stiffening at Large Oscillation Amplitude. <i>Molecules</i> , 2020, 25, 3890.	1.7	4
9	The effect of hematocrit, fibrinogen concentration and temperature on the kinetics of clot formation of whole blood. <i>Clinical Hemorheology and Microcirculation</i> , 2020, 75, 431-445.	0.9	12
10	Storability of porcine blood in forensics: How far should we go?. <i>Forensic Science International</i> , 2020, 311, 110268.	1.3	10
11	Near-Newtonian Blood Behavior – Is It Good to Be a Camel?. <i>Frontiers in Physiology</i> , 2019, 10, 906.	1.3	8
12	High performance functional composites by in-situ orientation of carbon nanofillers. <i>Composite Structures</i> , 2019, 215, 178-184.	3.1	14
13	Blood suspensions in animals. , 2019, , 371-419.		4
14	Effect of different macromolecules on viscous and microrheologic properties of blood at various temperatures. , 2019, , .		0
15	Temperature dependency of whole blood viscosity and red cell properties in desert ungulates: Studies on scimitar-horned oryx and dromedary camel. <i>Clinical Hemorheology and Microcirculation</i> , 2018, 69, 533-543.	0.9	2
16	On the Impact of Flow-Diverters on the Hemodynamics of Human Cerebral Aneurysms. <i>Journal of Applied Mechanics and Technical Physics</i> , 2018, 59, 963-970.	0.1	4
17	The ESCHM – 1st Hemorheology Days – 19 - 21 July 2017 in Puchberg/Schneeberg, Austria. <i>Clinical Hemorheology and Microcirculation</i> , 2018, 69, 491-492.	0.9	0
18	Viscoelasticity and structure of blood clots generated in-vitro by rheometry: A comparison between human, horse, rat, and camel. <i>Clinical Hemorheology and Microcirculation</i> , 2018, 69, 515-531.	0.9	6

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19	Altered membrane rigidity via enhanced endogenous cholesterol synthesis drives cancer cell resistance to destruxins. <i>Oncotarget</i> , 2018, 9, 25661-25680.	0.8	14
20	Measurement of whole blood of different mammalian species in the oscillating shear field: influence of erythrocyte aggregation. <i>Journal of Physics: Conference Series</i> , 2017, 790, 012035.	0.3	5
21	Evaluation of canine red blood cell quality after processing with an automated cell salvage device. <i>Journal of Veterinary Emergency and Critical Care</i> , 2016, 26, 373-383.	0.4	9
22	Very large and giant microsurgical bifurcation aneurysms in rabbits: Proof of feasibility and comparability using computational fluid dynamics and biomechanical testing. <i>Journal of Neuroscience Methods</i> , 2016, 268, 7-13.	1.3	5
23	Towards a basic understanding of the properties of camel blood in response to exercise. <i>Emirates Journal of Food and Agriculture</i> , 2015, 27, 302.	1.0	7
24	Hemorheology in experimental research: is it necessary to consider blood fluidity differences in the laboratory rat?. <i>Laboratory Animals</i> , 2015, 49, 142-152.	0.5	3
25	Anticancer Activity of Methyl-Substituted Oxaliplatin Analogs. <i>Molecular Pharmacology</i> , 2012, 81, 719-728.	1.0	54
26	Comparative ultrastructure of fibrin networks of a dog after thrombotic ischaemic stroke. <i>Onderstepoort Journal of Veterinary Research</i> , 2010, 77, E1-4.	0.6	5
27	Computergestützte Darstellung von in-vivo gemessenen Strömungsprofilen in Gefäßen. <i>Biomedizinische Technik</i> , 2009, , 202-204.	0.9	0
28	Repair of articular cartilage defects treated by microfracture and a three-dimensional collagen matrix. <i>Biomaterials</i> , 2005, 26, 3617-3629.	5.7	193
29	Marrow stimulation and chondrocyte transplantation using a collagen matrix for cartilage repair. <i>Osteoarthritis and Cartilage</i> , 2005, 13, 655-664.	0.6	145
30	Thermoregulation and rheological properties of blood in primary Raynaud's phenomenon and the vibration-induced white-finger syndrome. <i>International Archives of Occupational and Environmental Health</i> , 2005, 78, 218-222.	1.1	14
31	Fetal and juvenile animal hemorheology. <i>Clinical Hemorheology and Microcirculation</i> , 2005, 32, 191-7.	0.9	3
32	The fluidity of blood in African elephants (<i>Loxodonta africana</i>). <i>Clinical Hemorheology and Microcirculation</i> , 2005, 33, 321-6.	0.9	4
33	The effect of varying low-dose protocols on perceived image quality in multidetector CT in a rabbit model of acute appendicitis. <i>European Radiology</i> , 2004, 14, 1465-71.	2.3	25
34	Adventitial response to intravascular brachytherapy in a rabbit model of restenosis. <i>Wiener Klinische Wochenschrift</i> , 2004, 116, 190-195.	1.0	6
35	Hemorheology in spontaneous animal endocrinopathies. <i>Clinical Hemorheology and Microcirculation</i> , 2004, 31, 207-15.	0.9	2
36	Title is missing!. <i>Molecular and Cellular Biochemistry</i> , 2003, 249, 39-43.	1.4	2

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37	Whole Blood Viscosity, Plasma Viscosity and Erythrocyte Aggregation in Nine Mammalian Species: Reference Values and Comparison of Data. <i>Experimental Physiology</i> , 2003, 88, 431-440.	0.9	264
38	Intrathecal Temperature Is Closely Reflected by the Aortic, but Not by the Rectal, Temperature in a Rabbit Model of Spinal Cord Ischemia. <i>Anesthesia and Analgesia</i> , 2003, 97, 244-246.	1.1	1
39	Inhibition of interleukin-1 β convertase is associated with decrease of neointimal hyperplasia after coronary artery stenting in pigs. , 2003, , 39-43.		0
40	Inhibition of interleukin-1beta convertase is associated with decrease of neointimal hyperplasia after coronary artery stenting in pigs. <i>Molecular and Cellular Biochemistry</i> , 2003, 249, 39-43.	1.4	1
41	Usefulness of intravascular ultrasound-guided histological measurements after stenting in porcine coronary artery. <i>Coronary Artery Disease</i> , 2002, 13, 291-294.	0.3	7
42	Morphologic changes in heterotopically transplanted rat heart isografts. <i>Transplantation Proceedings</i> , 2001, 33, 2755-2756.	0.3	1
43	The role of intra-abdominal pressure on splanchnic and pulmonary hemodynamic and metabolic changes during carbon dioxide pneumoperitoneum. <i>Gastrointestinal Endoscopy</i> , 1999, 49, 84-91.	0.5	82
44	Improved laparoscopic operating techniques using a digital enhancement video system. <i>Journal of Minimally Invasive Gynecology</i> , 1998, 5, 175-178.	1.4	2
45	IMPROVEMENT OF CARDIAC OUTPUT AND LIVER BLOOD FLOW AND REDUCTION OF PULMONARY VASCULAR RESISTANCE BY INTRAVENOUS INFUSION OF L-ARGININE DURING THE EARLY REPERFUSION PERIOD IN PIG LIVER TRANSPLANTATION ¹ . <i>Transplantation</i> , 1997, 63, 1225-1233.	0.5	30
46	Coefficient of variation: a powerful Doppler ultrasonographic parameter for detection of renal artery stenosis.. <i>Journal of Ultrasound in Medicine</i> , 1996, 15, 505-512.	0.8	4
47	Compliance mismatch and formation of distal anastomotic intimal hyperplasia in externally stiffened and lumen-adapted venous grafts. <i>European Journal of Vascular and Endovascular Surgery</i> , 1995, 10, 415-423.	0.8	74
48	Hemodynamic effects of prolonged abdominal insufflation for laparoscopic procedures. <i>Gastrointestinal Endoscopy</i> , 1995, 41, 121-129.	0.5	31
49	Hemodynamic Changes during Prolonged Laparoscopic Surgery. <i>European Surgical Research</i> , 1994, 26, 1-9.	0.6	35
50	Dissociation of Hemodynamic and Renal Effects of i.v. $\hat{1}\pm$ -hANF (99-126) in Conscious Calves. <i>Hormone and Metabolic Research</i> , 1993, 25, 259-263.	0.7	0
51	Cardiac Function, Morphology and Chromosomal Aberrations in a Calf with Ectopia Cordis Cervicalis. <i>Transboundary and Emerging Diseases</i> , 1992, 39, 759-768.	0.6	3
52	Diminished Release of Atrial Natriuretic Factor in Calves with a Total Artificial Heart. <i>Artificial Organs</i> , 1992, 16, 392-397.	1.0	2
53	A Method for Constricting Large Veins for Use in Arterial Vascular Reconstruction. <i>Artificial Organs</i> , 1990, 14, 394-398.	1.0	1
54	Sustained Heart Failure Induced by Repeated Microsphere Injections for Left Ventricular Assist Device Testing. <i>ASAIO Transactions</i> , 1989, 35, 455-457.	0.2	7

#	ARTICLE	IF	CITATIONS
55	Processing of Carbon Nanotubes and Carbon Nanofibers towards High Performance Carbon Fiber Reinforced Polymers. Key Engineering Materials, 0, 742, 31-37.	0.4	8
56	Mechanical and Fracture Mechanical Properties of Matrix-Reinforced Carbon Fiber Composites with Carbon Nanotubes. Key Engineering Materials, 0, 809, 615-619.	0.4	1