

Rouven Berndt

List of Publications by Year in descending order

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Version: 2024-02-01

33
papers

215
citations

1039880

9
h-index

1199470

12
g-index

37
all docs

37
docs citations

37
times ranked

288
citing authors

#	ARTICLE	IF	CITATIONS
1	Remote ischemic preconditioning attenuates intestinal mucosal damage: insight from a rat model of ischemiaâ€“reperfusion injury. <i>Journal of Translational Medicine</i> , 2019, 17, 136.	1.8	24
2	Short- and long-term follow-up after minimally invasive direct coronary artery bypass in octogenarians. <i>Interactive Cardiovascular and Thoracic Surgery</i> , 2016, 23, 377-382.	0.5	14
3	Cerebral amyloidoma is characterized by <sc>B</sc>â€“cell clonality and a stable clinical course. <i>Brain Pathology</i> , 2018, 28, 234-239.	2.1	14
4	Transesophageal Echocardiography in Swine: Establishment of a Baseline. <i>Ultrasound in Medicine and Biology</i> , 2017, 43, 974-980.	0.7	12
5	Outcome after Surgery for Acute Aortic Dissection Type A in the Elderly: A Single-Center Experience. <i>Thoracic and Cardiovascular Surgeon</i> , 2015, 63, 113-119.	0.4	11
6	Platelet-released growth factors inhibit proliferation of primary keratinocytes in vitro. <i>Annals of Anatomy</i> , 2018, 215, 1-7.	1.0	11
7	Characterization of the Angiogenic Potential of Human Regulatory Macrophages (Mreg) after Ischemia/Reperfusion Injury In Vitro. <i>Stem Cells International</i> , 2019, 2019, 1-10.	1.2	11
8	Effects of remote ischemic preconditioning (RIPC) and chronic remote ischemic preconditioning (cRIPC) on levels of plasma cytokines, cell surface characteristics of monocytes and in-vitro angiogenesis: a pilot study. <i>Basic Research in Cardiology</i> , 2021, 116, 60.	2.5	11
9	Effectiveness and Safety of Percutaneous Thrombectomy Devices: Comparison of Rotarex and Angiojet in a Physiological Circulation Model. <i>European Journal of Vascular and Endovascular Surgery</i> , 2020, 59, 983-989.	0.8	10
10	Human monocytes subjected to ischaemia/reperfusion inhibit angiogenesis and wound healing in vitro. <i>Cell Proliferation</i> , 2020, 53, e12753.	2.4	10
11	Allogeneic transplantation of programmable cells of monocytic origin (PCMO) improves angiogenesis and tissue recovery in critical limb ischemia (CLI): a translational approach. <i>Stem Cell Research and Therapy</i> , 2018, 9, 117.	2.4	9
12	Vivostat Platelet-Rich FibrinÂ® for Complicated or Chronic Woundsâ€“A Pilot Study. <i>Biomedicines</i> , 2020, 8, 276.	1.4	8
13	Occurrence of Fibrotic Tumor Vessels in Grade I Meningiomas Is Strongly Associated with Vessel Density, Expression of VEGF, PIGF, IGFBP-3 and Tumor Recurrence. <i>Cancers</i> , 2020, 12, 3075.	1.7	7
14	Effects of different ischemic preconditioning strategies on physiological and cellular mechanisms of intestinal ischemia/reperfusion injury: Implication from an isolated perfused rat small intestine model. <i>PLoS ONE</i> , 2021, 16, e0256957.	1.1	7
15	Sex-specific outcome after minimally invasive direct coronary artery bypass for single-vessel disease. <i>Interactive Cardiovascular and Thoracic Surgery</i> , 2020, 30, 380-387.	0.5	6
16	Impact of Gender on Outcome in Octogenarians after Coronary Artery Bypass Grafting. <i>Thoracic and Cardiovascular Surgeon</i> , 2017, 65, 286-291.	0.4	5
17	Development of a new catheter prototype for laser thrombolysis under guidance of optical coherence tomography (OCT): validation of feasibility and efficacy in a preclinical model. <i>Journal of Thrombosis and Thrombolysis</i> , 2017, 43, 352-360.	1.0	5
18	Doxycycline protects human intestinal cells from hypoxia/reoxygenation injury: Implications from an in-vitro hypoxia model. <i>Experimental Cell Research</i> , 2017, 353, 109-114.	1.2	5

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19	Hypoxia directed migration of human na ⁺ ve monocytes is associated with an attenuation of cytokine release: indications for a key role of CCL26. <i>Journal of Translational Medicine</i> , 2020, 18, 404.	1.8	5
20	Impact of patients' age on short and long-term outcome after carotid endarterectomy and simultaneous coronary artery bypass grafting. <i>Journal of Cardiothoracic Surgery</i> , 2019, 14, 109.	0.4	4
21	Feasibility of a circulation model for the assessment of endovascular recanalization procedures and periprocedural thromboembolism in-vitro. <i>Scientific Reports</i> , 2019, 9, 17356.	1.6	4
22	Comparison of Different Resection Tools for Human Calcified Aortic Valves. <i>Innovations: Technology and Techniques in Cardiothoracic and Vascular Surgery</i> , 2014, 9, 312-316.	0.4	3
23	Putative function of goblet cells as epithelial sealing in ischaemia/reperfusion-induced intestinal barrier dysfunction. <i>Gut</i> , 2020, 69, 1888-1890.	6.1	3
24	Is total arch replacement associated with an increased risk after acute type A dissection?. <i>Journal of Thoracic Disease</i> , 2020, 12, 5517-5531.	0.6	3
25	Continuous noninvasive monitoring of arterial pressure using the vascular unloading technique in comparison to the invasive gold standard in elderly comorbid patients: A prospective observational study. <i>Health Science Reports</i> , 2020, 3, e204.	0.6	3
26	Effect of moderate hypothermic circulatory arrest on neurological outcomes in elderly patients undergoing replacement of the thoracic aorta. <i>Egyptian Heart Journal</i> , 2020, 72, 14.	0.4	2
27	Experimental Evaluation of the Effectiveness of Aspiration-Based Techniques to Treat Different Types of Acute Thromboembolic Occlusions in the Femoropopliteal Vascular System Using an In Vitro Flow Model. <i>CardioVascular and Interventional Radiology</i> , 2022, 45, 228-235.	0.9	2
28	Laser scoop desobliteration: a method for minimally invasive remote recanalization of chronically occluded superficial femoral arteries. <i>Journal of Biomedical Optics</i> , 2015, 20, 025005.	1.4	1
29	Strategies to Overcome the Barrier of Ischemic Microenvironment in Cell Therapy of Cardiovascular Disease. <i>International Journal of Molecular Sciences</i> , 2021, 22, 2312.	1.8	1
30	Repair of the descending thoracic aorta using minimally invasive endoscopic Robot-assisted surgery: a feasibility study with the DaVinci XI system in a cadaver model. <i>European Journal of Cardio-thoracic Surgery</i> , 2022, 61, 1440-1442.	0.6	1
31	Influence of moderate hypothermic circulatory arrest on outcome in patients undergoing elective replacement of thoracic aorta. <i>Journal of Thoracic Disease</i> , 2020, 12, 5756-5764.	0.6	1
32	Progressive cervical tumour in an HIV-patient: giant pseudoaneurysm of the carotid artery: a case report. <i>European Heart Journal - Case Reports</i> , 2022, 6, .	0.3	1
33	Transcatheter Mitral Valve Replacement: A Novel Anchor Technology. <i>Thoracic and Cardiovascular Surgeon</i> , 2022, 70, 126-132.	0.4	0