

Bruno C Huber

List of Publications by Year in descending order

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Version: 2024-02-01

45
papers

3,253
citations

331259

21
h-index

253896

43
g-index

47
all docs

47
docs citations

47
times ranked

5394
citing authors

#	ARTICLE	IF	CITATIONS
1	Chemically defined generation of human cardiomyocytes. <i>Nature Methods</i> , 2014, 11, 855-860.	9.0	1,320
2	Synergy between CD26/DPP-IV Inhibition and G-CSF Improves Cardiac Function after Acute Myocardial Infarction. <i>Cell Stem Cell</i> , 2009, 4, 313-323.	5.2	289
3	G-CSF administration after myocardial infarction in mice attenuates late ischemic cardiomyopathy by enhanced arteriogenesis. <i>FASEB Journal</i> , 2006, 20, 956-958.	0.2	150
4	Effect of Human Donor Cell Source on Differentiation and Function of Cardiac Induced Pluripotent Stem Cells. <i>Journal of the American College of Cardiology</i> , 2014, 64, 436-448.	1.2	119
5	Dual stem cell therapy after myocardial infarction acts specifically by enhanced homing via the SDF-1/CXCR4 axis. <i>Stem Cell Research</i> , 2011, 7, 244-255.	0.3	108
6	Microfluidic Single-Cell Analysis Shows That Porcine Induced Pluripotent Stem Cell-Derived Endothelial Cells Improve Myocardial Function by Paracrine Activation. <i>Circulation Research</i> , 2012, 111, 882-893.	2.0	106
7	Genome Editing of Human Embryonic Stem Cells and Induced Pluripotent Stem Cells With Zinc Finger Nucleases for Cellular Imaging. <i>Circulation Research</i> , 2012, 111, 1494-1503.	2.0	99
8	Altered nutrition behavior during COVID-19 pandemic lockdown in young adults. <i>European Journal of Nutrition</i> , 2021, 60, 2593-2602.	1.8	99
9	Erythropoietin administration after myocardial infarction in mice attenuates ischemic cardiomyopathy associated with enhanced homing of bone marrow-derived progenitor cells via the CXCR4/SDF-1 axis. <i>FASEB Journal</i> , 2009, 23, 351-361.	0.2	88
10	Safety and efficacy of SITAglipitin plus GRanulocyte-colony-stimulating factor in patients suffering from Acute Myocardial Infarction (SITAGRAMI-Trial) - Rationale, design and first interim analysis. <i>International Journal of Cardiology</i> , 2010, 145, 282-284.	0.8	85
11	Characterization of the molecular mechanisms underlying increased ischemic damage in the aldehyde dehydrogenase 2 genetic polymorphism using a human induced pluripotent stem cell model system. <i>Science Translational Medicine</i> , 2014, 6, 255ra130.	5.8	84
12	Microfluidic Single-Cell Analysis of Transplanted Human Induced Pluripotent Stem Cell-Derived Cardiomyocytes After Acute Myocardial Infarction. <i>Circulation</i> , 2015, 132, 762-771.	1.6	77
13	Parathyroid hormone treatment after myocardial infarction promotes cardiac repair by enhanced neovascularization and cell survival. <i>Cardiovascular Research</i> , 2008, 77, 722-731.	1.8	70
14	Parathyroid hormone effectively induces mobilization of progenitor cells without depletion of bone marrow. <i>Experimental Hematology</i> , 2008, 36, 1157-1166.	0.2	65
15	Parathyroid hormone is a DPP-IV inhibitor and increases SDF-1-driven homing of CXCR4+ stem cells into the ischaemic heart. <i>Cardiovascular Research</i> , 2011, 90, 529-537.	1.8	63
16	In Vivo Functional and Transcriptional Profiling of Bone Marrow Stem Cells After Transplantation Into Ischemic Myocardium. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2012, 32, 92-102.	1.1	52
17	G-CSF treatment after myocardial infarction: Impact on bone marrow-derived vs cardiac progenitor cells. <i>Experimental Hematology</i> , 2008, 36, 695-702.	0.2	49
18	Costimulation-adhesion blockade is superior to Cyclosporine A and prednisone immunosuppressive therapy for preventing rejection of differentiated human embryonic stem cells following transplantation. <i>Stem Cells</i> , 2013, 31, 2354-2363.	1.4	31

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19	Impact of parathyroid hormone on bone marrow-derived stem cell mobilization and migration. <i>World Journal of Stem Cells</i> , 2014, 6, 637.	1.3	30
20	Altered alcohol consumption during COVID-19 pandemic lockdown. <i>Nutrition Journal</i> , 2021, 20, 44.	1.5	30
21	Comparison of parathyroid hormone and G-CSF treatment after myocardial infarction on perfusion and stem cell homing. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2010, 298, H1466-H1471.	1.5	24
22	Outcome of patients treated with extracorporeal life support in cardiogenic shock complicating acute myocardial infarction: 1-year result from the ECLS-Shock study. <i>Clinical Research in Cardiology</i> , 2021, 110, 1412-1420.	1.5	24
23	Mental health impairment triggered by the COVID-19 pandemic in a sample population of German students. <i>Journal of Investigative Medicine</i> , 2020, 68, 1394-1396.	0.7	24
24	FDG-PET reveals improved cardiac regeneration and attenuated adverse remodelling following Sitagliptin + G-CSF therapy after acute myocardial infarction. <i>European Heart Journal Cardiovascular Imaging</i> , 2016, 17, 136-145.	0.5	20
25	Enhanced stem cell migration mediated by VCAM-1/VLA-4 interaction improves cardiac function in virus-induced dilated cardiomyopathy. <i>Basic Research in Cardiology</i> , 2013, 108, 388.	2.5	18
26	The cardioprotective effects of parathyroid hormone are independent of endogenous granulocyte-colony stimulating factor release. <i>Cardiovascular Research</i> , 2012, 93, 330-339.	1.8	15
27	Lower frequency routine surveillance endomyocardial biopsies after heart transplantation. <i>PLoS ONE</i> , 2017, 12, e0182880.	1.1	14
28	Attenuation of cardiac hypertrophy by G-CSF is associated with enhanced migration of bone marrow-derived cells. <i>Journal of Cellular and Molecular Medicine</i> , 2015, 19, 1033-1041.	1.6	11
29	Out-of-hospital cardiac arrest incidence during COVID-19 pandemic in Southern Germany. <i>Resuscitation</i> , 2020, 157, 121-122.	1.3	11
30	Monitoring of Cardiac Remodeling in a Mouse Model of Pressure-Overload Left Ventricular Hypertrophy with [18F]FDG MicroPET. <i>Molecular Imaging and Biology</i> , 2018, 20, 268-274.	1.3	10
31	Cardiac arrest associated with sildenafil ingestion in a patient with an abnormal origin of the left coronary artery: case report. <i>BMC Cardiovascular Disorders</i> , 2011, 11, 49.	0.7	9
32	Migration of bone marrow-derived cells and improved perfusion after treatment with erythropoietin in a murine model of myocardial infarction. <i>Journal of Cellular and Molecular Medicine</i> , 2012, 16, 152-159.	1.6	9
33	Cardioprotective Potential of Human Endothelial-Colony Forming Cells from Diabetic and Nondiabetic Donors. <i>Cells</i> , 2020, 9, 588.	1.8	8
34	The Role of 1.5 Tesla MRI and Anesthetic Regimen Concerning Cardiac Analysis in Mice with Cardiomyopathy. <i>PLoS ONE</i> , 2014, 9, e94615.	1.1	8
35	Feasibility and accuracy of SPECT myocardial perfusion imaging in end-stage lung disease. <i>Journal of Nuclear Cardiology</i> , 2020, 27, 903-911.	1.4	6
36	Molecular imaging of cardiac CXCR4 expression in a mouse model of acute myocardial infarction using a novel ⁶⁸ Ga-mCXCL12 PET tracer. <i>Journal of Nuclear Cardiology</i> , 2021, 28, 2965-2975.	1.4	6

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37	Health promoting behaviour of medical versus non-medical students during COVID-19 pandemic: results from the COLA cross-sectional study. <i>Journal of Translational Medicine</i> , 2021, 19, 242.	1.8	6
38	FIFA World Cup 2018. <i>European Heart Journal</i> , 2018, 39, 4139-4142.	1.0	4
39	Deceleration Capacity and Periodic Repolarization Dynamics As Predictors of Acute Mountain Sickness. <i>High Altitude Medicine and Biology</i> , 2020, 21, 417-422.	0.5	4
40	Comparison of metabolic and functional parameters using cardiac 18F-FDG-PET in early to mid-adulthood male and female mice. <i>EJNMMI Research</i> , 2021, 11, 7.	1.1	3
41	Increased numbers of bone marrow-derived cells in parathyroid adenoma. <i>European Journal of Clinical Investigation</i> , 2014, 44, 833-839.	1.7	2
42	Acute coronary syndrome-related hospital admissions during and after lockdown in Southern Germany. <i>European Journal of Internal Medicine</i> , 2021, 87, 112-114.	1.0	2
43	Blocking LFA-1 Aggravates Cardiac Inflammation in Experimental Autoimmune Myocarditis. <i>Cells</i> , 2019, 8, 1267.	1.8	1
44	Isolation and expansion of cytokeratin positive progenitor cells from adult murine pancreatic ducts expressing Pdx-1, Nestin, Sox9, MafA and hepatic nuclear factors. <i>Minerva Endocrinology</i> , 2017, 42, 30-40.	0.6	0
45	Type of sport activities during COVID-19 crisis among Bavarian students. <i>Journal of Sports Medicine and Physical Fitness</i> , 2020, 60, 1508-1510.	0.4	0