

Manfred Boehm

List of Publications by Year in descending order

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Version: 2024-02-01

44
papers

3,815
citations

331670

21
h-index

254184

43
g-index

44
all docs

44
docs citations

44
times ranked

6337
citing authors

#	ARTICLE	IF	CITATIONS
1	Medial vascular calcification revisited: review and perspectives. <i>European Heart Journal</i> , 2014, 35, 1515-1525.	2.2	567
2	Human blood vessel organoids as a model of diabetic vasculopathy. <i>Nature</i> , 2019, 565, 505-510.	27.8	500
3	Endothelial to mesenchymal transition is common in atherosclerotic lesions and is associated with plaque instability. <i>Nature Communications</i> , 2016, 7, 11853.	12.8	406
4	<i>NT5E</i> Mutations and Arterial Calcifications. <i>New England Journal of Medicine</i> , 2011, 364, 432-442.	27.0	403
5	Epithelial-to-Mesenchymal and Endothelial-to-Mesenchymal Transition. <i>Circulation</i> , 2012, 125, 1795-1808.	1.6	348
6	TGF- β 2 Signaling Mediates Endothelial-to-Mesenchymal Transition (EndMT) During Vein Graft Remodeling. <i>Science Translational Medicine</i> , 2014, 6, 227ra34.	12.4	321
7	Mutations that prevent caspase cleavage of RIPK1 cause autoinflammatory disease. <i>Nature</i> , 2020, 577, 103-108.	27.8	198
8	4D physiologically adaptable cardiac patch: A 4-month in vivo study for the treatment of myocardial infarction. <i>Science Advances</i> , 2020, 6, eabb5067.	10.3	118
9	Flavivirus Antagonism of Type I Interferon Signaling Reveals Prolidase as a Regulator of IFNAR1 Surface Expression. <i>Cell Host and Microbe</i> , 2015, 18, 61-74.	11.0	115
10	Stat3-dependent acute Rantes production in vascular smooth muscle cells modulates inflammation following arterial injury in mice. <i>Journal of Clinical Investigation</i> , 2010, 120, 303-314.	8.2	85
11	4D Printed Cardiac Construct with Aligned Myofibers and Adjustable Curvature for Myocardial Regeneration. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 12746-12758.	8.0	82
12	Resident vascular progenitor cells: An emerging role for non-terminally differentiated vessel-resident cells in vascular biology. <i>Stem Cell Research</i> , 2009, 2, 2-15.	0.7	74
13	Increased activity of TNAP compensates for reduced adenosine production and promotes ectopic calcification in the genetic disease ACDC. <i>Science Signaling</i> , 2016, 9, ra121.	3.6	65
14	Diminution of signal transducer and activator of transcription 3 signaling inhibits vascular permeability and anaphylaxis. <i>Journal of Allergy and Clinical Immunology</i> , 2016, 138, 187-199.	2.9	56
15	Bone marrow-derived immune cells regulate vascular disease through a p27Kip1-dependent mechanism. <i>Journal of Clinical Investigation</i> , 2004, 114, 419-426.	8.2	53
16	p21Cip1 modulates arterial wound repair through the stromal cell-derived factor-1/CXCR4 axis in mice. <i>Journal of Clinical Investigation</i> , 2008, 118, 2050-61.	8.2	49
17	VEGFR1/CXCR4-positive progenitor cells modulate local inflammation and augment tissue perfusion by a SDF-1-dependent mechanism. <i>Journal of Molecular Medicine</i> , 2008, 86, 1221-1232.	3.9	39
18	Histone deacetylase 9 promotes endothelial-mesenchymal transition and an unfavorable atherosclerotic plaque phenotype. <i>Journal of Clinical Investigation</i> , 2021, 131, .	8.2	36

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19	Self-renewal and cell lineage differentiation strategies in human embryonic stem cells and induced pluripotent stem cells. <i>Expert Opinion on Biological Therapy</i> , 2014, 14, 1333-1344.	3.1	29
20	Rhesus iPSC Safe Harbor Gene-Editing Platform for Stable Expression of Transgenes in Differentiated Cells of All Germ Layers. <i>Molecular Therapy</i> , 2017, 25, 44-53.	8.2	26
21	Suboptimal hydration remodels metabolism, promotes degenerative diseases, and shortens life. <i>JCI Insight</i> , 2019, 4, .	5.0	25
22	Attenuation of Myeloid-Specific TGF β ² Signaling Induces Inflammatory Cerebrovascular Disease and Stroke. <i>Circulation Research</i> , 2017, 121, 1360-1369.	4.5	23
23	Robust generation of erythroid and multilineage hematopoietic progenitors from human iPSCs using a scalable monolayer culture system. <i>Stem Cell Research</i> , 2019, 41, 101600.	0.7	23
24	Bone marrow-derived immune cells regulate vascular disease through a p27Kip1-dependent mechanism. <i>Journal of Clinical Investigation</i> , 2004, 114, 419-426.	8.2	23
25	Major Histocompatibility Complex-I Expression on Embryonic Stem Cell-Derived Vascular Progenitor Cells Is Critical for Syngeneic Transplant Survival. <i>Stem Cells</i> , 2010, 28, 1465-1475.	3.2	21
26	Efficient differentiation of cardiomyocytes and generation of calcium-sensor reporter lines from nonhuman primate iPSCs. <i>Scientific Reports</i> , 2018, 8, 5907.	3.3	21
27	Middle age serum sodium levels in the upper part of normal range and risk of heart failure. <i>European Heart Journal</i> , 2022, 43, 3335-3348.	2.2	19
28	New vessel formation in the context of cardiomyocyte regeneration – the role and importance of an adequate perfusing vasculature. <i>Stem Cell Research</i> , 2014, 13, 666-682.	0.7	13
29	Impaired angiogenesis and extracellular matrix metabolism in autosomal-dominant hyper-IgE syndrome. <i>Journal of Clinical Investigation</i> , 2020, 130, 4167-4181.	8.2	13
30	Stem Cell-Derived Endothelial Cell Model that Responds to Tobacco Smoke Like Primary Endothelial Cells. <i>Chemical Research in Toxicology</i> , 2020, 33, 751-763.	3.3	12
31	CRISPR/Cas9-mediated introduction of the sodium/iodide symporter gene enables noninvasive <i>in vivo</i> tracking of induced pluripotent stem cell-derived cardiomyocytes. <i>Stem Cells Translational Medicine</i> , 2020, 9, 1203-1217.	3.3	10
32	Diffuse atrophic papules and plaques, intermittent abdominal pain, paresthesias, and cardiac abnormalities in a 55-year-old woman. <i>Journal of the American Academy of Dermatology</i> , 2016, 75, 1274-1277.	1.2	9
33	Generation of human induced pluripotent stem cells from individuals with a homozygous CCR5 ^{Δ32} mutation. <i>Stem Cell Research</i> , 2019, 38, 101481.	0.7	6
34	Generation of human induced pluripotent stem cell lines (NIHTVBi011-A, NIHTVBi012-A, NIHTVBi013-A) from autosomal dominant Hyper IgE syndrome (AD-HIES) patients carrying STAT3 mutation. <i>Stem Cell Research</i> , 2019, 41, 101586.	0.7	5
35	Human induced pluripotent stem cells generated from a patient with a homozygous L272P mutation in the OTULIN gene (NIHTVBi014-A). <i>Stem Cell Research</i> , 2020, 47, 101921.	0.7	4
36	Perspectives on Cognitive Phenotypes and Models of Vascular Disease. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2022, , 101161ATVBAHA122317395.	2.4	4

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37	STAT3 modulates reprogramming efficiency of human somatic cells; Insights from autosomal dominant Hyper IgE syndrome caused by STAT3 mutations. <i>Biology Open</i> , 2020, 9, .	1.2	3
38	Development of vascular disease models to explore disease causation and pathomechanisms of rare vascular diseases. <i>Seminars in Immunopathology</i> , 2022, 44, 259-268.	6.1	3
39	Cardiomyocyte maturation: It takes a village to raise a kid. <i>Journal of Molecular and Cellular Cardiology</i> , 2014, 74, 193-195.	1.9	2
40	Diagnosis and discovery: Insights from the <scp>NIH</scp> Undiagnosed Diseases Program. <i>Journal of Inherited Metabolic Disease</i> , 2022, 45, 907-918.	3.6	2
41	Abnormal molecular response to Takayasu arteritis causing extensive large-vessel calcification. <i>Journal of Vascular Surgery Cases and Innovative Techniques</i> , 2016, 2, 190-192.	0.6	1
42	Generation of human induced pluripotent stem cells (NIHTVBi004-A, NIHTVBi005-A, NIHTVBi006-A,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5 45, 101821.	0.7	1
43	Cell-Based Regenerative Therapies: Role of Major Histocompatibility Complex-1 Antigen. , 2012, , 173-178.		1
44	Human induced pluripotent stem cells generated from Chronic atypical neutrophilic dermatosis with lipodystrophy and elevated temperature (CANDLE) syndrome patients with a homozygous mutation in the PSMB8 gene (NIHTVBi016-A, NIHTVBi017-A, NIHTVBi018-A). <i>Stem Cell Research</i> , 2022, 62, 102820.	0.7	1