

Maarten M Brandt

List of Publications by Year in descending order

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Version: 2024-02-01

19
papers

581
citations

567281

15
h-index

794594

19
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19
all docs

19
docs citations

19
times ranked

1119
citing authors

#	ARTICLE	IF	CITATIONS
1	Distinct Endothelial Cell Responses in the Heart and Kidney Microvasculature Characterize the Progression of Heart Failure With Preserved Ejection Fraction in the Obese ZSF1 Rat With Cardiorenal Metabolic Syndrome. <i>Circulation: Heart Failure</i> , 2016, 9, e002760.	3.9	62
2	CMTM4 regulates angiogenesis by promoting cell surface recycling of VE-cadherin to endothelial adherens junctions. <i>Angiogenesis</i> , 2019, 22, 75-93.	7.2	61
3	MicroRNA-132/212 family enhances arteriogenesis after hindlimb ischaemia through modulation of the Ras-MAPK pathway. <i>Journal of Cellular and Molecular Medicine</i> , 2015, 19, 1994-2005.	3.6	56
4	A new microfluidic model that allows monitoring of complex vascular structures and cell interactions in a 3D biological matrix. <i>Lab on A Chip</i> , 2020, 20, 1827-1844.	6.0	50
5	Activation of CECR1 in M2-like TAMs promotes paracrine stimulation-mediated glial tumor progression. <i>Neuro-Oncology</i> , 2017, 19, now251.	1.2	44
6	Folic acid reduces doxorubicin-induced cardiomyopathy by modulating endothelial nitric oxide synthase. <i>Journal of Cellular and Molecular Medicine</i> , 2017, 21, 3277-3287.	3.6	39
7	CXCL4 drives fibrosis by promoting several key cellular and molecular processes. <i>Cell Reports</i> , 2022, 38, 110189.	6.4	31
8	THSD1 preserves vascular integrity and protects against intraplaque haemorrhaging in ApoE ^{-/-} mice. <i>Cardiovascular Research</i> , 2016, 110, 129-139.	3.8	30
9	CMTM3 (CKLF-Like Marvel Transmembrane Domain 3) Mediates Angiogenesis by Regulating Cell Surface Availability of VE-Cadherin in Endothelial Adherens Junctions. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2017, 37, 1098-1114.	2.4	30
10	Cgnl1, an endothelial junction complex protein, regulates GTPase mediated angiogenesis. <i>Cardiovascular Research</i> , 2017, 113, 1776-1788.	3.8	26
11	Both male and female obese ZSF1 rats develop cardiac dysfunction in obesity-induced heart failure with preserved ejection fraction. <i>PLoS ONE</i> , 2020, 15, e0232399.	2.5	26
12	Transcriptome analysis reveals microvascular endothelial cell-dependent pericyte differentiation. <i>Scientific Reports</i> , 2019, 9, 15586.	3.3	22
13	Chromatin Conformation Links Distal Target Genes to CKD Loci. <i>Journal of the American Society of Nephrology: JASN</i> , 2018, 29, 462-476.	6.1	21
14	Limited synergy of obesity and hypertension, prevalent risk factors in onset and progression of heart failure with preserved ejection fraction. <i>Journal of Cellular and Molecular Medicine</i> , 2019, 23, 6666-6678.	3.6	19
15	Matrix Metalloproteinases and Tissue Inhibitors of Metalloproteinases in Extracellular Matrix Remodeling during Left Ventricular Diastolic Dysfunction and Heart Failure with Preserved Ejection Fraction: A Systematic Review and Meta-Analysis. <i>International Journal of Molecular Sciences</i> , 2020, 21, 6742.	4.1	19
16	Mechanobiology of Microvascular Function and Structure in Health and Disease: Focus on the Coronary Circulation. <i>Frontiers in Physiology</i> , 2021, 12, 771960.	2.8	16
17	Endothelial loss of Fzd5 stimulates PKC/Ets1-mediated transcription of Angpt2 and Flt1. <i>Angiogenesis</i> , 2018, 21, 805-821.	7.2	12
18	Control of Angiogenesis via a VHL/miR-212/132 Axis. <i>Cells</i> , 2020, 9, 1017.	4.1	12

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19	Three-dimensional tubule formation assay as therapeutic screening model for ocular microvascular disorders. <i>Eye</i> , 2018, 32, 1380-1386.	2.1	5