Daniela Wenzel

List of Publications by Year
in descending order

63	3,877	230014	156644
papers	citations	27 h-index	58 g-index

65	65	65	10027
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	A PI3KÎ³ mimetic peptide triggers CFTR gating, bronchodilation, and reduced inflammation in obstructive airway diseases. Science Translational Medicine, 2022, 14, eabl6328.	5.8	6
2	Macrocyclic Gq Protein Inhibitors FR900359 and/or YM-254890â€“Fit for Translation?. ACS Pharmacology and Translational Science, 2021, 4, 888-897.	2.5	17
3	Inhibition of Vascular Growth by Modulation of the Anandamide/Fatty Acid Amide Hydrolase Axis. Arteriosclerosis, Thrombosis, and Vascular Biology, 2021, 41, 2974-2989.	1.1	6
4	A tissueâ€specific screen of ceramide expression in aged mice identifies ceramide synthaseâ€1 and ceramide synthaseâ€5 as potential regulators of fiber size and strength in skeletal muscle. Aging Cell, 2020, 19, e13049.	3.0	18
5	Cellâ€permeable highâ€affinity tracers for G_q proteins provide structural insights, reveal distinct binding kinetics and identify small molecule inhibitors. British Journal of Pharmacology, 2020, 177, 1898-1916.	2.7	21
6	Sensitive LC-MS/MS Method for the Quantification of Macrocyclic GÎ±q Protein Inhibitors in Biological Samples. Frontiers in Chemistry, 2020, 8, 833.	1.8	4
7	Heterotrimeric G Protein Subunit GÎ±q Is a Master Switch for GÎ²Î³-Mediated Calcium Mobilization by Gi-Coupled GPCRs. Molecular Cell, 2020, 80, 940-954.e6.	4.5	54
8	Adenosine/A2B Receptor Signaling Ameliorates the Effects of Aging and Counteracts Obesity. Cell Metabolism, 2020, 32, 56-70.e7.	7.2	77
9	Local anti-angiogenic therapy by magnet-assisted downregulation of SHP2 phosphatase. Journal of Controlled Release, 2019, 305, 155-164.	4.8	9
10	InÂVivo Labeling by CD73 Marks Multipotent Stromal Cells and Highlights Endothelial Heterogeneity in the Bone Marrow Niche. Cell Stem Cell, 2018, 22, 262-276.e7.	5.2	47
11	Visualization of endothelial cell cycle dynamics in mouse using the Flt-1/eGFP-anillin system. Angiogenesis, 2018, 21, 349-361.	3.7	29
12	The Î² ₂ agonist terbutaline specifically decreases pulmonary arterial pressure under normoxia and hypoxia via a adrenoceptor antagonism. FASEB Journal, 2018, 32, 2519-2530.	0.2	3
13	Heterologous Expression, Biosynthetic Studies, and Ecological Function of the Selective Gqâ€Signaling Inhibitor FR900359. Angewandte Chemie - International Edition, 2018, 57, 836-840.	7.2	57
14	Heterologe Expression, Biosynthese und Ã¶kologische Funktion des selektiven Gqâ€Signaltransduktionsinhibitors FR900359. Angewandte Chemie, 2018, 130, 844-849.	1.6	5
15	Improved heart repair upon myocardial infarction: Combination of magnetic nanoparticles and tailored magnets strongly increases engraftment of myocytes. Biomaterials, 2018, 155, 176-190.	5.7	45
16	CB2-deficiency is associated with a stronger hypertrophy and remodeling of the right ventricle in a murine model of left pulmonary artery occlusion. Life Sciences, 2018, 215, 96-105.	2.0	9
17	PECAM/eGFP transgenic mice for monitoring of angiogenesis in health and disease. Scientific Reports, 2018, 8, 17582.	1.6	5
18	Pathobiology, pathology and genetics of pulmonary hypertension: Update from the Cologne Consensus Conference 2018. International Journal of Cardiology, 2018, 272, 4-10.	0.8	26

#	Article	IF	Citations
19	Intercellular transfer of miR-126-3p by endothelial microparticles reduces vascular smooth muscle cell proliferation and limits neointima formation by inhibiting LRP6. Journal of Molecular and Cellular Cardiology, 2017, 104, 43-52.	0.9	104
20	Engineered Context-Sensitive Agonism: Tissue-Selective Drug Signaling through a G Protein-Coupled Receptor. Journal of Pharmacology and Experimental Therapeutics, 2017, 360, 289-299.	1.3	4
21	RIG-I Resists Hypoxia-Induced Immunosuppression and Dedifferentiation. Cancer Immunology Research, 2017, 5, 455-467.	1.6	29
22	Targeted inhibition of G _q signaling induces airway relaxation in mouse models of asthma. Science Translational Medicine, 2017, 9, .	5.8	50
23	The cochaperone BAG3 coordinates protein synthesis and autophagy under mechanical strain through spatial regulation of mTORC1. Biochimica Et Biophysica Acta - Molecular Cell Research, 2017, 1864, 62-75.	1.9	49
24	Targeting of Magnetic Nanoparticle-coated Microbubbles to the Vascular Wall Empowers Site-specific Lentiviral Gene Delivery in vivo. Theranostics, 2017, 7, 295-307.	4.6	20
25	Magnetic nanoparticles: novel options for vascular repair?. Nanomedicine, 2016, 11, 869-872.	1.7	5
26	Thiazine Red+ platelet inclusions in Cerebral Blood Vessels are first signs in an Alzheimerâ€™s Disease mouse model. Scientific Reports, 2016, 6, 28447.	1.6	22
27	Improvement of vascular function by magnetic nanoparticle-assisted circumferential gene transfer into the native endothelium. Journal of Controlled Release, 2016, 241, 164-173.	4.8	29
28	Vascular Repair by Circumferential Cell Therapy Using Magnetic Nanoparticles and Tailored Magnets. ACS Nano, 2016, 10, 369-376.	7.3	45
29	Intermittent Hypoxia Impairs Endothelial Function in Early Preatherosclerosis. Advances in Experimental Medicine and Biology, 2015, 858, 1-7.	0.8	30
30	The experimental power of FR900359 to study Gq-regulated biological processes. Nature Communications, 2015, 6, 10156.	5.8	282
31	The toxic effect of R350P mutant desmin in striated muscle of man and mouse. Acta Neuropathologica, 2015, 129, 297-315.	3.9	66
32	RGD peptides induce relaxation of pulmonary arteries and airwaysviaÎ²3â€integrins. FASEB Journal, 2014, 28, 2281-2292.	0.2	12
33	Ultraviolet-radiation-induced inflammation promotes angiotropism and metastasis in melanoma. Nature, 2014, 507, 109-113.	13.7	547
34	Hypoxia-induced endothelial dysfunction in apolipoprotein E-deficient mice; effects of infliximab and l-glutathione. Atherosclerosis, 2014, 236, 400-410.	0.4	38
35	A Cell-Permeable Inhibitor to Trap GÎ±q Proteins in the Empty Pocket Conformation. Chemistry and Biology, 2014, 21, 890-902.	6.2	47
36	The endocannabinoid-CB2 receptor axis protects the ischemic heart at the early stage of cardiomyopathy. Basic Research in Cardiology, 2014, 109, 425.	2.5	59

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37	Endothelial Microparticleâ€“Mediated Transfer of MicroRNA-126 Promotes Vascular Endothelial Cell Repair via SPRED1 and Is Abrogated in Glucose-Damaged Endothelial Microparticles. Circulation, 2013, 128, 2026-2038.	1.6	391
38	Optogenetic Control of Vascular Tone with High Temporal Resolution. Biophysical Journal, 2013, 104, 678a.	0.2	0
39	Transduction of Murine Embryonic Stem Cells by Magnetic Nanoparticle-Assisted Lentiviral Gene Transfer. Methods in Molecular Biology, 2013, 1058, 89-96.	0.4	3
40	Endocannabinoid anandamide mediates hypoxic pulmonary vasoconstriction. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 18710-18715.	3.3	50
41	Identification of a Novel Vasoconstrictor Peptide Specific for the Systemic Circulation. Hypertension, 2012, 59, 1256-1262.	1.3	8
42	Analysis of Trajectories for Targeting of Magnetic Nanoparticles in Blood Vessels. Molecular Pharmaceutics, 2012, 9, 2029-2038.	2.3	24
43	Identification of Magnetic Nanoparticles for Combined Positioning and Lentiviral Transduction of Endothelial Cells. Pharmaceutical Research, 2012, 29, 1242-1254.	1.7	24
44	Optimization of Magnetic Nanoparticle-Assisted Lentiviral Gene Transfer. Pharmaceutical Research, 2012, 29, 1255-1269.	1.7	22
45	Live monitoring of small vessels during development and disease using the flt-1 promoter element. Basic Research in Cardiology, 2012, 107, 257.	2.5	8
46	Prostaglandins of the E series inhibit monoamine release via EP3 receptors: proof with the competitive EP3 receptor antagonist L-826,266. Naunyn-Schmiedeberg's Archives of Pharmacology, 2010, 381, 21-31.	1.4	22
47	Chaperone-Assisted Selective Autophagy Is Essential for Muscle Maintenance. Current Biology, 2010, 20, 143-148.	1.8	513
48	Endothelial Î²1 integrins regulate sprouting and network formation during vascular development. Development (Cambridge), 2010, 137, 993-1002.	1.2	40
49	Endothelial Î²1 integrins regulate sprouting and network formation during vascular development. Journal of Cell Science, 2010, 123, e1-e1.	1.2	0
50	Endothelial beta1 integrins regulate sprouting and network formation during vascular development. FASEB Journal, 2010, 24, 599.2.	0.2	1
51	Î²₂-Adrenoceptor Antagonist ICI 118,551 Decreases Pulmonary Vascular Tone in Mice via a G_{i/o}Protein/Nitric Oxide-Coupled Pathway. Hypertension, 2009, 54, 157-163.	1.3	27
52	Combined targeting of lentiviral vectors and positioning of transduced cells by magnetic nanoparticles. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, 44-49.	3.3	110
53	Association with the Auxiliary Subunit PEX5R/Trip8b Controls Responsiveness of HCN Channels to cAMP and Adrenergic Stimulation. Neuron, 2009, 62, 814-825.	3.8	119
54	Endostatin influences endothelial morphology via the activated ERK1/2-kinase endothelial morphology and signal transduction. Microvascular Research, 2006, 71, 152-162.	1.1	20

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55	Pacemaking by HCN Channels Requires Interaction with Phosphoinositides. Neuron, 2006, 52, 1027-1036.	3.8	139
56	Endostatin, the Proteolytic Fragment of Collagen XVIII, Induces Vasorelaxation. Circulation Research, 2006, 98, 1203-1211.	2.0	60
57	Engraftment of engineered ES cellâ€“derived cardiomyocytes but not BM cells restores contractile function to the infarcted myocardium. Journal of Experimental Medicine, 2006, 203, 2315-2327.	4.2	325
58	Engraftment of engineered ES cellâ€“derived cardiomyocytes but not BM cells restores contractile function to the infarcted myocardium. Journal of Cell Biology, 2006, 174, i13-i13.	2.3	0
59	Endostatin Down-Regulates Soluble Guanylate Cyclase (sGC) in Endothelial Cells In Vivo: Influence of Endostatin on Vascular Endothelial Growth Factor (VEGF) Signaling. Endothelium: Journal of Endothelial Cell Research, 2005, 12, 251-257.	1.7	17
60	Implication of therapeutic cloning for organ transplantation. European Journal of Cardio-Thoracic Surgery Supplements, 2004, 26, S54-S56.	0.2	0
61	Influence of endostatin on embryonic vasculo- and angiogenesis. Developmental Dynamics, 2004, 230, 468-480.	0.8	43
62	Differential Role of bFGF and VEGF for Vasculogenesis. Cellular Physiology and Biochemistry, 2002, 12, 55-62.	1.1	34
63	Heterotrimeric G Protein Subunit GÎ±q is a Master Switch for GÎ²Î³-Mediated Calcium Mobilization by Gi-Coupled GPCRs. SSRN Electronic Journal, 0, , .	0.4	1