

Martin Hermann

List of Publications by Year in descending order

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41
papers

1,001
citations

471509

17
h-index

454955

30
g-index

43
all docs

43
docs citations

43
times ranked

2177
citing authors

#	ARTICLE	IF	CITATIONS
1	Mitochondrial ROS production under cellular stress: comparison of different detection methods. <i>Analytical and Bioanalytical Chemistry</i> , 2011, 400, 2383-2390.	3.7	150
2	The <i>TMEM189</i> gene encodes plasmalogen desaturase which introduces the characteristic vinyl ether double bond into plasmalogens. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 7792-7798.	7.1	79
3	miR-19a-3p containing exosomes improve function of ischaemic myocardium upon shock wave therapy. <i>Cardiovascular Research</i> , 2020, 116, 1226-1236.	3.8	71
4	A Specific, Glycomimetic Langerin Ligand for Human Langerhans Cell Targeting. <i>ACS Central Science</i> , 2019, 5, 808-820.	11.3	64
5	ROS signaling by NADPH oxidase 5 modulates the proliferation and survival of prostate carcinoma cells. <i>Molecular Carcinogenesis</i> , 2016, 55, 27-39.	2.7	61
6	A Class 1 Histone Deacetylase with Potential as an Antifungal Target. <i>MBio</i> , 2016, 7, .	4.1	51
7	LVB-Induced Senescence of Human Dermal Fibroblasts Involves Impairment of Proteasome and Enhanced Autophagic Activity. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2017, 72, glw150.	3.6	39
8	The monothiol glutaredoxin GrxD is essential for sensing iron starvation in <i>Aspergillus fumigatus</i> . <i>PLoS Genetics</i> , 2019, 15, e1008379.	3.5	36
9	The Siderophore Transporter Sit1 Determines Susceptibility to the Antifungal VL-2397. <i>Antimicrobial Agents and Chemotherapy</i> , 2019, 63, .	3.2	34
10	cJun N-terminal kinase (JNK) phosphorylation of serine 36 is critical for p66Shc activation. <i>Scientific Reports</i> , 2016, 6, 20930.	3.3	31
11	3D bioprinted, vascularized neuroblastoma tumor environment in fluidic chip devices for precision medicine drug testing. <i>Biofabrication</i> , 2022, 14, 035002.	7.1	28
12	Langerhans cells and NK cells cooperate in the inhibition of chemical skin carcinogenesis. <i>Oncology</i> , 2017, 6, e1260215.	4.6	26
13	Hypothermia-Associated Coagulopathy: A Comparison of Viscoelastic Monitoring, Platelet Function, and Real Time Live Confocal Microscopy at Low Blood Temperatures, an in vitro Experimental Study. <i>Frontiers in Physiology</i> , 2020, 11, 843.	2.8	25
14	The sigma-1 receptor agonist 4-phenyl-1-(4-phenylbutyl) piperidine (PPBP) protects against newborn excitotoxic brain injury by stabilizing the mitochondrial membrane potential in vitro and inhibiting microglial activation in vivo. <i>Experimental Neurology</i> , 2014, 261, 501-509.	4.1	21
15	Novel Insights into the PKC β -dependent Regulation of the Oxidoreductase p66Shc. <i>Journal of Biological Chemistry</i> , 2016, 291, 23557-23568.	3.4	21
16	Olaparib is effective in combination with, and as maintenance therapy after, first-line endocrine therapy in prostate cancer cells. <i>Molecular Oncology</i> , 2018, 12, 561-576.	4.6	21
17	Epidermal Overexpression of Xenobiotic Receptor PXR Impairs the Epidermal Barrier and Triggers Th2 Immune Response. <i>Journal of Investigative Dermatology</i> , 2018, 138, 109-120.	0.7	21
18	In vivo imaging of emerging endocrine cells reveals a requirement for PI3K-regulated motility in pancreatic islet morphogenesis. <i>Development (Cambridge)</i> , 2018, 145, .	2.5	20

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19	Peptides from allergenic lipocalins bind to formyl peptide receptor 3 in human dendritic cells to mediate TH2 immunity. <i>Journal of Allergy and Clinical Immunology</i> , 2020, 145, 654-665.	2.9	19
20	Impact of D181V and A69T on the function of ferroportin as an iron export pump and hepcidin receptor. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2014, 1842, 1406-1412.	3.8	18
21	<i>Candida</i>: Platelet Interaction and Platelet Activity in vitro. <i>Journal of Innate Immunity</i> , 2019, 11, 52-62.	3.8	17
22	Peroxisomal Fatty Acid Oxidation and Glycolysis Are Triggered in Mouse Models of Lesional Atopic Dermatitis. <i>JID Innovations</i> , 2021, 1, 100033.	2.4	16
23	The Aplidin analogs PM01215 and PM02781 inhibit angiogenesis in vitro and in vivo. <i>BMC Cancer</i> , 2015, 15, 738.	2.6	14
24	Turning the World Upside-Down in Cellulose for Improved Culturing and Imaging of Respiratory Challenges within a Human 3D Model. <i>Cells</i> , 2019, 8, 1292.	4.1	14
25	Mitochondrial Activity Is Upregulated in Nonlesional Atopic Dermatitis and Amenable to Therapeutic Intervention. <i>Journal of Investigative Dermatology</i> , 2022, 142, 2623-2634.e12.	0.7	11
26	Postprandial lipemia induces pancreatic Î± cell dysfunction characteristic of type 2 diabetes: studies in healthy subjects, mouse pancreatic islets, and cultured pancreatic Î± cells. <i>American Journal of Clinical Nutrition</i> , 2014, 100, 1222-1231.	4.7	10
27	Biallelic variants in AGMO with diminished enzyme activity are associated with a neurodevelopmental disorder. <i>Human Genetics</i> , 2019, 138, 1259-1266.	3.8	10
28	Contradictory effects of chemical filters in UV/ROS-stressed human keratinocyte and fibroblast cells. <i>ALTEX: Alternatives To Animal Experimentation</i> , 2019, 36, 231-244.	1.5	10
29	Site-specific phar-maco-laser therapy: A novel treatment modality for refractory port wine stains. <i>Journal of Clinical and Translational Research</i> , 2019, 5, 1-24.	0.3	10
30	Live Confocal Imaging as a Novel Tool to Assess Liver Quality: Insights From a Murine Model. <i>Transplantation</i> , 2020, 104, 2528-2537.	1.0	9
31	Effect of Tranexamic Acid on Coagulation and Fibrin Clot Properties in Children Undergoing Craniofacial Surgery. <i>Thrombosis and Haemostasis</i> , 2020, 120, 392-399.	3.4	9
32	Human Islet Autotransplantation: The Trail Thus Far and the Highway Ahead. <i>Advances in Experimental Medicine and Biology</i> , 2010, 654, 711-724.	1.6	6
33	Crucial Role for Neuronal Nitric Oxide Synthase in Early Microcirculatory Derangement and Recipient Survival following Murine Pancreas Transplantation. <i>PLoS ONE</i> , 2014, 9, e112570.	2.5	6
34	Oxidant therapy improves adipogenic differentiation of adipose-derived stem cells in human wound healing. <i>Stem Cell Research and Therapy</i> , 2021, 12, 280.	5.5	6
35	Live Confocal Tissue Assessment With SYTO16/PI and WGA Staining Visualizes Acute Organ Damage and Predicts Delayed Graft Function in Kidney Transplantation. <i>Annals of Surgery</i> , 2019, 270, 915-922.	4.2	5
36	Microbicidal activity of N-chlorotaurine can be enhanced in the presence of lung epithelial cells. <i>Journal of Cystic Fibrosis</i> , 2020, 19, 1011-1017.	0.7	3

#	ARTICLE	IF	CITATIONS
37	Defining a therapeutic range for regeneration of ischemic myocardium via shock waves. Scientific Reports, 2021, 11, 409.	3.3	3
38	Keep on rolling. Islets, 2012, 4, 152-157.	1.8	2
39	Langerhans cells in the sebaceous gland of the murine skin. Experimental Dermatology, 2015, 24, 899-901.	2.9	2
40	Shiga toxin 2a binds antithrombin and heparin, but does not directly activate platelets. International Journal of Medical Microbiology, 2018, 308, 969-976.	3.6	1
41	Tetrahydrobiopterin attenuates ischemia-reperfusion injury following organ transplantation by targeting the nitric oxide synthase: investigations in an animal model. Pteridines, 2013, 24, 13-19.	0.5	0