

Grietje Molema

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4381738/publications.pdf>

Version: 2024-02-01

64
papers

2,034
citations

196777

29
h-index

312153

41
g-index

64
all docs

64
docs citations

64
times ranked

3710
citing authors

#	ARTICLE	IF	CITATIONS
1	Renal microvascular endothelial cell responses in sepsis-induced acute kidney injury. <i>Nature Reviews Nephrology</i> , 2022, 18, 95-112.	4.1	53
2	Pattern of tamoxifen-induced Tie2 deletion in endothelial cells in mature blood vessels using endo SCL-Cre-ERT transgenic mice. <i>PLoS ONE</i> , 2022, 17, e0268986.	1.1	2
3	Pharmacological inhibition of focal adhesion kinase 1 (FAK1) and anaplastic lymphoma kinase (ALK) identified via kinome profile analysis attenuates lipopolysaccharide-induced endothelial inflammatory activation. <i>Biomedicine and Pharmacotherapy</i> , 2021, 133, 111073.	2.5	7
4	Plasma from patients undergoing coronary artery bypass graft surgery does not activate endothelial cells under shear stress in vitro. <i>International Journal of Critical Illness and Injury Science</i> , 2021, 11, 144.	0.2	1
5	Combining laser microdissection and microRNA expression profiling to unmask microRNA signatures in complex tissues. <i>BioTechniques</i> , 2019, 67, 276-285.	0.8	6
6	The in vivo endothelial cell transcriptome is highly heterogeneous across vascular beds. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 23618-23624.	3.3	89
7	Identification of LPS-Activated Endothelial Subpopulations With Distinct Inflammatory Phenotypes and Regulatory Signaling Mechanisms. <i>Frontiers in Immunology</i> , 2019, 10, 1169.	2.2	53
8	Markers of endothelial cell activation in suspected late onset neonatal sepsis in Surinamese newborns: a pilot study. <i>Translational Pediatrics</i> , 2019, 8, 412-418.	0.5	8
9	Renal Klotho is Reduced in Septic Patients and Pretreatment With Recombinant Klotho Attenuates Organ Injury in Lipopolysaccharide-Challenged Mice. <i>Critical Care Medicine</i> , 2018, 46, e1196-e1203.	0.4	21
10	Endothelium-targeted delivery of dexamethasone by anti-VCAM-1 SAINT-O-Somes in mouse endotoxemia. <i>PLoS ONE</i> , 2018, 13, e0196976.	1.1	18
11	Hyperglycaemic memory affects the neurovascular unit of the retina in a diabetic mouse model. <i>Diabetologia</i> , 2017, 60, 1354-1358.	2.9	32
12	Endothelial Interferon Regulatory Factor 1 Regulates Lipopolysaccharide-Induced VCAM-1 Expression Independent of NF- κ B. <i>Journal of Innate Immunity</i> , 2017, 9, 546-560.	1.8	29
13	Intracellular RIG-I Signaling Regulates TLR4-Independent Endothelial Inflammatory Responses to Endotoxin. <i>Journal of Immunology</i> , 2016, 196, 4681-4691.	0.4	41
14	Analyzing Neutrophil Morphology, Mechanics, and Motility in Sepsis. <i>Critical Care Medicine</i> , 2016, 44, 218-228.	0.4	29
15	Histone Deacetylase Inhibition and I κ B Kinase/Nuclear Factor- κ B Blockade Ameliorate Microvascular Proinflammatory Responses Associated With Hemorrhagic Shock/Resuscitation in Mice*. <i>Critical Care Medicine</i> , 2015, 43, e567-e580.	0.4	15
16	Angiopoietin/Tie2 Dysbalance Is Associated with Acute Kidney Injury after Cardiac Surgery Assisted by Cardiopulmonary Bypass. <i>PLoS ONE</i> , 2015, 10, e0136205.	1.1	32
17	SAINT-liposome-polycation particles, a new carrier for improved delivery of siRNAs to inflamed endothelial cells. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2015, 89, 40-47.	2.0	9
18	Targeting Rapamycin to Podocytes Using a Vascular Cell Adhesion Molecule-1 (VCAM-1)-Harnesses SAINT-Based Lipid Carrier System. <i>PLoS ONE</i> , 2015, 10, e0138870.	1.1	35

#	ARTICLE	IF	CITATIONS
19	Streptococcus pneumoniae Interacts with pIgR Expressed by the Brain Microvascular Endothelium but Does Not Co-Localize with PAF Receptor. PLoS ONE, 2014, 9, e97914.	1.1	29
20	A critical role for Egr-1 during vascular remodelling in pulmonary arterial hypertension. Cardiovascular Research, 2014, 103, 573-584.	1.8	35
21	Abrupt Reflow Enhances Cytokine-Induced Proinflammatory Activation of Endothelial Cells During Simulated Shock and Resuscitation. Shock, 2014, 42, 356-364.	1.0	18
22	Off-Pump CABG Surgery Reduces Systemic Inflammation Compared With On-Pump Surgery but Does Not Change Systemic Endothelial Responses. Shock, 2014, 42, 121-128.	1.0	56
23	Anti-VCAM-1 SAINT-O-Somes enable endothelial-specific delivery of siRNA and downregulation of inflammatory genes in activated endothelium in vivo. Journal of Controlled Release, 2014, 176, 64-75.	4.8	54
24	Effective siRNA delivery to inflamed primary vascular endothelial cells by anti-E-selectin and anti-VCAM-1 PEGylated SAINT-based lipoplexes. International Journal of Pharmaceutics, 2014, 459, 40-50.	2.6	29
25	Syntheses and structure-activity relationships for some triazolyl p38 MAPK inhibitors. Bioorganic and Medicinal Chemistry Letters, 2014, 24, 1352-1357.	1.0	19
26	VCAM-1 specific PEGylated SAINT-based lipoplexes deliver siRNA to activated endothelium in vivo but do not attenuate target gene expression. International Journal of Pharmaceutics, 2014, 469, 121-131.	2.6	23
27	Platelet Endothelial Cell Adhesion Molecule-1, a Putative Receptor for the Adhesion of Streptococcus pneumoniae to the Vascular Endothelium of the Blood-Brain Barrier. Infection and Immunity, 2014, 82, 3555-3566.	1.0	39
28	Synthesis and structure-activity relationships of 4-fluorophenyl-imidazole p38 MAPK, CK1 and JAK2 kinase inhibitors. Bioorganic and Medicinal Chemistry Letters, 2014, 24, 3412-3418.	1.0	7
29	Correlation of MicroRNA-16, MicroRNA-21 and MicroRNA-101 Expression with Cyclooxygenase-2 Expression and Angiogenic Factors in Cirrhotic and Noncirrhotic Human Hepatocellular Carcinoma. PLoS ONE, 2014, 9, e95826.	1.1	10
30	The flow dependency of Tie2 expression in endotoxemia. Intensive Care Medicine, 2013, 39, 1262-1271.	3.9	39
31	Anti-VCAM-1 and Anti-E-selectin SAINT-O-Somes for Selective Delivery of siRNA into Inflammation-Activated Primary Endothelial Cells. Molecular Pharmaceutics, 2013, 10, 3033-3044.	2.3	55
32	Innovations in studying in vivo cell behavior and pharmacology in complex tissues - microvascular endothelial cells in the spotlight. Cell and Tissue Research, 2013, 354, 647-669.	1.5	16
33	Pleiotropic effects of angiopoietin-2 deficiency do not protect mice against endotoxin-induced acute kidney injury. Nephrology Dialysis Transplantation, 2013, 28, 567-575.	0.4	18
34	Targeted adenovirus mediated inhibition of NF- κ B-dependent inflammatory gene expression in endothelial cells in vitro and in vivo. Journal of Controlled Release, 2013, 166, 57-65.	4.8	15
35	Renal Heparan Sulfate Proteoglycans Modulate Fibroblast Growth Factor 2 Signaling in Experimental Chronic Transplant Dysfunction. American Journal of Pathology, 2013, 183, 1571-1584.	1.9	12
36	Signalling or binding: the role of the platelet-activating factor receptor in invasive pneumococcal disease. Cellular Microbiology, 2013, 15, 870-881.	1.1	51

#	ARTICLE	IF	CITATIONS
37	Interactions between Blood-Borne Streptococcus pneumoniae and the Blood-Brain Barrier Preceding Meningitis. PLoS ONE, 2013, 8, e68408.	1.1	72
38	Vascular endothelial growth factor receptor 2 inhibition in-vivo affects tumor vasculature in a tumor type-dependent way and downregulates vascular endothelial growth factor receptor 2 protein without a prominent role for miR-296. Anti-Cancer Drugs, 2012, 23, 161-172.	0.7	10
39	Angiogenesis in Synchronous and Metachronous Colorectal Liver Metastases. Annals of Surgery, 2012, 255, 86-94.	2.1	68
40	Adiponectin Diminishes Organ-Specific Microvascular Endothelial Cell Activation Associated With Sepsis. Shock, 2012, 37, 392-398.	1.0	22
41	Deeper Penetration into Tumor Tissues and Enhanced in Vivo Antitumor Activity of Liposomal Paclitaxel by Pretreatment with Angiogenesis Inhibitor SU5416. Molecular Pharmaceutics, 2012, 9, 3486-3494.	2.3	24
42	Vascular Heterogeneity in the Kidney. Seminars in Nephrology, 2012, 32, 145-155.	0.6	77
43	Inhibition of VCAM-1 expression in endothelial cells by CORM-3: The role of the ubiquitin-proteasome system, p38, and mitochondrial respiration. Free Radical Biology and Medicine, 2012, 52, 794-802.	1.3	16
44	Local Medial Microenvironment Directs Phenotypic Modulation of Smooth Muscle Cells After Experimental Renal Transplantation. American Journal of Transplantation, 2012, 12, 1429-1440.	2.6	15
45	Egr-1 Expression During Neointimal Development in Flow-Associated Pulmonary Hypertension. American Journal of Pathology, 2011, 179, 2199-2209.	1.9	35
46	Vascular bed-specific regulation of the von Willebrand factor promoter in the heart and skeletal muscle. Blood, 2011, 117, 342-351.	0.6	41
47	Vascular endothelial growth factor receptor 2 (VEGFR2) signalling activity in paediatric pilocytic astrocytoma is restricted to tumour endothelial cells. Neuropathology and Applied Neurobiology, 2011, 37, 538-548.	1.8	22
48	Liposome-encapsulated dexamethasone attenuates ventilator-induced lung inflammation. British Journal of Pharmacology, 2011, 163, 1048-1058.	2.7	27
49	Time course of the angiogenic response during normotrophic and hypertrophic scar formation in humans. Wound Repair and Regeneration, 2011, 19, 292-301.	1.5	72
50	Oral Carnosine Supplementation Prevents Vascular Damage in Experimental Diabetic Retinopathy. Cellular Physiology and Biochemistry, 2011, 28, 125-136.	1.1	87
51	Effects of p38 mitogen-activated protein kinase inhibition on anti-neutrophil cytoplasmic autoantibody pathogenicity in vitro and in vivo. Annals of the Rheumatic Diseases, 2011, 70, 356-365.	0.5	37
52	Perioperative Conditions Affect Long-term Hypertrophic Scar Formation. Annals of Plastic Surgery, 2010, 65, 321-325.	0.5	20
53	Hepatocellular Carcinomas in Cirrhotic and Noncirrhotic Human Livers Share Angiogenic Characteristics. Annals of Surgical Oncology, 2010, 17, 1564-1571.	0.7	18
54	Targeted transfection increases siRNA uptake and gene silencing of primary endothelial cells in vitro - A quantitative study. Journal of Controlled Release, 2010, 141, 241-251.	4.8	39

#	ARTICLE	IF	CITATIONS
55	Targeted SAINT-O-Somes for improved intracellular delivery of siRNA and cytotoxic drugs into endothelial cells. <i>Journal of Controlled Release</i> , 2010, 144, 341-349.	4.8	32
56	Molecular characterization of the vascular features of focal nodular hyperplasia and hepatocellular adenoma: A role for angiopoietin-1. <i>Hepatology</i> , 2010, 52, 540-549.	3.6	16
57	Angiopoietin-1 Treatment Reduces Inflammation but Does Not Prevent Ventilator-Induced Lung Injury. <i>PLoS ONE</i> , 2010, 5, e15653.	1.1	31
58	FOXO3 Modulates Endothelial Gene Expression and Function by Classical and Alternative Mechanisms. <i>Journal of Biological Chemistry</i> , 2010, 285, 10163-10178.	1.6	36
59	Tumor vessel biology in pediatric intracranial ependymoma. <i>Journal of Neurosurgery: Pediatrics</i> , 2010, 5, 335-341.	0.8	19
60	Hypoxia-Inducible Factor-1 as Regulator of Angiogenesis in Rheumatoid Arthritis - Therapeutic Implications. <i>Current Medicinal Chemistry</i> , 2010, 17, 254-263.	1.2	54
61	Heterogeneity in Endothelial Responsiveness to Cytokines, Molecular Causes, and Pharmacological Consequences. <i>Seminars in Thrombosis and Hemostasis</i> , 2010, 36, 246-264.	1.5	69
62	Spatiotemporal expression of chemokines and chemokine receptors in experimental anti-myeloperoxidase antibody-mediated glomerulonephritis. <i>Clinical and Experimental Immunology</i> , 2009, 158, 143-153.	1.1	18
63	The absence of angiopoietin-2 leads to abnormal vascular maturation and persistent proliferative retinopathy. <i>Thrombosis and Haemostasis</i> , 2009, 102, 120-130.	1.8	21
64	COX-2 Inhibition Combined with Radiation Reduces Orthotopic Glioma Outgrowth by Targeting the Tumor Vasculature. <i>Translational Oncology</i> , 2009, 2, 1-7.	1.7	31