

Nicolas Schlegel

List of Publications by Year in descending order

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Version: 2024-02-01

69
papers

1,630
citations

304743

22
h-index

330143

37
g-index

72
all docs

72
docs citations

72
times ranked

1940
citing authors

#	ARTICLE	IF	CITATIONS
1	Ureaplasma-Driven Neonatal Neuroinflammation: Novel Insights from an Ovine Model. Cellular and Molecular Neurobiology, 2023, 43, 785-795.	3.3	1
2	Clinical Presentation, Treatment, and Outcome of Parathyroid Carcinoma. Annals of Surgery, 2022, 275, e479-e487.	4.2	33
3	Clinical Implication of Phosphodiesterase-4-Inhibition. International Journal of Molecular Sciences, 2022, 23, 1209.	4.1	25
4	G6b-B regulates an essential step in megakaryocyte maturation. Blood Advances, 2022, 6, 3155-3161.	5.2	11
5	Standardized Colon Ascendens Stent Peritonitis in Rats - a Simple, Feasible Animal Model to Induce Septic Acute Kidney Injury. Journal of Visualized Experiments, 2022, , .	0.3	0
6	Suppurative thyroiditis caused by ingested fish bone in the thyroid gland: a case report on its diagnostics and surgical therapy. BMC Surgery, 2022, 22, 92.	1.3	4
7	Desmoglein 2 can undergo Ca ²⁺ -dependent interactions with both desmosomal and classical cadherins including E-cadherin and N-cadherin. Biophysical Journal, 2022, 121, 1322-1335.	0.5	9
8	Molecular and Functional Characterization of the Dual-Specificity Phosphodiesterase Type 10A in Human White Adipocytes. FASEB Journal, 2022, 36, .	0.5	0
9	Differences in morbidity and mortality between unilateral adrenalectomy for adrenal Cushing's syndrome and bilateral adrenalectomy for therapy refractory extra-adrenal Cushing's syndrome. Langenbeck's Archives of Surgery, 2022, 407, 2481-2488.	1.9	3
10	Targeting desmosomal adhesion and signalling for intestinal barrier stabilization in inflammatory bowel diseases—Lessons from experimental models and patients. Acta Physiologica, 2021, 231, e13492.	3.8	64
11	Colorectal cancer in Crohn's colitis is associated with advanced tumor invasion and a poorer survival compared with ulcerative colitis: a retrospective dual-center study. International Journal of Colorectal Disease, 2021, 36, 141-150.	2.2	12
12	Early Ileocecal Resection Is an Effective Therapy in Isolated Crohn's Disease. Journal of Clinical Medicine, 2021, 10, 731.	2.4	7
13	Gastrointestinal epithelial innate immunity—regionalization and organoids as new model. Journal of Molecular Medicine, 2021, 99, 517-530.	3.9	13
14	Intestinal Epithelial Barrier Maturation by Enteric Glial Cells Is GDNF-Dependent. International Journal of Molecular Sciences, 2021, 22, 1887.	4.1	24
15	Leaky Gut as a Potential Culprit for the Paradoxical Dysglycemic Response to Gastric Bypass-Associated Ileal Microbiota. Metabolites, 2021, 11, 153.	2.9	3
16	Case Report: Abdominal Lymph Node Metastases of Parathyroid Carcinoma: Diagnostic Workup, Molecular Diagnosis, and Clinical Management. Frontiers in Endocrinology, 2021, 12, 643328.	3.5	12
17	Prognostic impact of additive chemotherapy after curative resection of metachronous colorectal liver metastasis: a single-centre retrospective study. BMC Cancer, 2021, 21, 490.	2.6	5
18	Evaluation of diagnostic efficacy for localization of parathyroid adenoma in patients with primary hyperparathyroidism undergoing repeat surgery. Langenbeck's Archives of Surgery, 2021, 406, 1615-1624.	1.9	7

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19	Development of a Simple and Robust Whole Blood Assay with Dual Co-Stimulation to Quantify the Release of T-Cellular Signature Cytokines in Response to <i>Aspergillus fumigatus</i> Antigens. <i>Journal of Fungi</i> (Basel, Switzerland), 2021, 7, 462.	3.5	9
20	Chronic Occupational Mold Exposure Drives Expansion of <i>Aspergillus</i> -Reactive Type 1 and Type 2 T-Helper Cell Responses. <i>Journal of Fungi</i> (Basel, Switzerland), 2021, 7, 698.	3.5	6
21	The Revival of Surgery in Crohn's Disease—Early Intestinal Resection as a Reasonable Alternative in Localized Ileitis. <i>Biomedicines</i> , 2021, 9, 1317.	3.2	6
22	Desmoglein2 Regulates Claudin2 Expression by Sequestering PI-3-Kinase in Intestinal Epithelial Cells. <i>Frontiers in Immunology</i> , 2021, 12, 756321.	4.8	15
23	Weight loss from caloric restriction vs Roux-en-Y gastric bypass surgery differentially regulates systemic and portal vein GDF15 levels in obese Zucker fatty rats. <i>Physiology and Behavior</i> , 2021, 240, 113534.	2.1	3
24	Validation of MTL30 as a quality indicator for colorectal surgery. <i>PLoS ONE</i> , 2020, 15, e0238473.	2.5	9
25	Simulating the Post-gastric Bypass Intestinal Microenvironment Uncovers a Barrier-Stabilizing Role for FXR. <i>IScience</i> , 2020, 23, 101777.	4.1	6
26	Pro- and Anti-Inflammatory Responses in Severe COVID-19-Induced Acute Respiratory Distress Syndrome—An Observational Pilot Study. <i>Frontiers in Immunology</i> , 2020, 11, 581338.	4.8	75
27	Prognostic impact of simultaneous venous resections during surgery for resectable pancreatic cancer. <i>Hpb</i> , 2020, 22, 1384-1393.	0.3	7
28	Enteroids Generated from Patients with Severe Inflammation in Crohn's Disease Maintain Alterations of Junctional Proteins. <i>Journal of Crohn's and Colitis</i> , 2020, 14, 1473-1487.	1.3	23
29	Serum-derived factors of breast cancer patients with brain metastases alter permeability of a human blood-brain barrier model. <i>Fluids and Barriers of the CNS</i> , 2020, 17, 31.	5.0	33
30	Ureaplasma Species Modulate Cytokine and Chemokine Responses in Human Brain Microvascular Endothelial Cells. <i>International Journal of Molecular Sciences</i> , 2019, 20, 3583.	4.1	6
31	Neurotrophic factor GDNF regulates intestinal barrier function in inflammatory bowel disease. <i>Journal of Clinical Investigation</i> , 2019, 129, 2824-2840.	8.2	63
32	Prognostic Relevance of Steroid Sulfation in Adrenocortical Carcinoma Revealed by Molecular Phenotyping Using High-Resolution Mass Spectrometry Imaging. <i>Clinical Chemistry</i> , 2019, 65, 1276-1286.	3.2	19
33	Human Mesenchymal Stromal Cell-Derived Extracellular Vesicles Improve Liver Regeneration After Ischemia Reperfusion Injury in Mice. <i>Stem Cells and Development</i> , 2019, 28, 1451-1462.	2.1	57
34	An underestimated pathogen: <i>Staphylococcus epidermidis</i> induces pro-inflammatory responses in human alveolar epithelial cells. <i>Cytokine</i> , 2019, 123, 154761.	3.2	9
35	Ureaplasma species modulate cell adhesion molecules and growth factors in human brain microvascular endothelial cells. <i>Cytokine</i> , 2019, 121, 154737.	3.2	4
36	ST18 Enhances PV-IgG-Induced Loss of Keratinocyte Cohesion in Parallel to Increased ERK Activation. <i>Frontiers in Immunology</i> , 2019, 10, 770.	4.8	20

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37	Obstructed defecation "an enteric neuropathy? An exploratory study of patient samples. International Journal of Colorectal Disease, 2019, 34, 193-196.	2.2	7
38	GDNF-induced intestinal epithelial barrier stabilization is RET-dependent. FASEB Journal, 2019, 33, .	0.5	0
39	Enteroids from stem cells of patients with Crohn's disease reflect intestinal epithelial barrier changes when compared to tissue specimens. FASEB Journal, 2019, 33, 496-30.	0.5	0
40	Sphingosine-1-Phosphate Receptor-1 Agonist Sew2871 Causes Severe Cardiac Side Effects and Does Not Improve Microvascular Barrier Breakdown in Sepsis. Shock, 2018, 49, 71-81.	2.1	14
41	The time point of completion thyroidectomy has no prognostic impact in patients with differentiated thyroid cancer. Clinical Endocrinology, 2018, 90, 479-486.	2.4	9
42	Dsg2 via Src-mediated transactivation shapes EGFR signaling towards cell adhesion. Cellular and Molecular Life Sciences, 2018, 75, 4251-4268.	5.4	30
43	Desmoglein 2, but not desmocollin 2, protects intestinal epithelia from injury. Mucosal Immunology, 2018, 11, 1630-1639.	6.0	45
44	Dsg2 regulates intestinal epithelial cell adhesion and barrier function via EGFR. FASEB Journal, 2018, 32, 286.3.	0.5	0
45	Desmoglein 2 regulates the intestinal epithelial barrier via p38 mitogen-activated protein kinase. Scientific Reports, 2017, 7, 6329.	3.3	48
46	The glial cell-line derived neurotrophic factor: a novel regulator of intestinal barrier function in health and disease. American Journal of Physiology - Renal Physiology, 2016, 310, G1118-G1123.	3.4	20
47	Gastric Bypass-Related Effects on Glucose Control, β^2 Cell Function and Morphology in the Obese Zucker Rat. Obesity Surgery, 2016, 26, 1228-1236.	2.1	16
48	Balanced Hydroxyethylstarch (HES 130/0.4) Impairs Kidney Function In-Vivo without Inflammation. PLoS ONE, 2015, 10, e0137247.	2.5	14
49	Loss of Desmoglein 2 Contributes to the Pathogenesis of Crohn's Disease. Inflammatory Bowel Diseases, 2015, 21, 1.	1.9	41
50	Soluble VE-cadherin is involved in endothelial barrier breakdown in systemic inflammation and sepsis. Cardiovascular Research, 2015, 107, 32-44.	3.8	92
51	Glial cell line-derived neurotrophic factor promotes barrier maturation and wound healing in intestinal epithelial cells in vitro. American Journal of Physiology - Renal Physiology, 2015, 309, G613-G624.	3.4	62
52	Phosphodiesterase-4 inhibition with rolipram attenuates hepatocellular injury in hyperinflammation in vivo and in vitro without influencing inflammation and HO-1 expression. Journal of Pharmacology and Pharmacotherapeutics, 2015, 6, 13-23.	0.4	7
53	Sphincter-sparing intersphincteric rectal resection as an alternative to proctectomy in long-standing fistulizing and stenotic Crohn's proctitis?. International Journal of Colorectal Disease, 2015, 30, 655-663.	2.2	5
54	Phosphodiesterase 4 Inhibition Dose Dependently Stabilizes Microvascular Barrier Functions and Microcirculation in a Rodent Model of Polymicrobial Sepsis. Shock, 2014, 41, 537-545.	2.1	29

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55	E7080 (Lenvatinib), a Multi-Targeted Tyrosine Kinase Inhibitor, Demonstrates Antitumor Activities Against Colorectal Cancer Xenografts. <i>Neoplasia</i> , 2014, 16, 972-981.	5.3	20
56	cAMP with other signaling cues converges on Rac1 to stabilize the endothelial barrier—a signaling pathway compromised in inflammation. <i>Cell and Tissue Research</i> , 2014, 355, 587-596.	2.9	79
57	Phosphodiesterase-4 inhibition stabilizes microvascular endothelial barrier functions and microcirculation in a model of polymicrobial sepsis. <i>FASEB Journal</i> , 2013, 27, lb656.	0.5	0
58	Phosphodiesterase-4 inhibition as a therapeutic approach to treat capillary leakage in systemic inflammation. <i>Journal of Physiology</i> , 2012, 590, 2693-2708.	2.9	54
59	Role of NF- κ B activation in LPS-induced endothelial barrier breakdown. <i>Histochemistry and Cell Biology</i> , 2012, 138, 627-641.	1.7	24
60	Differential role of Rho GTPases in intestinal epithelial barrier regulation in vitro. <i>Journal of Cellular Physiology</i> , 2011, 226, 1196-1203.	4.1	49
61	Desmoglein 2-mediated adhesion is required for intestinal epithelial barrier integrity. <i>American Journal of Physiology - Renal Physiology</i> , 2010, 298, G774-G783.	3.4	90
62	Intestinal epithelial barrier integrity requires Desmoglein-2-mediated adhesion. <i>FASEB Journal</i> , 2010, 24, 1002.30.	0.5	0
63	Endothelial barrier stabilization by a cyclic tandem peptide targeting VE-cadherin transinteraction in vitro and in vivo. <i>Journal of Cell Science</i> , 2009, 122, 1616-1625.	2.0	31
64	VASP is involved in cAMP-mediated Rac 1 activation in microvascular endothelial cells. <i>American Journal of Physiology - Cell Physiology</i> , 2009, 296, C453-C462.	4.6	62
65	Impaired integrin-mediated adhesion contributes to reduced barrier properties in VASP-deficient microvascular endothelium. <i>Journal of Cellular Physiology</i> , 2009, 220, 357-366.	4.1	32
66	Impaired cAMP and Rac 1 Signaling Contribute to TNF α -induced Endothelial Barrier Breakdown in Microvascular Endothelium. <i>Microcirculation</i> , 2009, 16, 521-533.	1.8	47
67	Lipopolysaccharide-induced endothelial barrier breakdown is cyclic adenosine monophosphate dependent in vivo and in vitro*. <i>Critical Care Medicine</i> , 2009, 37, 1735-1743.	0.9	99
68	VASP-mediated Rac 1 activation contributes to cAMP-induced microvascular endothelial barrier stabilization. <i>FASEB Journal</i> , 2009, 23, 796.2.	0.5	0
69	cAMP-dependent Rac 1 inactivation is associated with LPS-induced endothelial barrier breakdown. <i>FASEB Journal</i> , 2008, 22, 926.14.	0.5	0