

Sven Flemming

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5412836/publications.pdf>

Version: 2024-02-01

42
papers

887
citations

471509

17
h-index

501196

28
g-index

48
all docs

48
docs citations

48
times ranked

1261
citing authors

#	ARTICLE	IF	CITATIONS
1	Soluble VE-cadherin is involved in endothelial barrier breakdown in systemic inflammation and sepsis. <i>Cardiovascular Research</i> , 2015, 107, 32-44.	3.8	92
2	Surgery in times of COVID-19â” recommendations for hospital and patient management. <i>Langenbeck's Archives of Surgery</i> , 2020, 405, 359-364.	1.9	88
3	Neurotrophic factor GDNF regulates intestinal barrier function in inflammatory bowel disease. <i>Journal of Clinical Investigation</i> , 2019, 129, 2824-2840.	8.2	63
4	Clinical performance evaluation of SARS-CoV-2 rapid antigen testing in point of care usage in comparison to RT-qPCR. <i>EBioMedicine</i> , 2021, 69, 103455.	6.1	63
5	Glial cell line-derived neurotrophic factor promotes barrier maturation and wound healing in intestinal epithelial cells in vitro. <i>American Journal of Physiology - Renal Physiology</i> , 2015, 309, G613-G624.	3.4	62
6	Changes in appendicitis treatment during the COVID-19 pandemic â” A systematic review and meta-analysis. <i>International Journal of Surgery</i> , 2021, 95, 106148.	2.7	54
7	Impact of the COVID-19 pandemic on appendicitis treatment in Germanyâ” a population-based analysis. <i>Langenbeck's Archives of Surgery</i> , 2021, 406, 377-383.	1.9	43
8	Loss of Desmoglein 2 Contributes to the Pathogenesis of Crohnâ”s Disease. <i>Inflammatory Bowel Diseases</i> , 2015, 21, 1.	1.9	41
9	Phosphodiesterase 4 Inhibition Dose Dependently Stabilizes Microvascular Barrier Functions and Microcirculation in a Rodent Model of Polymicrobial Sepsis. <i>Shock</i> , 2014, 41, 537-545.	2.1	29
10	Macrophage-dependent neutrophil recruitment is impaired under conditions of increased intestinal permeability in JAM-A-deficient mice. <i>Mucosal Immunology</i> , 2019, 12, 668-678.	6.0	27
11	Desmocollin-2 promotes intestinal mucosal repair by controlling integrin-dependent cell adhesion and migration. <i>Molecular Biology of the Cell</i> , 2020, 31, 407-418.	2.1	26
12	Analysis of leukocyte transepithelial migration using an in vivo murine colonic loop model. <i>JCI Insight</i> , 2018, 3, .	5.0	26
13	Abdominal fluid samples (negative for SARS-CoV-2) from a critically unwell patient with respiratory COVID-19. <i>British Journal of Surgery</i> , 2020, 107, e259-e260.	0.3	25
14	Intestinal Epithelial Barrier Maturation by Enteric Glial Cells Is GDNF-Dependent. <i>International Journal of Molecular Sciences</i> , 2021, 22, 1887.	4.1	24
15	Endoscopic full thickness resection vs. transanal endoscopic microsurgery for local treatment of rectal neuroendocrine tumorsâ” a retrospective analysis. <i>International Journal of Colorectal Disease</i> , 2021, 36, 971-976.	2.2	23
16	Patterns of Lymph Node Recurrence in Adrenocortical Carcinoma: Possible Implications for Primary Surgical Treatment. <i>Annals of Surgical Oncology</i> , 2019, 26, 531-538.	1.5	22
17	The glial cell-line derived neurotrophic factor: a novel regulator of intestinal barrier function in health and disease. <i>American Journal of Physiology - Renal Physiology</i> , 2016, 310, G1118-G1123.	3.4	20
18	Neutrophil expressed CD47 regulates CD11b/CD18-dependent neutrophil transepithelial migration in the intestine in vivo. <i>Mucosal Immunology</i> , 2021, 14, 331-341.	6.0	19

#	ARTICLE	IF	CITATIONS
19	Regulation of intestinal epithelial intercellular adhesion and barrier function by desmosomal cadherin desmocollin-2. <i>Molecular Biology of the Cell</i> , 2021, 32, 753-768.	2.1	18
20	Balanced Hydroxyethylstarch (HES 130/0.4) Impairs Kidney Function In-Vivo without Inflammation. <i>PLoS ONE</i> , 2015, 10, e0137247.	2.5	14
21	Sphingosine-1-Phosphate Receptor-1 Agonist Sew2871 Causes Severe Cardiac Side Effects and Does Not Improve Microvascular Barrier Breakdown in Sepsis. <i>Shock</i> , 2018, 49, 71-81.	2.1	14
22	The Arp2/3 Inhibitory Protein Arpin Is Required for Intestinal Epithelial Barrier Integrity. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 625719.	3.7	12
23	Sepsis-induced acute kidney injury by standardized colon ascendens stent peritonitis in rats - a simple, reproducible animal model. <i>Intensive Care Medicine Experimental</i> , 2014, 2, 34.	1.9	10
24	Phosphodiesterase-4 inhibition with rolipram attenuates hepatocellular injury in hyperinflammation in vivo and in vitro without influencing inflammation and HO-1 expression. <i>Journal of Pharmacology and Pharmacotherapeutics</i> , 2015, 6, 13-23.	0.4	7
25	Early Ileocecal Resection Is an Effective Therapy in Isolated Crohn's Disease. <i>Journal of Clinical Medicine</i> , 2021, 10, 731.	2.4	7
26	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
27	Safety of elective abdominal and vascular surgery during the COVID-19 pandemic: a retrospective single-center study. <i>European Journal of Medical Research</i> , 2021, 26, 112.	2.2	6
28	Impact of pre-procedural testing on SARS-CoV-2 transmission to endoscopy staff. <i>Gut</i> , 2022, 71, 2167-2169.	12.1	5
29	Impact of preoperative weight loss achieved by gastric balloon on peri- and postoperative outcomes of bariatric surgery in super-obese patients: a retrospective matched-pair analysis. <i>Langenbeck's Archives of Surgery</i> , 2022, 407, 1873-1879.	1.9	4
30	Cancer diagnosis is one quarter lower than the expected cancer incidence in the first year of COVID-19 pandemic in Germany: A retrospective register-based cohort study. <i>Cancer Communications</i> , 2022, 42, 673-676.	9.2	4
31	Managing esophagocutaneous fistula after secondary gastric pull-up: A case report. <i>World Journal of Gastroenterology</i> , 2021, 27, 1841-1846.	3.3	3
32	Endoscopic Management of Large Leakages After Upper Gastrointestinal Surgery. <i>Frontiers in Surgery</i> , 2022, 9, .	1.4	3
33	Celiacobihepatic venous bypass for liver revascularization in a patient with intrahepatic contained rupture of a common hepatic artery aneurysm. <i>Journal of Vascular Surgery</i> , 2014, 60, 230-232.	1.1	2
34	P017 CD47 REGULATES CD11B-DEPENDENT NEUTROPHIL TRANSEPITHELIAL MIGRATION DURING INTESTINAL INFLAMMATION. <i>Gastroenterology</i> , 2018, 154, S9.	1.3	1
35	Author response to: Comment on: Abdominal fluid samples (negative for SARS-CoV-2) from a critically unwell patient with respiratory COVID-19. <i>British Journal of Surgery</i> , 2020, 107, e624-e624.	0.3	1
36	Successful management of therapy-refractory pseudoachalasia after Ivor Lewis esophagectomy by bypassing colonic pull-up: A case report. <i>World Journal of Clinical Cases</i> , 2021, 9, 3971-3978.	0.8	0

#	ARTICLE	IF	CITATIONS
37	Phosphodiesteraseâ€4â€inhibition stabilizes microvascular endothelial barrier functions and microcirculation in a model of polymicrobial sepsis. FASEB Journal, 2013, 27, lb656.	0.5	0
38	Desmosomal Cadherins Desmogleinâ€2 or Desmocollinâ€2 Regulate Intestinal Epithelial Barrier Function and Mucosal Repair. FASEB Journal, 2018, 32, 286.10.	0.5	0
39	Impaired Peritoneal Macrophage Function and Delayed Neutrophil Recruitment are Secondary to a Leaky Gut in JAMâ€A Deficient Mice. FASEB Journal, 2019, 33, 375.6.	0.5	0
40	GDNFâ€induced intestinal epithelial barrier stabilization is RETâ€dependent. FASEB Journal, 2019, 33, .	0.5	0
41	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
42	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