Frank U WeiÃ

List of Publications by Year
in descending order

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62 papers	5,438 citations	126907 33 h-index	128289 60 g-index
65 all docs	65 docs citations	65 times ranked	6365 citing authors

#	Article	IF	Citations
1	NMR Metabolomics Reveal Urine Markers of Microbiome Diversity and Identify Benzoate Metabolism as a Mediator between High Microbial Alpha Diversity and Metabolic Health. Metabolites, 2022, 12, 308.	2.9	11
2	Inhibitory Response to CK II Inhibitor Silmitasertib and CDKs Inhibitor Dinaciclib Is Related to Genetic Differences in Pancreatic Ductal Adenocarcinoma Cell Lines. International Journal of Molecular Sciences, 2022, 23, 4409.	4.1	3
3	The Inhibitory Response to PI3K/AKT Pathway Inhibitors MK-2206 and Buparlisib Is Related to Genetic Differences in Pancreatic Ductal Adenocarcinoma Cell Lines. International Journal of Molecular Sciences, 2022, 23, 4295.	4.1	5
4	Acute Pancreatitis: Genetic Risk and Clinical Implications. Journal of Clinical Medicine, 2021, 10, 190.	2.4	16
5	Identification and validation of a multivariable prediction model based on blood plasma and serum metabolomics for the distinction of chronic pancreatitis subjects from non-pancreas disease control subjects. Gut, 2021, 70, 2150-2158.	12.1	25
6	NLRP3 Inflammasome Regulates Development of Systemic Inflammatory Response and Compensatory Anti-Inflammatory Response Syndromes in Mice With Acute Pancreatitis. Gastroenterology, 2020, 158, 253-269.e14.	1.3	162
7	Experimental pancreatitis is characterized by rapid T cell activation, Th2 differentiation that parallels disease severity, and improvement after CD4+ T cell depletion. Pancreatology, 2020, 20, 1637-1647.	1.1	11
8	Irritable bowel syndrome, mental health, and quality of life: Data from a populationâ€based survey in Germany (SHIPâ€Trendâ€0). Neurogastroenterology and Motility, 2019, 31, e13511.	3.0	21
9	Cathepsin B-Mediated Activation of Trypsinogen in Endocytosing Macrophages Increases Severity of Pancreatitis in Mice. Gastroenterology, 2018, 154, 704-718.e10.	1.3	168
10	Development and Validation of a Chronic Pancreatitis PrognosisÂScore in 2 Independent Cohorts. Gastroenterology, 2017, 153, 1544-1554.e2.	1.3	43
11	Specificity of a Polyclonal Fecal Elastase ELISA for CELA3. PLoS ONE, 2016, 11, e0159363.	2.5	20
12	Liver injury and genetic polymorphisms in the cytochrome P450 and UDP-glucuronosyltransferase genes. Archives of Toxicology, 2016, 90, 229-230.	4.2	0
13	ABO blood type B and fucosyltransferase 2 non-secretor status as genetic risk factors for chronic pancreatitis. Gut, 2016, 65, 353-354.	12.1	13
14	Gene Conversion Between Cationic Trypsinogen (PRSS1) and the Pseudogene Trypsinogen 6 (PRSS3P2) in Patients with Chronic Pancreatitis. Human Mutation, 2015, 36, 350-356.	2.5	19
15	Complement Component 5 Mediates Development of Fibrosis, via Activation of Stellate Cells, in 2 Mouse Models of Chronic Pancreatitis. Gastroenterology, 2015, 149, 765-776.e10.	1.3	68
16	Surgical Trauma Leads to a Shorter Survival in a Murine Orthotopic Pancreatic Cancer Model. European Surgical Research, 2015, 54, 87-94.	1.3	3
17	Fucosyltransferase 2 (FUT2) non-secretor status and blood group B are associated with elevated serum lipase activity in asymptomatic subjects, and an increased risk for chronic pancreatitis: a genetic association study. Gut, 2015, 64, 646-656.	12.1	82
18	A recombined allele of the lipase gene CEL and its pseudogene CELP confers susceptibility to chronic pancreatitis. Nature Genetics, 2015, 47, 518-522.	21.4	157

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19	Genetic polymorphisms in the UDP-glucuronosyltransferase UGT1A7 gene in patients with acute liver failure after kava-kava consumption. Archives of Toxicology, 2015, 89, 2173-2174.	4.2	4
20	Lipase gene fusion: a new route to chronic pancreatitis. Oncotarget, 2015, 6, 30443-30444.	1.8	3
21	Pancreatic cancer risk in hereditary pancreatitis. Frontiers in Physiology, 2014, 5, 70.	2.8	50
22	Induction of M2-macrophages by tumour cells and tumour growth promotion by M2-macrophages: A quid pro quo in pancreatic cancer. Pancreatology, 2013, 13, 508-516.	1.1	43
23	The number of tandem repeats in the carboxyl-ester lipase (CEL) gene as a risk factor in alcoholic and idiopathic chronic pancreatitis. Pancreatology, 2013, 13, 29-32.	1.1	38
24	Insights into the epigenetic mechanisms controlling pancreatic carcinogenesis. Cancer Letters, 2013, 328, 212-221.	7.2	72
25	Circulating U2 small nuclear RNA fragments as a novel diagnostic biomarker for pancreatic and colorectal adenocarcinoma. International Journal of Cancer, 2013, 132, E48-57.	5.1	126
26	Identification of Genetic Loci Associated With Helicobacter pylori Serologic Status. JAMA - Journal of the American Medical Association, 2013, 309, 1912.	7.4	142
27	Tumour necrosis factor Î± secretion induces protease activation and acinar cell necrosis in acute experimental pancreatitis in mice. Gut, 2013, 62, 430-439.	12.1	160
28	Association Analysis of Genetic Variants in the Myosin IXB Gene in Acute Pancreatitis. PLoS ONE, 2013, 8, e85870.	2.5	14
29	Common genetic variants in the CLDN2 and PRSS1-PRSS2 loci alter risk for alcohol-related and sporadic pancreatitis. Nature Genetics, 2012, 44, 1349-1354.	21.4	303
30	Tissue Tolerable Plasma (TTP) induces apoptosis in pancreatic cancer cells in vitro and in vivo. BMC Cancer, 2012, 12, 473.	2.6	218
31	Environmental Risk Factors for Chronic Pancreatitis and Pancreatic Cancer. Digestive Diseases, 2011, 29, 235-242.	1.9	46
32	A Syngeneic Orthotopic Murine Model of Pancreatic Adenocarcinoma in the C57/BL6 Mouse Using the Panc02 and 6606PDA Cell Lines. European Surgical Research, 2011, 47, 98-107.	1.3	54
33	Drug Efflux Transporter Multidrug Resistance-Associated Protein 5 Affects Sensitivity of Pancreatic Cancer Cell Lines to the Nucleoside Anticancer Drug 5-Fluorouracil. Drug Metabolism and Disposition, 2011, 39, 132-139.	3.3	54
34	Tumor necrosis factor-related apoptosis-inducing ligand (TRAIL) improves the innate immune response and enhances survival in murine polymicrobial sepsis. Critical Care Medicine, 2010, 38, 2169-2174.	0.9	26
35	The variable phenotype of the p.A16V mutation of cationic trypsinogen (PRSS1) in pancreatitis families. Gut, 2010, 59, 357-363.	12.1	45
36	Toll-like receptor 4 polymorphisms in German and US patients are not associated with occurrence or severity of acute pancreatitis. Gut, 2010, 59, 1154-1155.	12.1	15

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37	Angiopoietin-2, a Regulator of Vascular Permeability in Inflammation, Is Associated With Persistent Organ Failure in Patients With Acute Pancreatitis From the United States and Germany. American Journal of Gastroenterology, 2010, 105, 2287-2292.	0.4	64
38	Advances in the Etiology of Chronic Pancreatitis. Digestive Diseases, 2010, 28, 324-329.	1.9	13
39	Cathepsin L Inactivates Human Trypsinogen, Whereas Cathepsin L-Deletion Reduces the Severity of Pancreatitis in Mice. Gastroenterology, 2010, 138, 726-737.	1.3	110
40	Variations in trypsinogen expression may influence the protective effect of the p.G191R PRSS2 variant in chronic pancreatitis. Gut, 2009, 58, 749-750.	12.1	3
41	Functional characterisation of the CFTR mutations M348V and A1087P from patients with pancreatitis suggests functional interaction between CFTR monomers. Gut, 2009, 58, 733-734.	12.1	7
42	Metastatic behaviour of primary human tumours in a zebrafish xenotransplantation model. BMC Cancer, 2009, 9, 128.	2.6	209
43	Hereditary pancreatitis caused by mutation-induced misfolding of human cationic trypsinogen: A novel disease mechanism. Human Mutation, 2009, 30, 575-582.	2.5	137
44	Diagnostic workup of patients with pancreatic diseases. European Surgery - Acta Chirurgica Austriaca, 2009, 41, 268-279.	0.7	0
45	Retinoic Acid Receptor Antagonists Inhibit miR-10a Expression and Block Metastatic Behavior of Pancreatic Cancer. Gastroenterology, 2009, 137, 2136-2145.e7.	1.3	229
46	New advances in pancreatic cell physiology and pathophysiology. Bailliere's Best Practice and Research in Clinical Gastroenterology, 2008, 22, 3-15.	2.4	26
47	Local Clustering ofPRSS1R122H Mutations in Hereditary Pancreatitis Patients From Northern Germany. American Journal of Gastroenterology, 2008, 103, 2585-2588.	0.4	11
48	Cathepsin B gene polymorphism Val26 is not associated with idiopathic chronic pancreatitis in European patients. Gut, 2007, 56, 1322-1323.	12.1	31
49	Germline Mutations and Gene Polymorphism Associated With Human Pancreatitis. Endocrinology and Metabolism Clinics of North America, 2006, 35, 289-302.	3.2	10
50	A degradation-sensitive anionic trypsinogen (PRSS2) variant protects against chronic pancreatitis. Nature Genetics, 2006, 38, 668-673.	21.4	220
51	Keratin 8 sequence variants in patients with pancreatitis and pancreatic cancer. Journal of Molecular Medicine, 2006, 84, 1015-1022.	3.9	29
52	Complete cystic fibrosis transmembrane conductance regulator gene sequencing in patients with idiopathic chronic pancreatitis and controls. Gut, 2005, 54, 1456-1460.	12.1	139
53	Protein tyrosine phosphatase Â and SHP-1 are involved in the regulation of cell-cell contacts at adherens junctions in the exocrine pancreas. Gut, 2005, 54, 1445-1455.	12.1	47
54	Extracellular Cleavage of E-Cadherin by Leukocyte Elastase During Acute Experimental Pancreatitis in Rats. Gastroenterology, 2005, 129, 1251-1267.	1.3	130

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55	Fatal cerebro-renal oxalosis after appendectomy. International Journal of Legal Medicine, 2004, 118, 98-100.	2.2	13
56	Up-regulation, nuclear import, and tumor growth stimulation of the adhesion protein p120ctn in pancreatic cancer. Gastroenterology, 2003, 124, 949-960.	1.3	54
57	Hereditary Pancreatitis Caused by a Novel PRSS1 Mutation (Arg-122 â†' Cys) That Alters Autoactivation and Autodegradation of Cationic Trypsinogen. Journal of Biological Chemistry, 2002, 277, 5404-5410.	3.4	106
58	Spontaneous and Sporadic Trypsinogen Mutations in Idiopathic Pancreatitis. JAMA - Journal of the American Medical Association, 2002, 288, 2122-2122.	7.4	41
59	Acute and Chronic Pancreatitis in Patients with Inborn Errors of Metabolism. Pancreatology, 2001, 1, 448-456.	1.1	31
60	Chronische Pankreatitis: Pathogenese, molekulare Pathophysiologie und genetische VerÃnderungen. Visceral Medicine, 2001, 17, 278-281.	1.3	0
61	Novel mechanisms of RTK signal generation. Current Opinion in Genetics and Development, 1997, 7, 80-86.	3.3	115
62	Role of transactivation of the EGF receptor in signalling by G-protein-coupled receptors. Nature, 1996, 379, 557-560.	27.8	1,422