

# Frank U Wei

## List of Publications by Citations

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57  
papers

4,373  
citations

31  
h-index

65  
g-index

65  
ext. papers

5,019  
ext. citations

9.7  
avg, IF

4.74  
L-index

#	Paper	IF	Citations
57	Role of transactivation of the EGF receptor in signalling by G-protein-coupled receptors. <i>Nature</i> , <b>1996</b> , 379, 557-60	50.4	1320
56	Common genetic variants in the CLDN2 and PRSS1-PRSS2 loci alter risk for alcohol-related and sporadic pancreatitis. <i>Nature Genetics</i> , <b>2012</b> , 44, 1349-54	36.3	223
55	Retinoic acid receptor antagonists inhibit miR-10a expression and block metastatic behavior of pancreatic cancer. <i>Gastroenterology</i> , <b>2009</b> , 137, 2136-45.e1-7	13.3	198
54	Metastatic behaviour of primary human tumours in a zebrafish xenotransplantation model. <i>BMC Cancer</i> , <b>2009</b> , 9, 128	4.8	181
53	A degradation-sensitive anionic trypsinogen (PRSS2) variant protects against chronic pancreatitis. <i>Nature Genetics</i> , <b>2006</b> , 38, 668-73	36.3	181
52	Tissue tolerable plasma (TTP) induces apoptosis in pancreatic cancer cells in vitro and in vivo. <i>BMC Cancer</i> , <b>2012</b> , 12, 473	4.8	178
51	Tumour necrosis factor $\beta$ secretion induces protease activation and acinar cell necrosis in acute experimental pancreatitis in mice. <i>Gut</i> , <b>2013</b> , 62, 430-9	19.2	119
50	A recombined allele of the lipase gene CEL and its pseudogene CELP confers susceptibility to chronic pancreatitis. <i>Nature Genetics</i> , <b>2015</b> , 47, 518-522	36.3	111
49	Complete cystic fibrosis transmembrane conductance regulator gene sequencing in patients with idiopathic chronic pancreatitis and controls. <i>Gut</i> , <b>2005</b> , 54, 1456-60	19.2	111
48	Identification of genetic loci associated with Helicobacter pylori serologic status. <i>JAMA - Journal of the American Medical Association</i> , <b>2013</b> , 309, 1912-20	27.4	109
47	Circulating U2 small nuclear RNA fragments as a novel diagnostic biomarker for pancreatic and colorectal adenocarcinoma. <i>International Journal of Cancer</i> , <b>2013</b> , 132, E48-57	7.5	108
46	Novel mechanisms of RTK signal generation. <i>Current Opinion in Genetics and Development</i> , <b>1997</b> , 7, 80-6	4.9	108
45	Extracellular cleavage of E-cadherin by leukocyte elastase during acute experimental pancreatitis in rats. <i>Gastroenterology</i> , <b>2005</b> , 129, 1251-67	13.3	108
44	Hereditary pancreatitis caused by mutation-induced misfolding of human cationic trypsinogen: a novel disease mechanism. <i>Human Mutation</i> , <b>2009</b> , 30, 575-82	4.7	100
43	Hereditary pancreatitis caused by a novel PRSS1 mutation (Arg-122 --> Cys) that alters autoactivation and autodegradation of cationic trypsinogen. <i>Journal of Biological Chemistry</i> , <b>2002</b> , 277, 5404-10	5.4	87
42	Cathepsin B-Mediated Activation of Trypsinogen in Endocytosing Macrophages Increases Severity of Pancreatitis in Mice. <i>Gastroenterology</i> , <b>2018</b> , 154, 704-718.e10	13.3	85
41	Cathepsin L inactivates human trypsinogen, whereas cathepsin L-deletion reduces the severity of pancreatitis in mice. <i>Gastroenterology</i> , <b>2010</b> , 138, 726-37	13.3	84

40	NLRP3 Inflammasome Regulates Development of Systemic Inflammatory Response and Compensatory Anti-Inflammatory Response Syndromes in Mice With Acute Pancreatitis. <i>Gastroenterology</i> , <b>2020</b> , 158, 253-269.e14	13.3	74
39	Insights into the epigenetic mechanisms controlling pancreatic carcinogenesis. <i>Cancer Letters</i> , <b>2013</b> , 328, 212-21	9.9	62
38	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. <i>Gut</i> , <b>2015</b> , 64, 646-56	19.2	60
37	Complement Component 5 Mediates Development of Fibrosis, via Activation of Stellate Cells, in 2 Mouse Models of Chronic Pancreatitis. <i>Gastroenterology</i> , <b>2015</b> , 149, 765-76.e10	13.3	49
36	Up-regulation, nuclear import, and tumor growth stimulation of the adhesion protein p120 in pancreatic cancer. <i>Gastroenterology</i> , <b>2003</b> , 124, 949-60	13.3	48
35	Drug efflux transporter multidrug resistance-associated protein 5 affects sensitivity of pancreatic cancer cell lines to the nucleoside anticancer drug 5-fluorouracil. <i>Drug Metabolism and Disposition</i> , <b>2011</b> , 39, 132-9	4	45
34	A syngeneic orthotopic murine model of pancreatic adenocarcinoma in the C57/BL6 mouse using the Panc02 and 6606PDA cell lines. <i>European Surgical Research</i> , <b>2011</b> , 47, 98-107	1.1	44
33	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. <i>American Journal of Gastroenterology</i> , <b>2010</b> , 105, 2287-92	0.7	44
32	Environmental risk factors for chronic pancreatitis and pancreatic cancer. <i>Digestive Diseases</i> , <b>2011</b> , 29, 235-42	3.2	41
31	Induction of M2-macrophages by tumour cells and tumour growth promotion by M2-macrophages: a quid pro quo in pancreatic cancer. <i>Pancreatology</i> , <b>2013</b> , 13, 508-16	3.8	37
30	Pancreatic cancer risk in hereditary pancreatitis. <i>Frontiers in Physiology</i> , <b>2014</b> , 5, 70	4.6	37
29	Spontaneous and sporadic trypsinogen mutations in idiopathic pancreatitis. <i>JAMA - Journal of the American Medical Association</i> , <b>2002</b> , 288, 2122	27.4	35
28	The variable phenotype of the p.A16V mutation of cationic trypsinogen (PRSS1) in pancreatitis families. <i>Gut</i> , <b>2010</b> , 59, 357-63	19.2	34
27	Protein tyrosine phosphatase kappa and SHP-1 are involved in the regulation of cell-cell contacts at adherens junctions in the exocrine pancreas. <i>Gut</i> , <b>2005</b> , 54, 1445-55	19.2	34
26	The number of tandem repeats in the carboxyl-ester lipase (CEL) gene as a risk factor in alcoholic and idiopathic chronic pancreatitis. <i>Pancreatology</i> , <b>2013</b> , 13, 29-32	3.8	31
25	Keratin 8 sequence variants in patients with pancreatitis and pancreatic cancer. <i>Journal of Molecular Medicine</i> , <b>2006</b> , 84, 1015-22	5.5	25
24	Tumor necrosis factor-related apoptosis-inducing ligand (TRAIL) improves the innate immune response and enhances survival in murine polymicrobial sepsis. <i>Critical Care Medicine</i> , <b>2010</b> , 38, 2169-74	1.4	24
23	Cathepsin B gene polymorphism Val26 is not associated with idiopathic chronic pancreatitis in European patients. <i>Gut</i> , <b>2007</b> , 56, 1322-3	19.2	24

22	Development and Validation of a Chronic Pancreatitis Prognosis Score in 2 Independent Cohorts. <i>Gastroenterology</i> , <b>2017</b> , 153, 1544-1554.e2	13.3	23
21	Acute and chronic pancreatitis in patients with inborn errors of metabolism. <i>Pancreatology</i> , <b>2001</b> , 1, 448-58	5.8	22
20	New advances in pancreatic cell physiology and pathophysiology. <i>Baillieres Best Practice and Research in Clinical Gastroenterology</i> , <b>2008</b> , 22, 3-15	2.5	21
19	Gene conversion between cationic trypsinogen (PRSS1) and the pseudogene trypsinogen 6 (PRSS3P2) in patients with chronic pancreatitis. <i>Human Mutation</i> , <b>2015</b> , 36, 350-6	4.7	15
18	Toll-like receptor 4 polymorphisms in German and US patients are not associated with occurrence or severity of acute pancreatitis. <i>Gut</i> , <b>2010</b> , 59, 1154-5	19.2	13
17	Specificity of a Polyclonal Fecal Elastase ELISA for CELA3. <i>PLoS ONE</i> , <b>2016</b> , 11, e0159363	3.7	13
16	Irritable bowel syndrome, mental health, and quality of life: Data from a population-based survey in Germany (SHIP-Trend-0). <i>Neurogastroenterology and Motility</i> , <b>2019</b> , 31, e13511	4	13
15	ABO blood type B and fucosyltransferase 2 non-secretor status as genetic risk factors for chronic pancreatitis. <i>Gut</i> , <b>2016</b> , 65, 353-4	19.2	12
14	Advances in the etiology of chronic pancreatitis. <i>Digestive Diseases</i> , <b>2010</b> , 28, 324-9	3.2	12
13	Association analysis of genetic variants in the myosin IXB gene in acute pancreatitis. <i>PLoS ONE</i> , <b>2013</b> , 8, e85870	3.7	11
12	Fatal cerebro-renal oxalosis after appendectomy. <i>International Journal of Legal Medicine</i> , <b>2004</b> , 118, 98-100	10	11
11	Germline mutations and gene polymorphism associated with human pancreatitis. <i>Endocrinology and Metabolism Clinics of North America</i> , <b>2006</b> , 35, 289-302, viii-ix	5.5	10
10	Local clustering of PRSS1 R122H mutations in hereditary pancreatitis patients from Northern Germany. <i>American Journal of Gastroenterology</i> , <b>2008</b> , 103, 2585-8	0.7	9
9	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. <i>Gut</i> , <b>2021</b> , 70, 2150-2158	19.2	6
8	Functional characterisation of the CFTR mutations M348V and A1087P from patients with pancreatitis suggests functional interaction between CFTR monomers. <i>Gut</i> , <b>2009</b> , 58, 733-4	19.2	5
7	Acute Pancreatitis: Genetic Risk and Clinical Implications. <i>Journal of Clinical Medicine</i> , <b>2021</b> , 10,	5.1	4
6	Experimental pancreatitis is characterized by rapid T cell activation, Th2 differentiation that parallels disease severity, and improvement after CD4 T cell depletion. <i>Pancreatology</i> , <b>2020</b> , 20, 1637-1647	3.8	2
5	Surgical trauma leads to a shorter survival in a murine orthotopic pancreatic cancer model. <i>European Surgical Research</i> , <b>2015</b> , 54, 87-94	1.1	1

4	Variations in trypsinogen expression may influence the protective effect of the p.G191R PRSS2 variant in chronic pancreatitis. <i>Gut</i> , <b>2009</b> , 58, 749-50	19.2	1
3	Liver injury and genetic polymorphisms in the cytochrome P450 and UDP-glucuronosyltransferase genes. <i>Archives of Toxicology</i> , <b>2016</b> , 90, 229-30	5.8	
2	Diagnostic workup of patients with pancreatic diseases. <i>European Surgery - Acta Chirurgica Austriaca</i> , <b>2009</b> , 41, 268-279	0.9	
1	Chronische Pankreatitis: Pathogenese, molekulare Pathophysiologie und genetische Veränderungen. <i>Visceral Medicine</i> , <b>2001</b> , 17, 278-281	2.4	