Sina Bartfeld

List of Publications by Year
in descending order

42	5,506	201674 27	330143 37
papers	citations	h-index	g-index

47	47	47	8655
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Prospective Derivation of a Living Organoid Biobank of Colorectal Cancer Patients. Cell, 2015, 161, 933-945.	28.9	1,710
2	InÂVitro Expansion of Human Gastric Epithelial Stem Cells and Their Responses to Bacterial Infection. Gastroenterology, 2015, 148, 126-136.e6.	1.3	595
3	Differentiated Troy+ Chief Cells Act as Reserve Stem Cells to Generate All Lineages of the Stomach Epithelium. Cell, 2013, 155, 357-368.	28.9	445
4	A Comprehensive Human Gastric Cancer Organoid Biobank Captures Tumor Subtype Heterogeneity and Enables Therapeutic Screening. Cell Stem Cell, 2018, 23, 882-897.e11.	11.1	445
5	Tissue-Resident Adult Stem Cell Populations of Rapidly Self-Renewing Organs. Cell Stem Cell, 2010, 7, 656-670.	11.1	307
6	A novel human gastric primary cell culture system for modellingHelicobacter pyloriinfection in vitro. Gut, 2016, 65, 202-213.	12.1	195
7	The Type III Secretion Effector NleE Inhibits NF-ÎºB Activation. PLoS Pathogens, 2010, 6, e1000743.	4.7	156
8	Stem cell-derived organoids and their application for medical research and patient treatment. Journal of Molecular Medicine, 2017, 95, 729-738.	3.9	147
9	ALPK1- and TIFA-Dependent Innate Immune Response Triggered by the Helicobacter pylori Type IV Secretion System. Cell Reports, 2017, 20, 2384-2395.	6.4	139
10	Generation of L Cells in Mouse and Human Small Intestine Organoids. Diabetes, 2014, 63, 410-420.	0.6	118
11	Autoregulation of Th1-mediated inflammation by twist1 . Journal of Experimental Medicine, 2008, 205, 1889-1901.	8.5	96
12	Organoids as Model for Infectious Diseases: Culture of Human and Murine Stomach Organoids and Microinjection of Helicobacter Pylori. Journal of Visualized Experiments, 2015, , .	0.3	93
13	The neonatal window of opportunityâ€"early priming for life. Journal of Allergy and Clinical Immunology, 2018, 141, 1212-1214.	2.9	87
14	The Helicobacter pylori Virulence Effector CagA Abrogates Human Î²-Defensin 3 Expression via Inactivation of EGFR Signaling. Cell Host and Microbe, 2012, 11, 576-586.	11.0	86
15	Modeling infectious diseases and host-microbe interactions in gastrointestinal organoids. Developmental Biology, 2016, 420, 262-270.	2.0	85
16	Helicobacter pyloriouter membrane protein HopQ identified as a novel T4SS-associated virulence factor. Cellular Microbiology, 2013, 15, n/a-n/a.	2.1	84
17	The ALPK1/TIFA/NF-ÎºB axis links a bacterial carcinogen to R-loop-induced replication stress. Nature Communications, 2020, 11, 5117.	12.8	67
18	Helicobacterpylori-induced modification of the histone H3 phosphorylation status in gastric epithelial cells reflects its impact on cell cycle regulation. Epigenetics, 2009, 4, 577-586.	2.7	63

#	Article	IF	Citations
19	Temporal resolution of two-tracked NF-Î¹B activation byLegionella pneumophila. Cellular Microbiology, 2009, 11, 1638-1651.	2.1	62
20	Location-specific cell identity rather than exposure to GI microbiota defines many innate immune signalling cascades in the gut epithelium. Gut, 2021, 70, 687-697.	12.1	61
21	Helicobacter pylori HP0518 affects flagellin glycosylation to alter bacterial motility. Molecular Microbiology, 2010, 78, 1130-1144.	2.5	49
22	Nanoparticle binding attenuates the pathobiology of gastric cancer-associated Helicobacter pylori. Nanoscale, 2018, 10, 1453-1463.	5.6	45
23	Asymmetric distribution of TLR3 leads to a polarized immune response in human intestinal epithelial cells. Nature Microbiology, 2020, 5, 181-191.	13.3	45
24	High-throughput and single-cell imaging of NF-Î¹B oscillations using monoclonal cell lines. BMC Cell Biology, 2010, 11, 21.	3.0	44
25	Organoids as host models for infection biology â€“ a review of methods. Experimental and Molecular Medicine, 2021, 53, 1471-1482.	7.7	39
26	Gastric Organoids: An Emerging Model System to Study Helicobacter pylori Pathogenesis. Current Topics in Microbiology and Immunology, 2017, 400, 149-168.	1.1	34
27	Analysis of Cell Type-Specific Responses Mediated by the Type IV Secretion System of Helicobacter pylori. Infection and Immunity, 2005, 73, 4643-4652.	2.2	33
28	Adult gastric stem cells and their niches. Wiley Interdisciplinary Reviews: Developmental Biology, 2017, 6, e261.	5.9	31
29	H. pyloriselectively blocks EGFR endocytosis via the non-receptor kinase c-Abl and CagA. Cellular Microbiology, 2009, 11, 156-169.	2.1	28
30	How bacterial pathogens of the gastrointestinal tract use the mucosal glyco-code to harness mucus and microbiota: New ways to study an ancient bag of tricks. International Journal of Medical Microbiology, 2020, 310, 151392.	3.6	28
31	Activation of NF-Î¹B by Neisseria gonorrhoeae is associated with microcolony formation and type IV pilus retraction. Cellular Microbiology, 2011, 13, 1168-1182.	2.1	25
32	Establishing Pure Cancer Organoid Cultures: Identification, Selection and Verification of Cancer Phenotypes and Genotypes. Journal of Molecular Biology, 2019, 431, 2884-2893.	4.2	21
33	Ephrin receptor A2, the epithelial receptor for Epstein-Barr virus entry, is not available for efficient infection in human gastric organoids. PLoS Pathogens, 2021, 17, e1009210.	4.7	16
34	Gastrointestinal epithelial innate immunityâ€"regionalization and organoids as new model. Journal of Molecular Medicine, 2021, 99, 517-530.	3.9	13
35	Realizing the potential of organoidsâ€"an interview with Hans Clevers. Journal of Molecular Medicine, 2021, 99, 443-447.	3.9	6
36	3.5 Aus Stammzellen abgeleitete Organoide und ihre Bedeutung fÃ¼r die biomedizinische Forschung und Therapie. , 2018, , 90-96.		2

#	Article	IF	Citations
37	Immune cell-stem cell interactions in regeneration and repair: who's calling the shots?. Development (Cambridge), 2022, 149, .	2.5	1
38	Cover Image, Volume 6, Issue 2. Wiley Interdisciplinary Reviews: Developmental Biology, 2017, 6, e268.	5.9	0
39	Organoids: ready for the revolution?. Journal of Molecular Medicine, 2021, 99, 441-442.	3.9	0
40	ALPK1 and TIFA Dependent Innate Immune Response Triggered by the <i>Helicobacter pylori </i>Type IV Secretion System. SSRN Electronic Journal, 0, , .	0.4	0
41	2. Organoide in Forschung und Anwendung: eine EinfÃ¼hrung. , 2020, , 44-76.		0
42	3.8 Die zellulÃre Grenzschicht im Magen-Darm-Trakt und ihre Funktion in der Immunabwehr: Organoide als Modell des gastrointestinalen Epithels. , 2020, , 138-148.		0