

Sina Bartfeld

List of Publications by Year in descending order

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Version: 2024-02-01

42
papers

5,506
citations

201385

27
h-index

329751

37
g-index

47
all docs

47
docs citations

47
times ranked

8655
citing authors

#	ARTICLE	IF	CITATIONS
1	Prospective Derivation of a Living Organoid Biobank of Colorectal Cancer Patients. <i>Cell</i> , 2015, 161, 933-945.	13.5	1,710
2	In Vitro Expansion of Human Gastric Epithelial Stem Cells and Their Responses to Bacterial Infection. <i>Gastroenterology</i> , 2015, 148, 126-136.e6.	0.6	595
3	Differentiated Trophoblast Stem Cells Act as Reserve Stem Cells to Generate All Lineages of the Stomach Epithelium. <i>Cell</i> , 2013, 155, 357-368.	13.5	445
4	A Comprehensive Human Gastric Cancer Organoid Biobank Captures Tumor Subtype Heterogeneity and Enables Therapeutic Screening. <i>Cell Stem Cell</i> , 2018, 23, 882-897.e11.	5.2	445
5	Tissue-Resident Adult Stem Cell Populations of Rapidly Self-Renewing Organs. <i>Cell Stem Cell</i> , 2010, 7, 656-670.	5.2	307
6	A novel human gastric primary cell culture system for modelling <i>Helicobacter pylori</i> infection in vitro. <i>Gut</i> , 2016, 65, 202-213.	6.1	195
7	The Type III Secretion Effector NleE Inhibits NF- κ B Activation. <i>PLoS Pathogens</i> , 2010, 6, e1000743.	2.1	156
8	Stem cell-derived organoids and their application for medical research and patient treatment. <i>Journal of Molecular Medicine</i> , 2017, 95, 729-738.	1.7	147
9	ALPK1- and TIFA-Dependent Innate Immune Response Triggered by the <i>Helicobacter pylori</i> Type IV Secretion System. <i>Cell Reports</i> , 2017, 20, 2384-2395.	2.9	139
10	Generation of L Cells in Mouse and Human Small Intestine Organoids. <i>Diabetes</i> , 2014, 63, 410-420.	0.3	118
11	Autoregulation of Th1-mediated inflammation by <i>twist1</i> . <i>Journal of Experimental Medicine</i> , 2008, 205, 1889-1901.	4.2	96
12	Organoids as Model for Infectious Diseases: Culture of Human and Murine Stomach Organoids and Microinjection of <i>Helicobacter Pylori</i> . <i>Journal of Visualized Experiments</i> , 2015, , .	0.2	93
13	The neonatal window of opportunity "early priming for life. <i>Journal of Allergy and Clinical Immunology</i> , 2018, 141, 1212-1214.	1.5	87
14	The <i>Helicobacter pylori</i> Virulence Effector CagA Abrogates Human β -Defensin 3 Expression via Inactivation of EGFR Signaling. <i>Cell Host and Microbe</i> , 2012, 11, 576-586.	5.1	86
15	Modeling infectious diseases and host-microbe interactions in gastrointestinal organoids. <i>Developmental Biology</i> , 2016, 420, 262-270.	0.9	85
16	<i>Helicobacter pylori</i> outer membrane protein HopQ identified as a novel T4SS-associated virulence factor. <i>Cellular Microbiology</i> , 2013, 15, n/a-n/a.	1.1	84
17	The ALPK1/TIFA/NF- κ B axis links a bacterial carcinogen to R-loop-induced replication stress. <i>Nature Communications</i> , 2020, 11, 5117.	5.8	67
18	<i>Helicobacter pylori</i> -induced modification of the histone H3 phosphorylation status in gastric epithelial cells reflects its impact on cell cycle regulation. <i>Epigenetics</i> , 2009, 4, 577-586.	1.3	63

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19	Temporal resolution of two-tracked NF- κ B activation by <i>Legionella pneumophila</i> . Cellular Microbiology, 2009, 11, 1638-1651.	1.1	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.	6.1	61
21	<i>Helicobacter pylori</i> HP0518 affects flagellin glycosylation to alter bacterial motility. Molecular Microbiology, 2010, 78, 1130-1144.	1.2	49
22	Nanoparticle binding attenuates the pathobiology of gastric cancer-associated <i>Helicobacter pylori</i> . Nanoscale, 2018, 10, 1453-1463.	2.8	45
23	Asymmetric distribution of TLR3 leads to a polarized immune response in human intestinal epithelial cells. Nature Microbiology, 2020, 5, 181-191.	5.9	45
24	High-throughput and single-cell imaging of NF- κ B oscillations using monoclonal cell lines. BMC Cell Biology, 2010, 11, 21.	3.0	44
25	Organoids as host models for infection biology – a review of methods. Experimental and Molecular Medicine, 2021, 53, 1471-1482.	3.2	39
26	Gastric Organoids: An Emerging Model System to Study <i>Helicobacter pylori</i> Pathogenesis. Current Topics in Microbiology and Immunology, 2017, 400, 149-168.	0.7	34
27	Analysis of Cell Type-Specific Responses Mediated by the Type IV Secretion System of <i>Helicobacter pylori</i> . Infection and Immunity, 2005, 73, 4643-4652.	1.0	33
28	Adult gastric stem cells and their niches. Wiley Interdisciplinary Reviews: Developmental Biology, 2017, 6, e261.	5.9	31
29	<i>H. pylori</i> selectively blocks EGFR endocytosis via the non-receptor kinase c-Abl and CagA. Cellular Microbiology, 2009, 11, 156-169.	1.1	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.	1.5	28
31	Activation of NF- κ B by <i>Neisseria gonorrhoeae</i> is associated with microcolony formation and type IV pilus retraction. Cellular Microbiology, 2011, 13, 1168-1182.	1.1	25
32	Establishing Pure Cancer Organoid Cultures: Identification, Selection and Verification of Cancer Phenotypes and Genotypes. Journal of Molecular Biology, 2019, 431, 2884-2893.	2.0	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.	2.1	16
34	Gastrointestinal epithelial innate immunity – regionalization and organoids as new model. Journal of Molecular Medicine, 2021, 99, 517-530.	1.7	13
35	Realizing the potential of organoids – an interview with Hans Clevers. Journal of Molecular Medicine, 2021, 99, 443-447.	1.7	6
36	3.5 Aus Stammzellen abgeleitete Organoide und ihre Bedeutung für 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, .	1.2	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.	1.7	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 Einführung. , 2020, , 44-76.		0
42	3.8 Die zelluläre Grenzschicht im Magen-Darm-Trakt und ihre Funktion in der Immunabwehr: Organoide als Modell des gastrointestinalen Epithels. , 2020, , 138-148.		0