

# Sina Bartfeld

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

38

papers

3,965

citations

26

h-index

47

g-index

47

ext. papers

4,851

ext. citations

10.7

avg, IF

5.33

L-index

#	Paper	IF	Citations
38	Organoids as host models for infection biology - a review of methods. <i>Experimental and Molecular Medicine</i> , <b>2021</b> , 53, 1471-1482	12.8	9
37	Location-specific cell identity rather than exposure to GI microbiota defines many innate immune signalling cascades in the gut epithelium. <i>Gut</i> , <b>2021</b> , 70, 687-697	19.2	26
36	Realizing the potential of organoids-an interview with Hans Clevers. <i>Journal of Molecular Medicine</i> , <b>2021</b> , 99, 443-447	5.5	0
35	Ephrin receptor A2, the epithelial receptor for Epstein-Barr virus entry, is not available for efficient infection in human gastric organoids. <i>PLoS Pathogens</i> , <b>2021</b> , 17, e1009210	7.6	4
34	Gastrointestinal epithelial innate immunity-regionalization and organoids as new model. <i>Journal of Molecular Medicine</i> , <b>2021</b> , 99, 517-530	5.5	3
33	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. <i>International Journal of Medical Microbiology</i> , <b>2020</b> , 310, 151392	3.7	18
32	Asymmetric distribution of TLR3 leads to a polarized immune response in human intestinal epithelial cells. <i>Nature Microbiology</i> , <b>2020</b> , 5, 181-191	26.6	27
31	The ALPK1/TIFA/NF- $\kappa$ B axis links a bacterial carcinogen to R-loop-induced replication stress. <i>Nature Communications</i> , <b>2020</b> , 11, 5117	17.4	21
30	Establishing Pure Cancer Organoid Cultures: Identification, Selection and Verification of Cancer Phenotypes and Genotypes. <i>Journal of Molecular Biology</i> , <b>2019</b> , 431, 2884-2893	6.5	12
29	The neonatal window of opportunity-early priming for life. <i>Journal of Allergy and Clinical Immunology</i> , <b>2018</b> , 141, 1212-1214	11.5	56
28	Nanoparticle binding attenuates the pathobiology of gastric cancer-associated Helicobacter pylori. <i>Nanoscale</i> , <b>2018</b> , 10, 1453-1463	7.7	39
27	A Comprehensive Human Gastric Cancer Organoid Biobank Captures Tumor Subtype Heterogeneity and Enables Therapeutic Screening. <i>Cell Stem Cell</i> , <b>2018</b> , 23, 882-897.e11	18	236
26	Gastric Organoids: An Emerging Model System to Study Helicobacter pylori Pathogenesis. <i>Current Topics in Microbiology and Immunology</i> , <b>2017</b> , 400, 149-168	3.3	31
25	Stem cell-derived organoids and their application for medical research and patient treatment. <i>Journal of Molecular Medicine</i> , <b>2017</b> , 95, 729-738	5.5	110
24	Adult gastric stem cells and their niches. <i>Wiley Interdisciplinary Reviews: Developmental Biology</i> , <b>2017</b> , 6, e261	5.9	19
23	ALPK1- and TIFA-Dependent Innate Immune Response Triggered by the Helicobacter pylori Type IV Secretion System. <i>Cell Reports</i> , <b>2017</b> , 20, 2384-2395	10.6	92
22	Cover Image, Volume 6, Issue 2. <i>Wiley Interdisciplinary Reviews: Developmental Biology</i> , <b>2017</b> , 6, e268	5.9	

21	Modeling infectious diseases and host-microbe interactions in gastrointestinal organoids. <i>Developmental Biology</i> , <b>2016</b> , 420, 262-270	3.1	69
20	A novel human gastric primary cell culture system for modelling <i>Helicobacter pylori</i> infection in vitro. <i>Gut</i> , <b>2016</b> , 65, 202-13	19.2	155
19	Prospective derivation of a living organoid biobank of colorectal cancer patients. <i>Cell</i> , <b>2015</b> , 161, 933-45	56.2	1215
18	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> , <b>2015</b> ,	1.6	60
17	In vitro expansion of human gastric epithelial stem cells and their responses to bacterial infection. <i>Gastroenterology</i> , <b>2015</b> , 148, 126-136.e6	13.3	419
16	Generation of L cells in mouse and human small intestine organoids. <i>Diabetes</i> , <b>2014</b> , 63, 410-20	0.9	96
15	<i>Helicobacter pylori</i> outer membrane protein HopQ identified as a novel T4SS-associated virulence factor. <i>Cellular Microbiology</i> , <b>2013</b> , 15, 1896-912	3.9	69
14	Differentiated Troy+ chief cells act as reserve stem cells to generate all lineages of the stomach epithelium. <i>Cell</i> , <b>2013</b> , 155, 357-68	56.2	346
13	The <i>Helicobacter pylori</i> virulence effector CagA abrogates human $\alpha$ -defensin 3 expression via inactivation of EGFR signaling. <i>Cell Host and Microbe</i> , <b>2012</b> , 11, 576-86	23.4	76
12	Activation of NF- $\kappa$ B by <i>Neisseria gonorrhoeae</i> is associated with microcolony formation and type IV pilus retraction. <i>Cellular Microbiology</i> , <b>2011</b> , 13, 1168-82	3.9	23
11	<i>Helicobacter pylori</i> HP0518 affects flagellin glycosylation to alter bacterial motility. <i>Molecular Microbiology</i> , <b>2010</b> , 78, 1130-44	4.1	44
10	The type III secretion effector NleE inhibits NF-kappaB activation. <i>PLoS Pathogens</i> , <b>2010</b> , 6, e1000743	7.6	141
9	Tissue-resident adult stem cell populations of rapidly self-renewing organs. <i>Cell Stem Cell</i> , <b>2010</b> , 7, 656-708	708	261
8	High-throughput and single-cell imaging of NF-kappaB oscillations using monoclonal cell lines. <i>BMC Cell Biology</i> , <b>2010</b> , 11, 21		42
7	<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> , <b>2009</b> , 4, 577-86	5.7	52
6	<i>H. pylori</i> selectively blocks EGFR endocytosis via the non-receptor kinase c-Abl and CagA. <i>Cellular Microbiology</i> , <b>2009</b> , 11, 156-69	3.9	27
5	Temporal resolution of two-tracked NF-kappaB activation by <i>Legionella pneumophila</i> . <i>Cellular Microbiology</i> , <b>2009</b> , 11, 1638-51	3.9	57
4	Autoregulation of Th1-mediated inflammation by twist1. <i>Journal of Experimental Medicine</i> , <b>2008</b> , 205, 1889-901	16.6	75

- 3 Analysis of cell type-specific responses mediated by the type IV secretion system of *Helicobacter pylori*. *Infection and Immunity*, **2005**, 73, 4643-52 3-7 3<sup>1</sup>
- 2 ALPK1 and TIFA dependent innate immune response triggered by the *Helicobacter pylori* type IV secretion system 2
- 1 Stem Cells and Tissue Renewal31-41