Michael Sigal

List of Publications by Year
in descending order

28 papers	1,429 citations	623188 14 h-index	580395 25 g-index
29 all docs	29 docs citations	29 times ranked	2132 citing authors

#	Article	IF	Citations
1	Epigenetic modifier balances Mapk and Wnt signalling in differentiation of goblet and Paneth cells. Life Science Alliance, 2022, 5, e202101187.	1.3	6
2	Stem Cells, Helicobacter pylori, and Mutational Landscape: Utility of Preclinical Models to Understand Carcinogenesis and to Direct Management of Gastric Cancer. Gastroenterology, 2022, 162, 1067-1087.	0.6	21
3	BMP feed-forward loop promotes terminal differentiation in gastric glands and is interrupted by H. pylori-driven inflammation. Nature Communications, 2022, 13, 1577.	5.8	19
4	Soluble Urokinase Plasminogen Activator Receptor Levels Are Associated with Severity of Fibrosis in Patients with Primary Sclerosing Cholangitis. Journal of Clinical Medicine, 2022, 11, 2479.	1.0	2
5	Gastric stem cells promote inflammation and gland remodeling in response to Helicobacter pylori via <scp>Rspo3â€Lgr4</scp> axis. EMBO Journal, 2022, 41, .	3.5	13
6	Genomic aberrations after short-term exposure to colibactin-producing E. coli transform primary colon epithelial cells. Nature Communications, 2021, 12, 1003.	5.8	84
7	Epithelial response to IFNâ€Î³ promotes SARSâ€CoVâ€2 infection. EMBO Molecular Medicine, 2021, 13, e13191.	3.3	62
8	Defence and adaptation mechanisms of the intestinal epithelium upon infection. International Journal of Medical Microbiology, 2021, 311, 151486.	1.5	11
9	High Yap and Mll1 promote a persistent regenerative cell state induced by Notch signaling and loss of p53. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	3.3	16
10	The Role of Microbiota in Primary Sclerosing Cholangitis and Related Biliary Malignancies. International Journal of Molecular Sciences, 2021, 22, 6975.	1.8	22
11	Elevated Flt3L Predicts Long-Term Survival in Patients with High-Grade Gastroenteropancreatic Neuroendocrine Neoplasms. Cancers, 2021, 13, 4463.	1.7	2
12	29â€...Elevated Flt3L predicts long-term survival in patients with high-grade gastroenteropancreatic neuroendocrine neoplasms. , 2021, 9, A34-A34.		0
13	Microbe-Driven Genotoxicity in Gastrointestinal Carcinogenesis. International Journal of Molecular Sciences, 2020, 21, 7439.	1.8	10
14	Responses of gastric epithelial stem cells and their niche to Helicobacter pylori infection. Annals of Translational Medicine, 2020, 8, 568-568.	0.7	8
15	The Role of Wnt and R-spondin in the Stomach During Health and Disease. Biomedicines, 2019, 7, 44.	1.4	22
16	R-spondin 3 promotes stem cell recovery and epithelial regeneration in the colon. Nature Communications, 2019, 10, 4368.	5.8	91
17	R-spondin-3 induces secretory, antimicrobial Lgr5+ cells in the stomach. Nature Cell Biology, 2019, 21, 812-823.	4.6	53
18	R-spondin-3 reguliert die mukosale Wundheilung im Kontext einer Kolitis durch Rekrutierung differenzierter Zellen zum epithelialen Stammzellpool. Zeitschrift Fur Gastroenterologie, 2019, 57, .	0.2	0

#	Article	IF	Citations
19	Helicobacter pylori Depletes Cholesterol in Gastric Glands to Prevent Interferon Gamma Signaling and Escape the Inflammatory Response. Gastroenterology, 2018, 154, 1391-1404.e9.	0.6	98
20	Microbiome and Diseases: Colorectal Cancer. , 2018, , 231-249.		4
21	Stromal R-spondin orchestrates gastric epithelial stem cells and gland homeostasis. Nature, 2017, 548, 451-455.	13.7	159
22	Coevolution between the Human Microbiota and the Epithelial Immune System. Digestive Diseases, 2016, 34, 190-193.	0.8	12
23	603 Helicobacter pylori Activates Gastric Epithelial Stem Cell Through Direct Colonization of the Gastric Glands. Gastroenterology, 2015, 148, S-117.	0.6	0
24	Helicobacter pylori Activates and Expands Lgr5+ Stem Cells Through Direct Colonization of the Gastric Glands. Gastroenterology, 2015, 148, 1392-1404.e21.	0.6	199
25	Quantitative Imaging of Gut Microbiota Spatial Organization. Cell Host and Microbe, 2015, 18, 478-488.	5.1	359
26	Chemodetection and Destruction of Host Urea Allows Helicobacter pylori to Locate the Epithelium. Cell Host and Microbe, 2015, 18, 147-156.	5.1	141
27	Hepatoprotection in bile duct ligated mice mediated by darbepoetin-Î± is not caused by changes in hepatobiliary transporter expression. International Journal of Clinical and Experimental Pathology, 2013, 6, 80-90.	0.5	2
28	Darbepoetin-Î± inhibits the perpetuation of necro-inflammation and delays the progression of cholestatic fibrosis in mice. Laboratory Investigation, 2010, 90, 1447-1456.	1.7	12