Valerie Gaboriau-Routhiau

List of Publications by Year
in descending order

27 papers	6,009 citations	279798 23 h-index	501196 28 g-index
29 all docs	29 docs citations	29 times ranked	9585 citing authors

#	Article	IF	Citations
1	Intracellular offspring released from SFB filaments are flagellated. Nature Microbiology, 2020, 5, 34-39.	13.3	4
2	Microbiota Sensing by Mincle-Syk Axis in Dendritic Cells Regulates Interleukin-17 and -22 Production and Promotes Intestinal Barrier Integrity. Immunity, 2019, 50, 446-461.e9.	14.3	143
3	Modulation of the gut microbiota to improve innate resistance. Current Opinion in Immunology, 2018, 54, 137-144.	5.5	28
4	Segmented filamentous bacteria, Th17 inducers and helpers in a hostile world. Current Opinion in Microbiology, 2017, 35, 100-109.	5.1	72
5	Human Gut Symbiont Roseburia hominis Promotes and Regulates Innate Immunity. Frontiers in Immunology, 2017, 8, 1166.	4.8	128
6	Commensal microbiota influence systemic autoimmune responses. EMBO Journal, 2015, 34, 466-474.	7.8	93
7	Growth and host interaction of mouse segmented filamentous bacteria in vitro. Nature, 2015, 520, 99-103.	27.8	136
8	Diversification of memory B cells drives the continuous adaptation of secretory antibodies to gut microbiota. Nature Immunology, 2015, 16, 880-888.	14.5	192
9	The microbiota regulates type 2 immunity through RORÎ³t ⁺ T cells. Science, 2015, 349, 989-993.	12.6	709
10	Genome Sequence of â€œ Candidatus Arthromitusâ€•sp. Strain SFB-Mouse-NL, a Commensal Bacterium with a Key Role in Postnatal Maturation of Gut Immune Functions. Genome Announcements, 2014, 2, .	0.8	35
11	Segmented Filamentous Bacterium Uses Secondary and Tertiary Lymphoid Tissues to Induce Gut IgA and Specific T Helper 17 Cell Responses. Immunity, 2014, 40, 608-620.	14.3	280
12	Host interactions with Segmented Filamentous Bacteria: An unusual trade-off that drives the post-natal maturation of the gut immune system. Seminars in Immunology, 2013, 25, 342-351.	5.6	71
13	The Intestinal Microbiota Modulates the Anticancer Immune Effects of Cyclophosphamide. Science, 2013, 342, 971-976.	12.6	1,580
14	Role of microbiota in postnatal maturation of intestinal T-cell responses. Current Opinion in Gastroenterology, 2011, 27, 502-508.	2.3	26
15	Restricted Microbiota and Absence of Cognate TCR Antigen Leads to an Unbalanced Generation of Th17 Cells. Journal of Immunology, 2011, 186, 1531-1537.	0.8	67
16	Trade-Off between Bile Resistance and Nutritional Competence Drives Escherichia coli Diversification in the Mouse Gut. PLoS Genetics, 2011, 7, e1002107.	3.5	67
17	The immune system and the gut microbiota: friends or foes?. Nature Reviews Immunology, 2010, 10, 735-744.	22.7	582
18	The Key Role of Segmented Filamentous Bacteria in the Coordinated Maturation of Gut Helper T Cell Responses. Immunity, 2009, 31, 677-689.	14.3	1,252

#	Article	IF	Citations
19	Gnotobiotic Mouse Immune Response Induced byBifidobacteriumsp. Strains Isolated from Infants. Applied and Environmental Microbiology, 2008, 74, 660-666.	3.1	102
20	Dissecting the Genetic Components of Adaptation of Escherichia coli to the Mouse Gut. PLoS Genetics, 2008, 4, e2.	3.5	89
21	Stimulation of Immunity Without Alteration of Oral Tolerance in Mice Fed With Heat-Treated Fermented Infant Formula. Journal of Pediatric Gastroenterology and Nutrition, 2006, 43, 451-458.	1.8	13
22	In Vitro and ex Vivo Activation of the TLR5 Signaling Pathway in Intestinal Epithelial Cells by a Commensal Escherichia coli Strain. Journal of Biological Chemistry, 2004, 279, 42984-42992.	3.4	166
23	Gastric Helicobacter Infection Inhibits Development of Oral Tolerance to Food Antigens in Mice. Infection and Immunity, 2003, 71, 5219-5224.	2.2	24
24	Colonization of Gnotobiotic Mice with Human Gut Microflora at Birth Protects Against Escherichia coli Heat-Labile Enterotoxin-Mediated Abrogation of Oral Tolerance. Pediatric Research, 2003, 54, 739-746.	2.3	29
25	Influence of Resident Intestinal Microflora on the Development and Functions of the Gut-Associated Lymphoid Tissue. Microbial Ecology in Health and Disease, 2001, 13, 65-86.	3.5	24
26	Oral Tolerance to Ovalbumin in Mice: Induction and Long-Term Persistence Unaffected by Staphylococcus aureus Enterotoxin B and Clostridium perfringens Type A Enterotoxin. Pediatric Research, 1997, 42, 503-508.	2.3	12
27	Gut Flora Allows Recovery of Oral Tolerance to Ovalbumin in Mice after Transient Breakdown Mediated by Cholera Toxin or Escherichia coli Heat-Labile Enterotoxin. Pediatric Research, 1996, 39, 625-629.	2.3	60