

Alain P Gobert

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1214017/publications.pdf>

Version: 2024-02-01

93
papers

3,496
citations

117571

34
h-index

143943

57
g-index

93
all docs

93
docs citations

93
times ranked

4155
citing authors

#	ARTICLE	IF	CITATIONS
1	Protective Role of Spermidine in Colitis and Colon Carcinogenesis. <i>Gastroenterology</i> , 2022, 162, 813-827.e8.	0.6	40
2	Induction and Regulation of the Innate Immune Response in <i>Helicobacter pylori</i> Infection. <i>Cellular and Molecular Gastroenterology and Hepatology</i> , 2022, 13, 1347-1363.	2.3	19
3	Cystathionine β -lyase exacerbates <i>Helicobacter pylori</i> immunopathogenesis by promoting macrophage metabolic remodeling and activation. <i>JCI Insight</i> , 2022, 7, .	2.3	8
4	Dicarbonyl Electrophiles Mediate Inflammation-Induced Gastrointestinal Carcinogenesis. <i>Gastroenterology</i> , 2021, 160, 1256-1268.e9.	0.6	17
5	678 CYSTATHIONINE GAMMA LYASE (CTH) IS A MASTER REGULATOR OF MACROPHAGE IMMUNOMETABOLISM IN THE RESPONSE TO <i>HELICOBACTER PYLORI</i> . <i>Gastroenterology</i> , 2021, 160, S-133-S-134.	0.6	0
6	The role of polyamines in gastric cancer. <i>Oncogene</i> , 2021, 40, 4399-4412.	2.6	19
7	CCL11 exacerbates colitis and inflammation-associated colon tumorigenesis. <i>Oncogene</i> , 2021, 40, 6540-6546.	2.6	25
8	The role of polyamines in the regulation of macrophage polarization and function. <i>Amino Acids</i> , 2020, 52, 151-160.	1.2	93
9	Sa1669 A SCAVENGER OF ELECTROPHILES REDUCES COLITIS-ASSOCIATED CARCINOGENESIS. <i>Gastroenterology</i> , 2020, 158, S-375-S-376.	0.6	0
10	Tu1289 MACROPHAGE CYSTATHIONINE GAMMA-LYASE CONTRIBUTES TO EXPERIMENTAL COLITIS IN A STIMULUS-DEPENDENT MANNER. <i>Gastroenterology</i> , 2020, 158, S-1045.	0.6	0
11	Hypusination Orchestrates the Antimicrobial Response of Macrophages. <i>Cell Reports</i> , 2020, 33, 108510.	2.9	23
12	Spermine oxidase mediates <i>Helicobacter pylori</i> -induced gastric inflammation, DNA damage, and carcinogenic signaling. <i>Oncogene</i> , 2020, 39, 4465-4474.	2.6	46
13	17 TALIN-1 IS A NOVEL REGULATOR OF THE MACROPHAGE HOST RESPONSE TO <i>HELICOBACTER PYLORI</i> . <i>Gastroenterology</i> , 2020, 158, S-7.	0.6	0
14	1093 SPERMIDINE PROTECTS FROM COLITIS AND COLITIS-ASSOCIATED CARCINOGENESIS. <i>Gastroenterology</i> , 2020, 158, S-212.	0.6	0
15	Interplay between enterohaemorrhagic <i>Escherichia coli</i> and nitric oxide during the infectious process. <i>Emerging Microbes and Infections</i> , 2020, 9, 1065-1076.	3.0	3
16	1132 “ The Macrophage Reverse Transsulfuration Pathway Mediates <i>Helicobacter Pylori</i> Immunopathogenesis by Regulating Polyamine Metabolism. <i>Gastroenterology</i> , 2019, 156, S-239-S-240.	0.6	0
17	1131 “ Spermine Oxidase Deletion Confers Protection from <i>Helicobacter Pylori</i> -Induced Gastric Inflammation and Dna Damage. <i>Gastroenterology</i> , 2019, 156, S-239.	0.6	1
18	Dietary Arginine Regulates Severity of Experimental Colitis and Affects the Colonic Microbiome. <i>Frontiers in Cellular and Infection Microbiology</i> , 2019, 9, 66.	1.8	58

#	ARTICLE	IF	CITATIONS
19	Î±-Difluoromethylornithine reduces gastric carcinogenesis by causing mutations in <i>Helicobacter pylori</i> <i>cagY</i> . Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 5077-5085.	3.3	24
20	Bacterial Pathogens Hijack the Innate Immune Response by Activation of the Reverse Transsulfuration Pathway. MBo, 2019, 10, .	1.8	20
21	Loss of solute carrier family 7 member 2 exacerbates inflammation-associated colon tumorigenesis. Oncogene, 2019, 38, 1067-1079.	2.6	41
22	Epidermal growth factor receptor inhibition downregulates <i>Helicobacter pylori</i> -induced epithelial inflammatory responses, DNA damage and gastric carcinogenesis. Gut, 2018, 67, 1247-1260.	6.1	63
23	Helicobacter: Inflammation, immunology, and vaccines. Helicobacter, 2018, 23, e12517.	1.6	34
24	Tu1283 - NADPH Oxidase 2 is a Source of Reactive Oxygen Species in Macrophages During Helicobacter Pylori Infection. Gastroenterology, 2018, 154, S-923.	0.6	0
25	Ornithine Decarboxylase in Macrophages Exacerbates Colitis and Promotes Colitis-Associated Colon Carcinogenesis by Impairing M1 Immune Responses. Cancer Research, 2018, 78, 4303-4315.	0.4	55
26	1076 - Difluoromethylornithine Reduces Helicobacter Pylori Virulence and Induction of Inflammation and Carcinogenesis. Gastroenterology, 2018, 154, S-208.	0.6	0
27	Mo1984 - A Scavenger of Bifunctional Electrophiles Reduces Helicobacter Pylori -Induced Gastric Cancer. Gastroenterology, 2018, 154, S-872.	0.6	0
28	Distinct Immunomodulatory Effects of Spermine Oxidase in Colitis Induced by Epithelial Injury or Infection. Frontiers in Immunology, 2018, 9, 1242.	2.2	35
29	Su1949 - Dietary Arginine Supplementation Modulates the Colonic Microbiome and Improves Colitis Induced by C. Rodentium or Dextran Sulfate Sodium. Gastroenterology, 2018, 154, S-643.	0.6	0
30	Tu1857 - Ornithine Decarboxylase in Macrophages Exacerbates Acute Colitis and Colitis-Associated Carcinogenesis by Impairing M1 Innate Immune Responses. Gastroenterology, 2018, 154, S-1039.	0.6	2
31	BVES is required for maintenance of colonic epithelial integrity in experimental colitis by modifying intestinal permeability. Mucosal Immunology, 2018, 11, 1363-1374.	2.7	18
32	Ornithine decarboxylase regulates M1 macrophage activation and mucosal inflammation via histone modifications. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, E751-E760.	3.3	150
33	Human and Helicobacter pylori Interactions Determine the Outcome of Gastric Diseases. Current Topics in Microbiology and Immunology, 2017, 400, 27-52.	0.7	29
34	Hypusination is a Master Regulator of Helicobacter Pylori -Mediated Induction of the Innate Immune Response. Gastroenterology, 2017, 152, S667.	0.6	0
35	Effect of CO2 on Peroxynitrite-Mediated Bacteria Killing: Response to Tsikas et al.. Trends in Microbiology, 2017, 25, 602-603.	3.5	1
36	Inhibition of Epidermal Growth Factor Receptor Activation as a Strategy to Prevent Helicobacter Pylori -Induced Epithelial Inflammatory Responses, DNA Damage, and Gastric Carcinogenesis. Gastroenterology, 2017, 152, S165.	0.6	0

#	ARTICLE	IF	CITATIONS
37	Induction of the Cystathionine $\hat{3}$ -Lyase/Hydrogen Sulfide System by <i>Helicobacter Pylori</i> Contributes to Macrophage Activation. <i>Gastroenterology</i> , 2017, 152, S667.	0.6	0
38	<i>Trypanosoma musculi</i> Infection in Mice Critically Relies on Mannose Receptor-Mediated Arginase Induction by a <i>Tb</i> KHC1 Kinesin H Chain Homolog. <i>Journal of Immunology</i> , 2017, 199, 1762-1771.	0.4	10
39	Polyamine- and NADPH-dependent generation of ROS during <i>Helicobacter pylori</i> infection: A blessing in disguise. <i>Free Radical Biology and Medicine</i> , 2017, 105, 16-27.	1.3	54
40	The NAG Sensor NagC Regulates LEE Gene Expression and Contributes to Gut Colonization by <i>Escherichia coli</i> O157:H7. <i>Frontiers in Cellular and Infection Microbiology</i> , 2017, 7, 134.	1.8	22
41	The L-Arginine Transporter Solute Carrier Family 7 Member 2 Mediates the Immunopathogenesis of Attaching and Effacing Bacteria. <i>PLoS Pathogens</i> , 2016, 12, e1005984.	2.1	24
42	The human intestinal microbiota of constipated-predominant irritable bowel syndrome patients exhibits anti-inflammatory properties. <i>Scientific Reports</i> , 2016, 6, 39399.	1.6	82
43	10 Deletion of the L-Arginine Transporter Solute Carrier Family 7, Member 2 (SLC7A2) Results in Increased Abundance of Firmicutes and Associated Protection From <i>Citrobacter rodentium</i> Colitis. <i>Gastroenterology</i> , 2016, 150, S3-S4.	0.6	0
44	Su1892 Epithelial Solute Carrier 7A2 Is Required for Attachment of the Colonic Pathogen <i>Citrobacter Rodentium</i> and Pro-Inflammatory Responses. <i>Gastroenterology</i> , 2016, 150, S581.	0.6	0
45	A secretome view of colonisation factors in Shiga toxin-encoding <i>Escherichia coli</i> (STEC): from enterohaemorrhagic <i>E. coli</i> (EHEC) to related enteropathotypes. <i>FEMS Microbiology Letters</i> , 2016, 363, fnw179.	0.7	29
46	Tu1411 Spermine Oxidase Mediates the Epithelial Innate Immune Response to Attaching and Effacing Enteric Bacteria. <i>Gastroenterology</i> , 2016, 150, S898.	0.6	0
47	8 The Intestinal Microbiota of Irritable Bowel Syndrome Patients Attenuates DSS-Induced Colitis. <i>Gastroenterology</i> , 2016, 150, S3.	0.6	0
48	The Immune Battle against <i>Helicobacter pylori</i> Infection: NO Offense. <i>Trends in Microbiology</i> , 2016, 24, 366-376.	3.5	52
49	NsrR, GadE, and GadX Interplay in Repressing Expression of the <i>Escherichia coli</i> O157:H7 LEE Pathogenicity Island in Response to Nitric Oxide. <i>PLoS Pathogens</i> , 2014, 10, e1003874.	2.1	64
50	Heme Oxygenase-1 Dysregulates Macrophage Polarization and the Immune Response to <i>Helicobacter pylori</i> . <i>Journal of Immunology</i> , 2014, 193, 3013-3022.	0.4	65
51	99 Polyamines Mediate <i>Helicobacter priori</i> -Induced Gastric Carcinogenesis in Gerbils. <i>Gastroenterology</i> , 2013, 144, S-23.	0.6	0
52	101 Ornithine Decarboxylase Disrupts Host Immune Tolerance in <i>Helicobacter pylori</i> Infection by Attenuating Macrophage Production of TGF- $\hat{2}$ and Nitric Oxide. <i>Gastroenterology</i> , 2013, 144, S-24.	0.6	0
53	The c-di-GMP phosphodiesterase VmpA absent in <i>Escherichia coli</i> K12 strains affects motility and biofilm formation in the enterohemorrhagic O157:H7 serotype. <i>Veterinary Immunology and Immunopathology</i> , 2013, 152, 132-140.	0.5	18
54	Haem oxygenase-1 inhibits phosphorylation of the <i>Helicobacter pylori</i> oncoprotein CagA in gastric epithelial cells. <i>Cellular Microbiology</i> , 2013, 15, 145-156.	1.1	26

#	ARTICLE	IF	CITATIONS
55	Editorial: Orchestration of macrophage polarization by polyamines. <i>Journal of Leukocyte Biology</i> , 2012, 91, 677-679.	1.5	8
56	619 The Helicobacter pylori Bacterial Oncoprotein CagA is Upregulated Following Adherence to Gastric Epithelial Cells. <i>Gastroenterology</i> , 2012, 142, S-121.	0.6	0
57	778 Attenuation of the Macrophage Inflammatory Response to Helicobacter pylori is Mediated by p38 MAPK-Dependent Induction of Heme Oxygenase-1. <i>Gastroenterology</i> , 2012, 142, S-139.	0.6	0
58	Arginine and polyamines in Helicobacter pylori-induced immune dysregulation and gastric carcinogenesis. <i>Amino Acids</i> , 2012, 42, 627-640.	1.2	58
59	Helicobacter pylori -Induced Epidermal Growth Factor Receptor Phosphorylation Upregulates Inducible Nitric Oxide Synthase Expression and Nitric Oxide Production in Macrophages. <i>Gastroenterology</i> , 2011, 140, S-310.	0.6	1
60	Spermine Oxidase Mediates the Gastric Cancer Risk Associated With Helicobacter pylori CagA. <i>Gastroenterology</i> , 2011, 141, 1696-1708.e2.	0.6	166
61	Heterozygous Deletion of Ornithine Decarboxylase Restores Host Defense and Ameliorates Skewed TH1/TH17 Adaptive Immune Responses in Helicobacter pylori Infection. <i>Gastroenterology</i> , 2011, 140, S-85-S-86.	0.6	0
62	Induction of Heat Shock Factor-1 by Helicobacter pylori Blocks NF- κ B Activation and the Innate Immune Response of Gastric Epithelial Cells. <i>Gastroenterology</i> , 2011, 140, S-86.	0.6	0
63	Heme Oxygenase-1 Inhibits CagA Phosphorylation in Helicobacter pylori -Infected Gastric Epithelial Cells. <i>Gastroenterology</i> , 2011, 140, S-125.	0.6	0
64	Cationic Amino Acid Transporter 2 Enhances Innate Immunity during Helicobacter pylori Infection. <i>PLoS ONE</i> , 2011, 6, e29046.	1.1	18
65	Immune Evasion by <i>Helicobacter pylori</i> Is Mediated by Induction of Macrophage Arginase II. <i>Journal of Immunology</i> , 2011, 186, 3632-3641.	0.4	80
66	Disruption of Nitric Oxide Signaling by <i>Helicobacter pylori</i> Results in Enhanced Inflammation by Inhibition of Heme Oxygenase-1. <i>Journal of Immunology</i> , 2011, 187, 5370-5379.	0.4	29
67	Methods to Evaluate Alterations in Polyamine Metabolism Caused by Helicobacter pylori Infection. <i>Methods in Molecular Biology</i> , 2011, 720, 409-425.	0.4	5
68	Helicobacter pylori Induces ERK-dependent Formation of a Phospho-c-Fos \hat{A} -c-Jun Activator Protein-1 Complex That Causes Apoptosis in Macrophages. <i>Journal of Biological Chemistry</i> , 2010, 285, 20343-20357.	1.6	69
69	Arginase II Restricts Host Defense to <i>Helicobacter pylori</i> by Attenuating Inducible Nitric Oxide Synthase Translation in Macrophages. <i>Journal of Immunology</i> , 2010, 184, 2572-2582.	0.4	76
70	263 Ornithine Decarboxylase Suppresses Inducible Nitric Oxide Synthase-Dependent Immune Response to Helicobacter pylori and Contributes to Persistence of Infection and Gastritis. <i>Gastroenterology</i> , 2010, 138, S-48-S-49.	0.6	0
71	654 Nitric Oxide Inhibits Helicobacter pylori-Induced Innate Immune Function of Gastric Epithelial Cells by a Heme Oxygenase-1-Dependent Pathway. <i>Gastroenterology</i> , 2010, 138, S-87.	0.6	0
72	Polyamines Impair Immunity to Helicobacter pylori by Inhibiting L-Arginine Uptake Required for Nitric Oxide Production. <i>Gastroenterology</i> , 2010, 139, 1686-1698.e6.	0.6	78

#	ARTICLE	IF	CITATIONS
73	Human Microbiota-Secreted Factors Inhibit Shiga Toxin Synthesis by Enterohemorrhagic <i>Escherichia coli</i> O157:H7. <i>Infection and Immunity</i> , 2009, 77, 783-790.	1.0	97
74	W1639 Inadequate Inflammatory Response of the Colonic Mucosa to Enterohemorrhagic <i>Escherichia coli</i> Infection. <i>Gastroenterology</i> , 2009, 136, A-707.	0.6	0
75	M1682 Intestinal Inflammation and Irritable Bowel Syndrome: An Unexpected Role of the Gut Microbiota. <i>Gastroenterology</i> , 2009, 136, A-409.	0.6	0
76	Modulation of chemokine gene expression by Shiga-toxin producing <i>Escherichia coli</i> belonging to various origins and serotypes. <i>Microbes and Infection</i> , 2008, 10, 159-165.	1.0	14
77	721 The Human Microbiota Inhibits Shiga-Toxin Synthesis By Enterohemorrhagic <i>Escherichia coli</i> . <i>Gastroenterology</i> , 2008, 134, A-103.	0.6	0
78	Differential expression of stx2 variants in Shiga toxin-producing <i>Escherichia coli</i> belonging to seropathotypes A and C. <i>Microbiology (United Kingdom)</i> , 2008, 154, 176-186.	0.7	73
79	Heme Oxygenase-1 Is a Critical Regulator of Nitric Oxide Production in Enterohemorrhagic <i>Escherichia coli</i> -Infected Human Enterocytes. <i>Journal of Immunology</i> , 2008, 180, 5720-5726.	0.4	40
80	Shiga Toxin Produced by Enterohemorrhagic <i>Escherichia coli</i> Inhibits PI3K/NF- κ B Signaling Pathway in Globotriaosylceramide-3-Negative Human Intestinal Epithelial Cells. <i>Journal of Immunology</i> , 2007, 178, 8168-8174.	0.4	75
81	Nitric oxide inhibits Shiga-toxin synthesis by enterohemorrhagic <i>Escherichia coli</i> . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007, 104, 10199-10204.	3.3	69
82	Spermine Causes Loss of Innate Immune Response to <i>Helicobacter pylori</i> by Inhibition of Inducible Nitric-oxide Synthase Translation. <i>Journal of Biological Chemistry</i> , 2005, 280, 2409-2412.	1.6	114
83	Mouse Strain Susceptibility to Trypanosome Infection: An Arginase-Dependent Effect. <i>Journal of Immunology</i> , 2004, 172, 6298-6303.	0.4	75
84	Protective Role of Arginase in a Mouse Model of Colitis. <i>Journal of Immunology</i> , 2004, 173, 2109-2117.	0.4	112
85	<i>Helicobacter pylori</i> Heat Shock Protein 60 Mediates Interleukin-6 Production by Macrophages via a Toll-like Receptor (TLR)-2-, TLR-4-, and Myeloid Differentiation Factor 88-independent Mechanism. <i>Journal of Biological Chemistry</i> , 2004, 279, 245-250.	1.6	151
86	Induction of Polyamine Oxidase 1 by <i>Helicobacter pylori</i> Causes Macrophage Apoptosis by Hydrogen Peroxide Release and Mitochondrial Membrane Depolarization. <i>Journal of Biological Chemistry</i> , 2004, 279, 40161-40173.	1.6	141
87	Arginases in parasitic diseases. <i>Trends in Parasitology</i> , 2003, 19, 9-12.	1.5	126
88	Cutting Edge: Cyclooxygenase-2 Activation Suppresses Th1 Polarization in Response to <i>Helicobacter pylori</i> . <i>Journal of Immunology</i> , 2003, 171, 3913-3917.	0.4	55
89	<i>Helicobacter pylori</i> Induces Macrophage Apoptosis by Activation of Arginase II. <i>Journal of Immunology</i> , 2002, 168, 4692-4700.	0.4	159
90	Cutting Edge: Urease Release by <i>Helicobacter pylori</i> Stimulates Macrophage Inducible Nitric Oxide Synthase. <i>Journal of Immunology</i> , 2002, 168, 6002-6006.	0.4	121

#	ARTICLE	IF	CITATIONS
91	L-Arginine Availability Modulates Local Nitric Oxide Production and Parasite Killing in Experimental Trypanosomiasis. <i>Infection and Immunity</i> , 2000, 68, 4653-4657.	1.0	145
92	Mechanism of Extracellular Thiol Nitrosylation by N2O3 Produced by Activated Macrophages. <i>Nitric Oxide - Biology and Chemistry</i> , 1999, 3, 467-472.	1.2	8
93	Murine Macrophages Use Oxygen- and Nitric Oxide-Dependent Mechanisms To Synthesize S-Nitroso-Albumin and To Kill Extracellular Trypanosomes. <i>Infection and Immunity</i> , 1998, 66, 4068-4072.	1.0	63