

Guillaume Dalmasso

List of Publications by Year in descending order

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Version: 2024-02-01

63
papers

9,985
citations

94269

37
h-index

118652

62
g-index

65
all docs

65
docs citations

65
times ranked

21456
citing authors

#	ARTICLE	IF	CITATIONS
1	Guidelines for the use and interpretation of assays for monitoring autophagy (3rd edition). <i>Autophagy</i> , 2016, 12, 1-222.	4.3	4,701
2	Orally delivered thioketal nanoparticles loaded with TNF- α siRNA target inflammation and inhibit gene expression in the intestines. <i>Nature Materials</i> , 2010, 9, 923-928.	13.3	595
3	Mutational signature in colorectal cancer caused by genotoxic pks+ <i>E. coli</i> . <i>Nature</i> , 2020, 580, 269-273.	13.7	587
4	Bacterial genotoxin colibactin promotes colon tumour growth by inducing a senescence-associated secretory phenotype. <i>Gut</i> , 2014, 63, 1932-1942.	6.1	354
5	Temporal and Spatial Analysis of Clinical and Molecular Parameters in Dextran Sodium Sulfate Induced Colitis. <i>PLoS ONE</i> , 2009, 4, e6073.	1.1	318
6	Crohn's Disease-Associated Adherent Invasive <i>Escherichia coli</i> Modulate Levels of microRNAs in Intestinal Epithelial Cells to Reduce Autophagy. <i>Gastroenterology</i> , 2014, 146, 508-519.	0.6	230
7	The bacterial genotoxin colibactin promotes colon tumor growth by modifying the tumor microenvironment. <i>Gut Microbes</i> , 2014, 5, 675-680.	4.3	206
8	Drug-Loaded Nanoparticles Targeted to the Colon With Polysaccharide Hydrogel Reduce Colitis in a Mouse Model. <i>Gastroenterology</i> , 2010, 138, 843-853.e2.	0.6	200
9	Colibactin: More Than a New Bacterial Toxin. <i>Toxins</i> , 2018, 10, 151.	1.5	159
10	<i>Saccharomyces boulardii</i> Interferes with Enterohemorrhagic <i>Escherichia coli</i> -Induced Signaling Pathways in T84 Cells. <i>Infection and Immunity</i> , 2003, 71, 766-773.	1.0	148
11	Microbiota Modulate Host Gene Expression via MicroRNAs. <i>PLoS ONE</i> , 2011, 6, e19293.	1.1	144
12	<i>Saccharomyces boulardii</i> Inhibits Inflammatory Bowel Disease by Trapping T Cells in Mesenteric Lymph Nodes. <i>Gastroenterology</i> , 2006, 131, 1812-1825.	0.6	138
13	Functional TNF α gene silencing mediated by polyethyleneimine/TNF α siRNA nanocomplexes in inflamed colon. <i>Biomaterials</i> , 2011, 32, 1218-1228.	5.7	136
14	<i>Lactobacillus casei</i> DN-114 001 inhibits the increase in paracellular permeability of enteropathogenic <i>Escherichia coli</i> -infected T84 cells. <i>Research in Microbiology</i> , 2005, 156, 256-262.	1.0	118
15	CD98 expression modulates intestinal homeostasis, inflammation, and colitis-associated cancer in mice. <i>Journal of Clinical Investigation</i> , 2011, 121, 1733-1747.	3.9	102
16	PepT1-Mediated Tripeptide KPV Uptake Reduces Intestinal Inflammation. <i>Gastroenterology</i> , 2008, 134, 166-178.	0.6	101
17	MicroRNA-7 Modulates CD98 Expression during Intestinal Epithelial Cell Differentiation. <i>Journal of Biological Chemistry</i> , 2010, 285, 1479-1489.	1.6	95
18	Interaction of <i>Saccharomyces boulardii</i> with <i>Salmonella enterica</i> Serovar Typhimurium Protects Mice and Modifies T84 Cell Response to the Infection. <i>PLoS ONE</i> , 2010, 5, e8925.	1.1	82

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19	Butyrate Transcriptionally Enhances Peptide Transporter PepT1 Expression and Activity. PLoS ONE, 2008, 3, e2476.	1.1	79
20	Nanomedicine in GI. American Journal of Physiology - Renal Physiology, 2011, 300, G371-G383.	1.6	78
21	Pathogenicity Factors of Genomic Islands in Intestinal and Extraintestinal Escherichia coli. Frontiers in Microbiology, 2020, 11, 2065.	1.5	77
22	Fragment-guided design of subnanomolar β -lactamase inhibitors active in vivo. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 17448-17453.	3.3	67
23	Small-molecule inhibitors prevent the genotoxic and protumoural effects induced by colibactin-producing bacteria. Gut, 2016, 65, 278-285.	6.1	67
24	The Vat-AIEC protease promotes crossing of the intestinal mucus layer by Crohn's disease-associated <i>Escherichia coli</i> . Cellular Microbiology, 2016, 18, 617-631.	1.1	64
25	Analysis of Structure-Function Relationships in the Colibactin-Maturing Enzyme ClbP. Journal of Molecular Biology, 2012, 424, 203-214.	2.0	63
26	PepT1 mediates transport of the proinflammatory bacterial tripeptide $\text{L-Ala}^3\text{-D-Glu-meso}$ in intestinal epithelial cells. American Journal of Physiology - Renal Physiology, 2010, 299, G687-G696.	1.6	59
27	Activation of the EIF2AK4-EIF2A/eIF2 β -ATF4 pathway triggers autophagy response to Crohn disease-associated adherent-invasive <i>Escherichia coli</i> infection. Autophagy, 2016, 12, 770-783.	4.3	54
28	MicroRNAs determine human intestinal epithelial cell fate. Differentiation, 2010, 80, 147-154.	1.0	53
29	MicroRNA-92b regulates expression of the oligopeptide transporter PepT1 in intestinal epithelial cells. American Journal of Physiology - Renal Physiology, 2011, 300, G52-G59.	1.6	53
30	Metabolic adaptation of adherent-invasive Escherichia coli to exposure to bile salts. Scientific Reports, 2019, 9, 2175.	1.6	53
31	Autophagy of Intestinal Epithelial Cells Inhibits Colorectal Carcinogenesis Induced by Colibactin-Producing Escherichia coli in Apc Mice. Gastroenterology, 2020, 158, 1373-1388.	0.6	53
32	Impact of CDT Toxin on Human Diseases. Toxins, 2016, 8, 220.	1.5	51
33	Saccharomyces boulardii prevents TNF α -induced apoptosis in EHEC-infected T84 cells. Research in Microbiology, 2006, 157, 456-465.	1.0	50
34	The PepT1 β -NOD2 Signaling Pathway Aggravates Induced Colitis in Mice. Gastroenterology, 2011, 141, 1334-1345.	0.6	50
35	AIEC infection triggers modification of gut microbiota composition in genetically predisposed mice, contributing to intestinal inflammation. Scientific Reports, 2018, 8, 12301.	1.6	50
36	Overexpression of Ste20-Related Proline/Alanine-Rich Kinase Exacerbates Experimental Colitis in Mice. Journal of Immunology, 2011, 187, 1496-1505.	0.4	39

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37	Leptin Transcriptionally Enhances Peptide Transporter (hPepT1) Expression and Activity via the cAMP-response Element-binding Protein and Cdx2 Transcription Factors. <i>Journal of Biological Chemistry</i> , 2007, 282, 1359-1373.	1.6	38
38	Adenosine 2B receptors (A _{2B} AR) on enteric neurons regulate murine distal colonic motility. <i>FASEB Journal</i> , 2009, 23, 2727-2734.	0.2	38
39	Nuclear Factor- κ B Is a Critical Mediator of Ste20-Like Proline-/Alanine-Rich Kinase Regulation in Intestinal Inflammation. <i>American Journal of Pathology</i> , 2008, 173, 1013-1028.	1.9	37
40	Notch1 Regulates the Effects of Matrix Metalloproteinase-9 on Colitis-Associated Cancer in Mice. <i>Gastroenterology</i> , 2011, 141, 1381-1392.	0.6	35
41	Pathogenic Bacteria Induce Colonic PepT1 Expression: An Implication in Host Defense Response. <i>Gastroenterology</i> , 2009, 137, 1435-1447.e2.	0.6	30
42	Adenosine 2B Receptor Expression Is Post-transcriptionally Regulated by MicroRNA. <i>Journal of Biological Chemistry</i> , 2010, 285, 18184-18190.	1.6	30
43	Chromosome-mediated OXA-48 carbapenemase in highly virulent <i>Escherichia coli</i> . <i>Journal of Antimicrobial Chemotherapy</i> , 2013, 68, 1558-1561.	1.3	30
44	Characterization of the human intestinal CD98 promoter and its regulation by interferon- β . <i>American Journal of Physiology - Renal Physiology</i> , 2007, 292, G535-G545.	1.6	28
45	ADAM-15/Metargidin Mediates Homotypic Aggregation of Human T Lymphocytes and Heterotypic Interactions of T Lymphocytes with Intestinal Epithelial Cells. <i>Journal of Biological Chemistry</i> , 2007, 282, 16948-16958.	1.6	27
46	Crohn's Disease-Associated Adherent-Invasive <i>Escherichia coli</i> Manipulate Host Autophagy by Impairing SUMOylation. <i>Cells</i> , 2019, 8, 35.	1.8	26
47	Ste20-Related Proline/Alanine-Rich Kinase (SPAK) Regulated Transcriptionally by Hyperosmolarity Is Involved in Intestinal Barrier Function. <i>PLoS ONE</i> , 2009, 4, e5049.	1.1	24
48	Exosomes transfer miRNAs from cell-to-cell to inhibit autophagy during infection with Crohn's disease-associated adherent-invasive <i>E. coli</i> . <i>Gut Microbes</i> , 2020, 11, 1677-1694.	4.3	22
49	Propionate catabolism by CD-associated adherent-invasive <i>E. coli</i> counteracts its anti-inflammatory effect. <i>Gut Microbes</i> , 2021, 13, 1-18.	4.3	22
50	Colibactin-Producing <i>Escherichia coli</i> Induce the Formation of Invasive Carcinomas in a Chronic Inflammation-Associated Mouse Model. <i>Cancers</i> , 2021, 13, 2060.	1.7	19
51	Carbapenem Resistance Conferred by OXA-48 in K2-ST86 Hypervirulent <i>Klebsiella pneumoniae</i> , France. <i>Emerging Infectious Diseases</i> , 2020, 26, 1529-1533.	2.0	18
52	Association of PepT1 with lipid rafts differently modulates its transport activity in polarized and nonpolarized cells. <i>American Journal of Physiology - Renal Physiology</i> , 2007, 293, G1155-G1165.	1.6	17
53	Ecto-Phosphorylation of CD98 Regulates Cell-Cell Interactions. <i>PLoS ONE</i> , 2008, 3, e3895.	1.1	16
54	Host Colonization as a Major Evolutionary Force Favoring the Diversity and the Emergence of the Worldwide Multidrug-Resistant <i>Escherichia coli</i> ST131. <i>MBio</i> , 2021, 12, e0145121.	1.8	13

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55	Intestinal epithelial cell-specific CD98 expression regulates tumorigenesis in ApcMin/+ mice. <i>Laboratory Investigation</i> , 2012, 92, 1203-1212.	1.7	9
56	MCR-1 in ESBL-producing <i>Escherichia coli</i> responsible for human infections in New Caledonia. <i>Journal of Antimicrobial Chemotherapy</i> , 2016, 72, dkw508.	1.3	8
57	Yersiniabactin Siderophore of Crohn's Disease-Associated Adherent-Invasive <i>Escherichia coli</i> Is Involved in Autophagy Activation in Host Cells. <i>International Journal of Molecular Sciences</i> , 2021, 22, 3512.	1.8	5
58	Evaluation of the efficiency of ceftazidime/ceftiofur combination against Enterobacteriaceae resistant to expanded-spectrum cephalosporins. <i>International Journal of Antimicrobial Agents</i> , 2015, 45, 86-87.	1.1	2
59	Differential miRNA-Gene Expression in M Cells in Response to Crohn's Disease-Associated AIEC. <i>Microorganisms</i> , 2020, 8, 1205.	1.6	2
60	214 Expression of hPepT1 Aggravates Intestinal Inflammation. <i>Gastroenterology</i> , 2009, 136, A-40.	0.6	1
61	Generation and characterization of hPepT1 transgenic mice. <i>FASEB Journal</i> , 2008, 22, 1183.6.	0.2	1
62	You See UC: An Animal Model of Ulcerative Colitis. <i>Gastroenterology</i> , 2008, 135, 2149-2150.	0.6	0
63	PepT1-mediated anti-inflammatory tripeptide (KPV) transport reduces intestinal inflammation. <i>FASEB Journal</i> , 2007, 21, A586.	0.2	0