

Marianne R Spalinger

List of Publications by Year in descending order

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Version: 2024-02-01

54
papers

1,777
citations

331670

21
h-index

302126

39
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57
all docs

57
docs citations

57
times ranked

2663
citing authors

#	ARTICLE	IF	CITATIONS
1	Hypoxia ameliorates intestinal inflammation through NLRP3/mTOR downregulation and autophagy activation. <i>Nature Communications</i> , 2017, 8, 98.	12.8	224
2	Titanium dioxide nanoparticles exacerbate DSS-induced colitis: role of the NLRP3 inflammasome. <i>Gut</i> , 2017, 66, 1216-1224.	12.1	223
3	NLRP3 tyrosine phosphorylation is controlled by protein tyrosine phosphatase PTPN22. <i>Journal of Clinical Investigation</i> , 2016, 126, 1783-1800.	8.2	171
4	PTPN22 regulates NLRP3-mediated IL1B secretion in an autophagy-dependent manner. <i>Autophagy</i> , 2017, 13, 1590-1601.	9.1	90
5	PTPN2 Regulates Inflammasome Activation and Controls Onset of Intestinal Inflammation and Colon Cancer. <i>Cell Reports</i> , 2018, 22, 1835-1848.	6.4	80
6	Bilberry-Derived Anthocyanins Modulate Cytokine Expression in the Intestine of Patients with Ulcerative Colitis. <i>PLoS ONE</i> , 2016, 11, e0154817.	2.5	71
7	Commensal Clostridiales strains mediate effective anti-cancer immune response against solid tumors. <i>Cell Host and Microbe</i> , 2021, 29, 1573-1588.e7.	11.0	71
8	PTPN2 Regulates Interactions Between Macrophages and Intestinal Epithelial Cells to Promote Intestinal Barrier Function. <i>Gastroenterology</i> , 2020, 159, 1763-1777.e14.	1.3	62
9	Loss of Protein Tyrosine Phosphatase Nonreceptor Type 22 Regulates Interferon- γ -Induced Signaling in Human Monocytes. <i>Gastroenterology</i> , 2013, 144, 978-988.e10.	1.3	46
10	β_6 -integrin serves as a novel serum tumor marker for colorectal carcinoma. <i>International Journal of Cancer</i> , 2019, 145, 678-685.	5.1	42
11	The EBI2-oxysterol axis promotes the development of intestinal lymphoid structures and colitis. <i>Mucosal Immunology</i> , 2019, 12, 733-745.	6.0	40
12	Protein Tyrosine Phosphatase Non-Receptor Type 22 Modulates NOD2-Induced Cytokine Release and Autophagy. <i>PLoS ONE</i> , 2013, 8, e72384.	2.5	38
13	Elevated oxysterol levels in human and mouse livers reflect nonalcoholic steatohepatitis. <i>Journal of Lipid Research</i> , 2019, 60, 1270-1283.	4.2	37
14	Prdx6 Deficiency Ameliorates DSS Colitis: Relevance of Compensatory Antioxidant Mechanisms. <i>Journal of Crohn's and Colitis</i> , 2017, 11, 871-884.	1.3	35
15	The presence of genetic risk variants within PTPN2 and PTPN22 is associated with intestinal microbiota alterations in Swiss IBD cohort patients. <i>PLoS ONE</i> , 2018, 13, e0199664.	2.5	35
16	BTK operates a phospho-tyrosine switch to regulate NLRP3 inflammasome activity. <i>Journal of Experimental Medicine</i> , 2021, 218, .	8.5	33
17	Role of Protein Tyrosine Phosphatases in Regulating the Immune System. <i>Inflammatory Bowel Diseases</i> , 2015, 21, 645-655.	1.9	32
18	The JAK Inhibitor Tofacitinib Rescues Intestinal Barrier Defects Caused by Disrupted Epithelial-macrophage Interactions. <i>Journal of Crohn's and Colitis</i> , 2021, 15, 471-484.	1.3	30

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19	Protein tyrosine phosphatase non-receptor type 2 and inflammatory bowel disease. <i>World Journal of Gastroenterology</i> , 2016, 22, 1034.	3.3	28
20	Crohn's Disease: Loss of Tolerance or a Disorder of Autophagy?. <i>Digestive Diseases</i> , 2014, 32, 370-377.	1.9	23
21	Loss of PTPN22 abrogates the beneficial effect of cohousing-mediated fecal microbiota transfer in murine colitis. <i>Mucosal Immunology</i> , 2019, 12, 1336-1347.	6.0	21
22	Ingested nano- and micro-sized polystyrene particles surpass the intestinal barrier and accumulate in the body. <i>NanoImpact</i> , 2022, 25, 100374.	4.5	20
23	Stepwise Development of an in vitro Continuous Fermentation Model for the Murine Caecal Microbiota. <i>Frontiers in Microbiology</i> , 2019, 10, 1166.	3.5	19
24	Administration of the Hyper-immune Bovine Colostrum Extract IMM-124E Ameliorates Experimental Murine Colitis. <i>Journal of Crohn's and Colitis</i> , 2019, 13, 785-797.	1.3	19
25	T cell protein tyrosine phosphatase protects intestinal barrier function by restricting epithelial tight junction remodeling. <i>Journal of Clinical Investigation</i> , 2021, 131, .	8.2	18
26	Protein tyrosine phosphatase nonreceptor type 2 controls colorectal cancer development. <i>Journal of Clinical Investigation</i> , 2021, 131, .	8.2	16
27	Protein tyrosine phosphatase non-receptor type 22 modulates colitis in a microbiota-dependent manner. <i>Journal of Clinical Investigation</i> , 2019, 129, 2527-2541.	8.2	15
28	Protein Tyrosine Phosphatase Non-Receptor Type 2 Function in Dendritic Cells Is Crucial to Maintain Tissue Tolerance. <i>Frontiers in Immunology</i> , 2020, 11, 1856.	4.8	14
29	Transplantation of Human Intestine Into the Mouse: A Novel Platform for Study of Inflammatory Enterocutaneous Fistulas. <i>Journal of Crohn's and Colitis</i> , 2019, 13, 798-806.	1.3	13
30	A Novel OGR1 (GPR68) Inhibitor Attenuates Inflammation in Murine Models of Colitis. <i>Inflammatory Intestinal Diseases</i> , 2021, 6, 140-153.	1.9	13
31	The autoimmune susceptibility gene, <i>PTPN2</i> , restricts expansion of a novel mouse adherent-invasive <i>E. coli</i> . <i>Gut Microbes</i> , 2020, 11, 1547-1566.	9.8	12
32	Deficiency of Protein Tyrosine Phosphatase Non-Receptor Type 2 in Intestinal Epithelial Cells Has No Appreciable Impact on Dextran Sulphate Sodium Colitis Severity But Promotes Wound Healing. <i>Digestion</i> , 2016, 93, 249-259.	2.3	11
33	The Role of Protein Tyrosine Phosphatases in Inflammasome Activation. <i>International Journal of Molecular Sciences</i> , 2020, 21, 5481.	4.1	11
34	Contribution of CD3+CD8- and CD3+CD8+ T Cells to TNF- α Overexpression in Crohn Disease-Associated Perianal Fistulas and Induction of Epithelial-Mesenchymal Transition in HT-29 Cells. <i>Inflammatory Bowel Diseases</i> , 2021, 27, 538-549.	1.9	11
35	The Clinical Relevance of the IBD-Associated Variation within the Risk Gene Locus Encoding Protein Tyrosine Phosphatase Non-Receptor Type 2 in Patients of the Swiss IBD Cohort. <i>Digestion</i> , 2016, 93, 182-192.	2.3	10
36	Loss of protein tyrosine phosphatase non-receptor type 2 reduces IL-4-driven alternative macrophage activation. <i>Mucosal Immunology</i> , 2022, 15, 74-83.	6.0	10

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37	Autoimmune susceptibility gene <i>PTPN2</i> is required for clearance of adherent-invasive <i>Escherichia coli</i> by integrating bacterial uptake and lysosomal defence. <i>Gut</i> , 2022, 71, 89-99.	12.1	9
38	Genotype-Phenotype Associations of the CD-Associated Single Nucleotide Polymorphism within the Gene Locus Encoding Protein Tyrosine Phosphatase Non-Receptor Type 22 in Patients of the Swiss IBD Cohort. <i>PLoS ONE</i> , 2016, 11, e0160215.	2.5	7
39	The role for protein tyrosine phosphatase non-receptor type 22 in regulating intestinal homeostasis. <i>United European Gastroenterology Journal</i> , 2016, 4, 325-332.	3.8	7
40	PTPN2 as a promoter of colon carcinoma via reduction of inflammasome activation. <i>Molecular and Cellular Oncology</i> , 2018, 5, e1465013.	0.7	7
41	Gp96 deficiency affects TLR4 functionality and impairs ERK and p38 phosphorylation. <i>PLoS ONE</i> , 2018, 13, e0193003.	2.5	7
42	Loss of PTPN23 Promotes Proliferation and Epithelial-to-Mesenchymal Transition in Human Intestinal Cancer Cells. <i>Inflammatory Intestinal Diseases</i> , 2019, 4, 161-174.	1.9	6
43	Protection against autoimmunity is driven by thymic epithelial cell-mediated regulation of T cell development. <i>Science Immunology</i> , 2021, 6, eabf3111.	11.9	6
44	Gastroresistant oral peptide for fluorescence imaging of colonic inflammation. <i>Journal of Controlled Release</i> , 2017, 262, 118-126.	9.9	5
45	Presence of PTPN2 SNP rs1893217 Enhances the Anti-inflammatory Effect of Spermidine. <i>Inflammatory Bowel Diseases</i> , 2020, 26, 1038-1049.	1.9	5
46	Loss of PTPN22 Promotes Intestinal Inflammation by Compromising Granulocyte-mediated Antibacterial Defence. <i>Journal of Crohn's and Colitis</i> , 2021, 15, 2118-2130.	1.3	5
47	Energy Drink Administration Ameliorates Intestinal Epithelial Barrier Defects and Reduces Acute DSS Colitis. <i>Inflammatory Bowel Diseases</i> , 2021, 27, 1139-1152.	1.9	4
48	Combination of Vedolizumab With Tacrolimus Is More Efficient Than Vedolizumab Alone in the Treatment of Experimental Colitis. <i>Inflammatory Bowel Diseases</i> , 2021, 27, 1986-1998.	1.9	4
49	Mono Sodium Urate Crystal-induced Peritonitis for in vivo Assessment of Inflammasome Activation. <i>Bio-protocol</i> , 2018, 8, e2754.	0.4	4
50	Macrophages Compensate for Loss of Protein Tyrosine Phosphatase N2 in Dendritic Cells to Protect from Elevated Colitis. <i>International Journal of Molecular Sciences</i> , 2021, 22, 6820.	4.1	3
51	Eribulin Does Not Prevent Epithelial-to-Mesenchymal Transition in HT-29 Intestinal Epithelial Cells. <i>Inflammatory Intestinal Diseases</i> , 2017, 2, 211-218.	1.9	1
52	Deletion of Protein Tyrosine Phosphatase Nonreceptor Type 2 in Intestinal Epithelial Cells Results in Upregulation of the Related Phosphatase Protein Tyrosine Phosphatase Nonreceptor Type 23. <i>Inflammatory Intestinal Diseases</i> , 2019, 4, 14-26.	1.9	1
53	Protein Tyrosine Phosphatase Nonreceptor Type 2 Expression Does Not Correlate with Viral Load or Response to Direct-Acting Antiviral Therapy in Hepatitis C Virus Infections-Infected Patients. <i>Digestion</i> , 2021, 102, 453-461.	2.3	1
54	Loss of PTPN2 Activity Alters Iron Handling Protein Expression in IBD Patients and Causes Iron Deficiency in Mice. <i>FASEB Journal</i> , 2022, 36, .	0.5	0