

# Maria L Balmer

## List of Publications by Year in descending order

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30  
papers

2,863  
citations

394421

19  
h-index

434195

31  
g-index

36  
all docs

36  
docs citations

36  
times ranked

5425  
citing authors

#	ARTICLE	IF	CITATIONS
1	Reversible Microbial Colonization of Germ-Free Mice Reveals the Dynamics of IgA Immune Responses. <i>Science</i> , 2010, 328, 1705-1709.	12.6	657
2	Serine Is an Essential Metabolite for Effector T Cell Expansion. <i>Cell Metabolism</i> , 2017, 25, 345-357.	16.2	429
3	The Liver May Act as a Firewall Mediating Mutualism Between the Host and Its Gut Commensal Microbiota. <i>Science Translational Medicine</i> , 2014, 6, 237ra66.	12.4	365
4	Memory CD8 + T Cells Require Increased Concentrations of Acetate Induced by Stress for Optimal Function. <i>Immunity</i> , 2016, 44, 1312-1324.	14.3	257
5	Microbiota-Derived Compounds Drive Steady-State Granulopoiesis via MyD88/TICAM Signaling. <i>Journal of Immunology</i> , 2014, 193, 5273-5283.	0.8	202
6	Mitochondria-Endoplasmic Reticulum Contact Sites Function as Immunometabolic Hubs that Orchestrate the Rapid Recall Response of Memory CD8+ T Cells. <i>Immunity</i> , 2018, 48, 542-555.e6.	14.3	133
7	Functional Flexibility of Intestinal IgA " Broadening the Fine Line. <i>Frontiers in Immunology</i> , 2012, 3, 100.	4.8	86
8	Magnesium sensing via LFA-1 regulates CD8+ T cell effector function. <i>Cell</i> , 2022, 185, 585-602.e29.	28.9	83
9	Analysis of bacterial-surface-specific antibodies in body fluids using bacterial flow cytometry. <i>Nature Protocols</i> , 2016, 11, 1531-1553.	12.0	67
10	Effects of ursodeoxycholic acid in combination with vitamin E on adipokines and apoptosis in patients with nonalcoholic steatohepatitis. <i>Liver International</i> , 2009, 29, 1184-1188.	3.9	66
11	Diapedesis-Induced Integrin Signaling via LFA-1 Facilitates Tissue Immunity by Inducing Intrinsic Complement C3 Expression in Immune Cells. <i>Immunity</i> , 2020, 52, 513-527.e8.	14.3	57
12	Significance of serum adiponectin levels in patients with chronic liver disease. <i>Clinical Science</i> , 2010, 119, 431-436.	4.3	47
13	B cells as a critical node in the microbiota-host immune system network. <i>Immunological Reviews</i> , 2014, 260, 50-66.	6.0	47
14	Lymphotoxin $\beta$ Receptor Signaling Promotes Development of Autoimmune Pancreatitis. <i>Gastroenterology</i> , 2012, 143, 1361-1374.	1.3	45
15	Memory CD8+ T Cells Balance Pro- and Anti-inflammatory Activity by Reprogramming Cellular Acetate Handling at Sites of Infection. <i>Cell Metabolism</i> , 2020, 32, 457-467.e5.	16.2	37
16	Microbial-immune cross-talk and regulation of the immune system. <i>Immunology</i> , 2013, 138, 12-22.	4.4	32
17	Early effector maturation of naive human CD8 <sup>+</sup> T cells requires mitochondrial biogenesis. <i>European Journal of Immunology</i> , 2018, 48, 1632-1643.	2.9	23
18	Epithelial GPR35 protects from <i>Citrobacter rodentium</i> infection by preserving goblet cells and mucosal barrier integrity. <i>Mucosal Immunology</i> , 2022, 15, 443-458.	6.0	18

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19	Innate immunity restricts <i>Citrobacter rodentium</i> A/E pathogenesis initiation to an early window of opportunity. <i>PLoS Pathogens</i> , 2017, 13, e1006476.	4.7	17
20	Uncoupling of invasive bacterial mucosal immunogenicity from pathogenicity. <i>Nature Communications</i> , 2020, 11, 1978.	12.8	14
21	Starving for survival—how catabolic metabolism fuels immune function. <i>Current Opinion in Immunology</i> , 2017, 46, 8-13.	5.5	13
22	Treatment of hypercholesterolemia in patients with primary biliary cirrhosis might be more beneficial than indicated. <i>Swiss Medical Weekly</i> , 2008, 138, 415-9.	1.6	13
23	Sensing between reactions—how the metabolic microenvironment shapes immunity. <i>Clinical and Experimental Immunology</i> , 2019, 197, 161-169.	2.6	9
24	Feeling Worn Out? PGC1 $\beta$ to the Rescue for Dysfunctional Mitochondria in T Cell Exhaustion. <i>Immunity</i> , 2016, 45, 233-235.	14.3	8
25	Prolonged Isolated Soluble Dietary Fibre Supplementation in Overweight and Obese Patients: A Systematic Review with Meta-Analysis of Randomised Controlled Trials. <i>Nutrients</i> , 2022, 14, 2627.	4.1	8
26	Nutritional stress exacerbates hepatic steatosis induced by deletion of the histidine nucleotide-binding (Hint2) mitochondrial protein. <i>American Journal of Physiology - Renal Physiology</i> , 2016, 310, G497-G509.	3.4	7
27	CD62L (L-Selectin) Shedding for Assessment of Perioperative Immune Sensitivity in Patients Undergoing Cardiac Surgery with Cardiopulmonary Bypass. <i>PLoS ONE</i> , 2013, 8, e53045.	2.5	6
28	Splicing defect of CD33 and inflammatory syndrome associated with occult bacterial infection. <i>Journal of Allergy and Clinical Immunology</i> , 2013, 132, 490-493.e2.	2.9	1
29	Profile of Anti-Microbiota Antibody Responses in Crohn's Disease and Ulcerative Colitis. <i>Gastroenterology</i> , 2011, 140, S-846.	1.3	0
30	Biology of Hepatocellular Carcinoma. , 2011, , 21-34.		0