

Mingfang Lu

List of Publications by Year in descending order

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Version: 2024-02-01

23
papers

833
citations

567281

15
h-index

642732

23
g-index

26
all docs

26
docs citations

26
times ranked

1404
citing authors

#	ARTICLE	IF	CITATIONS
1	Toll-like Receptor Agonists Promote Prolonged Triglyceride Storage in Macrophages. <i>Journal of Biological Chemistry</i> , 2014, 289, 3001-3012.	3.4	96
2	A Host Lipase Detoxifies Bacterial Lipopolysaccharides in the Liver and Spleen. <i>Journal of Biological Chemistry</i> , 2007, 282, 13726-13735.	3.4	89
3	Host Inactivation of Bacterial Lipopolysaccharide Prevents Prolonged Tolerance Following Gram-Negative Bacterial Infection. <i>Cell Host and Microbe</i> , 2008, 4, 293-302.	11.0	80
4	Lipopolysaccharide deacylation by an endogenous lipase controls innate antibody responses to Gram-negative bacteria. <i>Nature Immunology</i> , 2005, 6, 989-994.	14.5	69
5	Altered inactivation of commensal LPS due to acyloxyacyl hydrolase deficiency in colonic dendritic cells impairs mucosal Th17 immunity. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 373-378.	7.1	69
6	TLR2 Promotes Glioma Immune Evasion by Downregulating MHC Class II Molecules in Microglia. <i>Cancer Immunology Research</i> , 2018, 6, 1220-1233.	3.4	64
7	Acyloxyacyl hydrolase promotes the resolution of lipopolysaccharide-induced acute lung injury. <i>PLoS Pathogens</i> , 2017, 13, e1006436.	4.7	51
8	Identification of Acyloxyacyl Hydrolase, a Lipopolysaccharide- Detoxifying Enzyme, in the Murine Urinary Tract. <i>Infection and Immunity</i> , 2004, 72, 3171-3178.	2.2	45
9	LPS inactivation by a host lipase allows lung epithelial cell sensitization for allergic asthma. <i>Journal of Experimental Medicine</i> , 2018, 215, 2397-2412.	8.5	44
10	Stimulus-dependent Deacylation of Bacterial Lipopolysaccharide by Dendritic Cells. <i>Journal of Experimental Medicine</i> , 2003, 197, 1745-1754.	8.5	41
11	Persistently Active Microbial Molecules Prolong Innate Immune Tolerance In Vivo. <i>PLoS Pathogens</i> , 2013, 9, e1003339.	4.7	32
12	The Transport and Inactivation Kinetics of Bacterial Lipopolysaccharide Influence Its Immunological Potency In Vivo. <i>Journal of Immunology</i> , 2011, 187, 3314-3320.	0.8	28
13	Chapter 2 Kill the Bacteria and Also Their Messengers?. <i>Advances in Immunology</i> , 2009, 103, 29-48.	2.2	27
14	Biochemical transformation of bacterial lipopolysaccharides by acyloxyacyl hydrolase reduces host injury and promotes recovery. <i>Journal of Biological Chemistry</i> , 2020, 295, 17842-17851.	3.4	19
15	LPS stimulates IgM production in vivo without help from non-B cells. <i>Innate Immunity</i> , 2016, 22, 307-315.	2.4	18
16	Harvest and Culture of Mouse Peritoneal Macrophages. <i>Bio-protocol</i> , 2013, 3, .	0.4	15
17	Prolonged Triglyceride Storage in Macrophages: pHO Trumps pO ₂ and TLR4. <i>Journal of Immunology</i> , 2014, 193, 1392-1397.	0.8	10
18	Intestinal CD11b ⁺ B Cells Ameliorate Colitis by Secreting Immunoglobulin A. <i>Frontiers in Immunology</i> , 2021, 12, 697725.	4.8	10

#	ARTICLE	IF	CITATIONS
19	CD1d highly expressed on DCs reduces lung tumor burden by enhancing antitumor immunity. <i>Oncology Reports</i> , 2019, 41, 2679-2688.	2.6	6
20	A host lipase prevents lipopolysaccharide-induced foam cell formation. <i>IScience</i> , 2021, 24, 103004.	4.1	6
21	Temporal modulation of host aerobic glycolysis determines the outcome of <i>Mycobacterium marinum</i> infection. <i>Fish and Shellfish Immunology</i> , 2020, 96, 78-85.	3.6	5
22	Extracellular Acidity Reprograms Macrophage Metabolism and Innate Responsiveness. <i>Journal of Immunology</i> , 2021, 206, 3021-3031.	0.8	4
23	A highly conserved host lipase deacylates oxidized phospholipids and ameliorates acute lung injury in mice. <i>ELife</i> , 2021, 10, .	6.0	3