Viviane Balloy

List of Publications by Year
in descending order

62	5,542	81839 39	123376 61
papers	citations	h-index	g-index
64	64	64	7434
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Hexavalent thiofucosides to probe the role of the <i>Aspergillus fumigatus</i> lectin FleA in fungal pathogenicity. Organic and Biomolecular Chemistry, 2021, 19, 3234-3240.	1.5	3
2	Biochemical and structural studies of target lectin SapL1 from the emerging opportunistic microfungus Scedosporium apiospermum. Scientific Reports, 2021, 11, 16109.	1.6	4
3	Flagellin From Pseudomonas aeruginosa Modulates SARS-CoV-2 Infectivity in Cystic Fibrosis Airway Epithelial Cells by Increasing TMPRSS2 Expression. Frontiers in Immunology, 2021, 12, 714027.	2.2	9
4	Bronchial Epithelial Cells on the Front Line to Fight Lung Infection-Causing Aspergillus fumigatus. Frontiers in Immunology, 2020, 11, 1041.	2.2	19
5	CHAC1 Is Differentially Expressed in Normal and Cystic Fibrosis Bronchial Epithelial Cells and Regulates the Inflammatory Response Induced by Pseudomonas aeruginosa. Frontiers in Immunology, 2018, 9, 2823.	2.2	25
6	Human Bronchial Epithelial Cells Inhibit Aspergillus fumigatus Germination of Extracellular Conidia via FleA Recognition. Scientific Reports, 2018, 8, 15699.	1.6	35
7	Bronchial Epithelial Cells from Cystic Fibrosis Patients Express a Specific Long Non-coding RNA Signature upon Pseudomonas aeruginosa Infection. Frontiers in Cellular and Infection Microbiology, 2017, 7, 218.	1.8	31
8	Contribution of the Ade Resistance-Nodulation-Cell Division-Type Efflux Pumps to Fitness and Pathogenesis of Acinetobacter baumannii. MBio, 2016, 7, .	1.8	69
9	Normal and Cystic Fibrosis Human Bronchial Epithelial Cells Infected with Pseudomonas aeruginosa Exhibit Distinct Gene Activation Patterns. PLoS ONE, 2015, 10, e0140979.	1.1	22
10	Protective Role of LGP2 in Influenza Virus Pathogenesis. Journal of Infectious Diseases, 2014, 210, 214-223.	1.9	29
11	Flagellin/TLR5 signalling activates renal collecting duct cells and facilitates invasion and cellular translocation of uropathogenic<i>E</i><i>scherichia coli</i>. Cellular Microbiology, 2014, 16, 1503-1517.	1.1	27
12	Flagellin concentrations in expectorations from cystic fibrosis patients. BMC Pulmonary Medicine, 2014, 14, 100.	0.8	9
13	<i>Pseudomonas aeruginosa</i> Type-3 Secretion System Dampens Host Defense by Exploiting the NLRC4-coupled Inflammasome. American Journal of Respiratory and Critical Care Medicine, 2014, 189, 799-811.	2.5	90
14	Deletion of the Î±-(1,3)-Glucan Synthase Genes Induces a Restructuring of the Conidial Cell Wall Responsible for the Avirulence of Aspergillus fumigatus. PLoS Pathogens, 2013, 9, e1003716.	2.1	110
15	A Soluble Fucose-Specific Lectin from Aspergillus fumigatus Conidia - Structure, Specificity and Possible Role in Fungal Pathogenicity. PLoS ONE, 2013, 8, e83077.	1.1	87
16	Toll-Like Receptor 2 Deficiency Increases Resistance to Pseudomonas aeruginosa Pneumonia in the Setting of Sepsis-Induced Immune Dysfunction. Journal of Infectious Diseases, 2012, 206, 932-942.	1.9	36
17	Toll-like receptor 5 (TLR5), IL-1Î² secretion, and asparagine endopeptidase are critical factors for alveolar macrophage phagocytosis and bacterial killing. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 1619-1624.	3.3	108
18	A Crucial Role of Flagellin in the Induction of Airway Mucus Production by Pseudomonas aeruginosa. PLoS ONE, 2012, 7, e39888.	1.1	29

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19	Modifying the Protease, Antiprotease Pattern by Elafin Overexpression Protects Mice From Colitis. Gastroenterology, 2011, 140, 1272-1282.	0.6	102
20	A Role Of Host Cytosolic Phospholipase A2 In Acute Lung Infection By Pseudomonas Aeruginosa. , 2011, , .		0
21	Type II Secretion System of Pseudomonas aeruginosa: In Vivo Evidence of a Significant Role in Death Due to Lung Infection. Journal of Infectious Diseases, 2011, 203, 1369-1377.	1.9	87
22	Burkholderia cenocepacia BC2L-C Is a Super Lectin with Dual Specificity and Proinflammatory Activity. PLoS Pathogens, 2011, 7, e1002238.	2.1	61
23	Combined Tlr2 and Tlr4 Deficiency Increases Radiation-Induced Pulmonary Fibrosis in Mice. International Journal of Radiation Oncology Biology Physics, 2010, 77, 1198-1205.	0.4	47
24	<i>In vivo</i>biofilm composition of<i>Aspergillus fumigatus</i>. Cellular Microbiology, 2010, 12, 405-410.	1.1	229
25	<i>Mycobacterium bovis</i> Bacillus Calmette-GuÃ©rin Vaccination Mobilizes Innate Myeloid-Derived Suppressor Cells Restraining In Vivo T Cell Priming via IL-1Râ€“Dependent Nitric Oxide Production. Journal of Immunology, 2010, 184, 2038-2047.	0.4	77
26	Bacteriophages Can Treat and Prevent<i>Pseudomonas aeruginosa</i>Lung Infections. Journal of Infectious Diseases, 2010, 201, 1096-1104.	1.9	265
27	Toll-Like Receptors 2 and 4 Contribute to Sepsis-Induced Depletion of Spleen Dendritic Cells. Infection and Immunity, 2009, 77, 5651-5658.	1.0	48
28	Anthrax Lethal Toxin Impairs IL-8 Expression in Epithelial Cells through Inhibition of Histone H3 Modification. PLoS Pathogens, 2009, 5, e1000359.	2.1	48
29	Galactofuranose attenuates cellular adhesion of<i>Aspergillus fumigatus</i>. Cellular Microbiology, 2009, 11, 1612-1623.	1.1	87
30	The innate immune response to Aspergillus fumigatus. Microbes and Infection, 2009, 11, 919-927.	1.0	184
31	Lack of MyD88 Protects the Immunodeficient Host Against Fatal Lung Inflammation Triggered by the Opportunistic Bacteria <i>Burkholderia cenocepacia</i>. Journal of Immunology, 2009, 183, 670-676.	0.4	22
32	Pseudomonas aeruginosa LPS or Flagellin Are Sufficient to Activate TLR-Dependent Signaling in Murine Alveolar Macrophages and Airway Epithelial Cells. PLoS ONE, 2009, 4, e7259.	1.1	140
33	TLR 5, but neither TLR2 nor TLR4, is involved in lung epithelial cell response to<i>Burkholderia cenocepacia</i>. FEMS Immunology and Medical Microbiology, 2008, 54, 37-44.	2.7	22
34	Control of <i>Pseudomonas aeruginosa</i> in the Lung Requires the Recognition of Either Lipopolysaccharide or Flagellin. Journal of Immunology, 2008, 181, 586-592.	0.4	106
35	Aspergillus fumigatus-induced Interleukin-8 Synthesis by Respiratory Epithelial Cells Is Controlled by the Phosphatidylinositol 3-Kinase, p38 MAPK, and ERK1/2 Pathways and Not by the Toll-like Receptor-MyD88 Pathway. Journal of Biological Chemistry, 2008, 283, 30513-30521.	1.6	90
36	The Role of Flagellin versus Motility in Acute Lung Disease Caused byPseudomonas aeruginosa. Journal of Infectious Diseases, 2007, 196, 289-296.	1.9	71

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37	Contribution of Phagocytosis and Intracellular Sensing for Cytokine Production by Staphylococcus aureus -Activated Macrophages. Infection and Immunity, 2007, 75, 830-837.	1.0	75
38	A critical role for peptidoglycan N-deacetylation inListeriaevasion from the host innate immune system. Proceedings of the National Academy of Sciences of the United States of America, 2007, 104, 997-1002.	3.3	329
39	Nod1 and Nod2 induce CCL5/RANTES through the NFâ€îºB pathway. European Journal of Immunology, 2007, 37, 2499-2508.	1.6	75
40	Murine splenocytes produce inflammatory cytokines in a MyD88-dependent response to Bacillus anthracis spores. Cellular Microbiology, 2007, 9, 502-513.	1.1	39
41	Role of Toll-like receptors in lung innate defense against invasive aspergillosis. Distinct impact in immunocompetent and immunocompromized hosts. Clinical Immunology, 2007, 124, 238-243.	1.4	47
42	Detrimental Contribution of the Toll-Like Receptor (TLR)3 to Influenza A Virusâ€"Induced Acute Pneumonia. PLoS Pathogens, 2006, 2, e53.	2.1	447
43	<i>Aspergillus fumigatus</i> Induces Innate Immune Responses in Alveolar Macrophages through the MAPK Pathway Independently of TLR2 and TLR4. Journal of Immunology, 2006, 177, 3994-4001.	0.4	99
44	Differences in Patterns of Infection and Inflammation for Corticosteroid Treatment and Chemotherapy in Experimental Invasive Pulmonary Aspergillosis. Infection and Immunity, 2005, 73, 494-503.	1.0	212
45	TLRs 2 and 4 Are Not Involved in Hypersusceptibility to Acute <i>Pseudomonas aeruginosa</i> Lung Infections. Journal of Immunology, 2005, 175, 3927-3934.	0.4	95
46	Involvement of Toll-Like Receptor 2 in Experimental Invasive Pulmonary Aspergillosis. Infection and Immunity, 2005, 73, 5420-5425.	1.0	103
47	Differential TLR Recognition of Leptospiral Lipid A and Lipopolysaccharide in Murine and Human Cells. Journal of Immunology, 2005, 175, 6022-6031.	0.4	181
48	Helicobacter pylori 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. Journal of Biological Chemistry, 2004, 279, 245-250.	1.6	151
49	Response of Human Pulmonary Epithelial Cells to Lipopolysaccharide Involves Toll-like Receptor 4 (TLR4)-dependent Signaling Pathways. Journal of Biological Chemistry, 2004, 279, 2712-2718.	1.6	320
50	Inhibitory Effects of Surfactant Protein A on Surfactant Phospholipid Hydrolysis by Secreted Phospholipases A2. Journal of Immunology, 2003, 171, 995-1000.	0.4	51
51	Lipopolysaccharides fromLegionellaandRhizobiumstimulate mouse bone marrow granulocytes via Toll-like receptor 2. Journal of Cell Science, 2003, 116, 293-302.	1.2	142
52	Neutrophil DNA Contributes to the Antielastase Barrier during Acute Lung Inflammation. American Journal of Respiratory Cell and Molecular Biology, 2003, 28, 746-753.	1.4	14
53	Cutting Edge: The Immunostimulatory Activity of the Lung Surfactant Protein-A Involves Toll-Like Receptor 4. Journal of Immunology, 2002, 168, 5989-5992.	0.4	305
54	Surfactant Protein A Suppresses Lipopolysaccharide-Induced IL-10 Production by Murine Macrophages. Journal of Immunology, 2001, 166, 6376-6382.	0.4	22

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55	Lack of IL-10 synthesis by murine alveolar macrophages upon lipopolysaccharide exposure. Comparison with peritoneal macrophages. Journal of Leukocyte Biology, 2000, 67, 545-552.	1.5	49
56	Phosphoinositide 3-kinase inhibition reverses platelet aggregation triggered by the combination of the neutrophil proteinases elastase and cathepsin G without impairing Î±IIbÎ²3integrin activation. FEBS Letters, 2000, 484, 184-188.	1.3	14
57	Proteolysis of monocyte CD14 by human leukocyte elastase inhibits lipopolysaccharide-mediated cell activation. Journal of Clinical Investigation, 1999, 103, 1039-1046.	3.9	109
58	Specific Inhibition of Thrombin-Induced Cell Activation by the Neutrophil Proteinases Elastase, Cathepsin G, and Proteinase 3: Evidence for Distinct Cleavage Sites Within the Aminoterminal Domain of the Thrombin Receptor. Blood, 1997, 89, 1944-1953.	0.6	112
59	Human Neutrophil Elastase Proteolytically Activates the Platelet Integrin Î±IIbÎ²3 through Cleavage of the Carboxyl Terminus of the Î±IIb Subunit Heavy Chain. Journal of Biological Chemistry, 1997, 272, 11636-11647.	1.6	70
60	Inhibition by recombinant SLPI and halfâ€SLPI (Asn⁵⁵â€Ala¹⁰⁷) of elastase and cathepsin G activities: consequence for neutrophilâ€platelet cooperation. British Journal of Pharmacology, 1993, 108, 1100-1106.	2.7	28
61	Inhibition by human leukocyte elastase of neutrophil-mediated platelet activation. European Journal of Pharmacology - Environmental Toxicology and Pharmacology Section, 1993, 248, 151-155.	0.8	1
62	Interference of antiâ€inflammatory and antiâ€asthmatic drugs with neutrophilâ€mediated platelet activation: singularity of azelastine. British Journal of Pharmacology, 1991, 103, 1435-1440.	2.7	22