

# Valentin Sencio

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5448695/publications.pdf>

Version: 2024-02-01

16  
papers

945  
citations

758635

12  
h-index

940134

16  
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17  
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17  
docs citations

17  
times ranked

1150  
citing authors

#	ARTICLE	IF	CITATIONS
1	Gut Dysbiosis during Influenza Contributes to Pulmonary Pneumococcal Superinfection through Altered Short-Chain Fatty Acid Production. <i>Cell Reports</i> , 2020, 30, 2934-2947.e6.	2.9	221
2	The SARS-CoV-2 main protease Mpro causes microvascular brain pathology by cleaving NEMO in brain endothelial cells. <i>Nature Neuroscience</i> , 2021, 24, 1522-1533.	7.1	164
3	The lung-gut axis during viral respiratory infections: the impact of gut dysbiosis on secondary disease outcomes. <i>Mucosal Immunology</i> , 2021, 14, 296-304.	2.7	160
4	SARS-CoV-2 infection in nonhuman primates alters the composition and functional activity of the gut microbiota. <i>Gut Microbes</i> , 2021, 13, 1-19.	4.3	75
5	Alteration of the gut microbiota following SARS-CoV-2 infection correlates with disease severity in hamsters. <i>Gut Microbes</i> , 2022, 14, 2018900.	4.3	47
6	Influenza Virus Infection Impairs the Gut's Barrier Properties and Favors Secondary Enteric Bacterial Infection through Reduced Production of Short-Chain Fatty Acids. <i>Infection and Immunity</i> , 2021, 89, e0073420.	1.0	46
7	Interleukin-22 Immunotherapy during Severe Influenza Enhances Lung Tissue Integrity and Reduces Secondary Bacterial Systemic Invasion. <i>Infection and Immunity</i> , 2018, 86, .	1.0	39
8	Short-Chain Fatty Acids as a Potential Treatment for Infections: a Closer Look at the Lungs. <i>Infection and Immunity</i> , 2021, 89, e0018821.	1.0	37
9	Bacterial immunogenic $\beta$ -galactosylceramide identified in the murine large intestine: dependency on diet and inflammation. <i>Journal of Lipid Research</i> , 2019, 60, 1892-1904.	2.0	32
10	Influenza infection rewires energy metabolism and induces browning features in adipose cells and tissues. <i>Communications Biology</i> , 2020, 3, 237.	2.0	30
11	Alteration of Flt3-Ligand-dependent de novo generation of conventional dendritic cells during influenza infection contributes to respiratory bacterial superinfection. <i>PLoS Pathogens</i> , 2018, 14, e1007360.	2.1	29
12	Acetate Improves the Killing of <i>Streptococcus pneumoniae</i> by Alveolar Macrophages via NLRP3 Inflammasome and Glycolysis-HIF-1 $\alpha$ Axis. <i>Frontiers in Immunology</i> , 2022, 13, 773261.	2.2	27
13	Evidence That SARS-CoV-2 Induces Lung Cell Senescence: Potential Impact on COVID-19 Lung Disease. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2022, 66, 107-111.	1.4	14
14	Alteration of the gut microbiota's composition and metabolic output correlates with COVID-19-like severity in obese NASH hamsters. <i>Gut Microbes</i> , 2022, 14, .	4.3	8
15	Description of a Newly Isolated <i>Blautia</i> Strain and Its Benefit in Mouse Models of Post-Influenza Secondary Enteric and Pulmonary Infections. <i>Nutrients</i> , 2022, 14, 1478.	1.7	7
16	Interaction between Bacteria and the Immune System for Cancer Immunotherapy: The $\beta$ -GalCer Alliance. <i>International Journal of Molecular Sciences</i> , 2022, 23, 5896.	1.8	5