

# Patrice Guillon

## List of Publications by Year in descending order

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Version: 2024-02-01

22  
papers

1,141  
citations

623574

14  
h-index

752573

20  
g-index

23  
all docs

23  
docs citations

23  
times ranked

2081  
citing authors

#	ARTICLE	IF	CITATIONS
1	Real-time RT-PCR for norovirus screening in shellfish. <i>Journal of Virological Methods</i> , 2005, 123, 1-7.	1.0	342
2	Inhibition of the interaction between the SARS-CoV Spike protein and its cellular receptor by anti-histo-blood group antibodies. <i>Glycobiology</i> , 2008, 18, 1085-1093.	1.3	306
3	Bile-salt-stimulated lipase and mucins from milk of $\alpha$ -secretor <sup>TM</sup> mothers inhibit the binding of Norwalk virus capsids to their carbohydrate ligands. <i>Biochemical Journal</i> , 2006, 393, 627-634.	1.7	72
4	Intrarectal Immunization with Rotavirus 2/6 Virus-Like Particles Induces an Antirrotavirus Immune Response Localized in the Intestinal Mucosa and Protects against Rotavirus Infection in Mice. <i>Journal of Virology</i> , 2006, 80, 3823-3832.	1.5	49
5	The approved pediatric drug suramin identified as a clinical candidate for the treatment of EV71 infection—suramin inhibits EV71 infection <i>in vitro</i> and <i>in vivo</i> . <i>Emerging Microbes and Infections</i> , 2014, 3, 1-9.	3.0	47
6	Multidisciplinary Approaches Identify Compounds that Bind to Human ACE2 or SARS-CoV-2 Spike Protein as Candidates to Block SARS-CoV-2 ACE2 Receptor Interactions. <i>MBio</i> , 2021, 12, .	1.8	47
7	Association between expression of the H histo-blood group antigen, $\alpha$ 1,2fucosyltransferases polymorphism of wild rabbits, and sensitivity to rabbit hemorrhagic disease virus. <i>Glycobiology</i> , 2008, 19, 21-28.	1.3	37
8	Structure-guided discovery of potent and dual-acting human parainfluenza virus haemagglutinin neuraminidase inhibitors. <i>Nature Communications</i> , 2014, 5, 5268.	5.8	32
9	Targeting human respiratory syncytial virus transcription anti-termination factor M2-1 to inhibit <i>in vivo</i> viral replication. <i>Scientific Reports</i> , 2016, 6, 25806.	1.6	31
10	Infection-associated FUT2 (Fucosyltransferase 2) genetic variation and impact on functionality assessed by <i>in vivo</i> studies. <i>Glycoconjugate Journal</i> , 2010, 27, 61-68.	1.4	29
11	The Catalytic Mechanism of Human Parainfluenza Virus Type 3 Haemagglutinin Neuraminidase Revealed. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 2936-2940.	7.2	27
12	Widespread Gene Conversion of Alpha-2-Fucosyltransferase Genes in Mammals. <i>Journal of Molecular Evolution</i> , 2009, 69, 22-31.	0.8	24
13	Exploring Human Parainfluenza Virus Type-1 Hemagglutinin Neuraminidase as a Target for Inhibitor Discovery. <i>Journal of Medicinal Chemistry</i> , 2014, 57, 7613-7623.	2.9	20
14	New antiviral approaches for human parainfluenza: Inhibiting the haemagglutinin-neuraminidase. <i>Antiviral Research</i> , 2019, 167, 89-97.	1.9	20
15	A dual drug regimen synergistically blocks human parainfluenza virus infection. <i>Scientific Reports</i> , 2016, 6, 24138.	1.6	14
16	The impact of the butterfly effect on human parainfluenza virus haemagglutinin-neuraminidase inhibitor design. <i>Scientific Reports</i> , 2017, 7, 4507.	1.6	11
17	Structural Insights into Human Parainfluenza Virus 3 Hemagglutinin Neuraminidase Using Unsaturated 3-N-Substituted Sialic Acids as Probes. <i>ACS Chemical Biology</i> , 2018, 13, 1544-1550.	1.6	10
18	Exploring inhibitor structural features required to engage the 216-loop of human parainfluenza virus type-3 hemagglutinin-neuraminidase. <i>MedChemComm</i> , 2017, 8, 130-134.	3.5	8

#	ARTICLE	IF	CITATIONS
19	A Portable Device for LAMP Based Detection of SARS-CoV-2. <i>Micromachines</i> , 2021, 12, 1151.	1.4	8
20	Targeting Human Parainfluenza Virus Type-1 Haemagglutinin-Neuraminidase with Mechanism-Based Inhibitors. <i>Viruses</i> , 2019, 11, 417.	1.5	7
21	Titelbild: The Catalytic Mechanism of Human Parainfluenza Virus Type-3 Haemagglutinin-Neuraminidase Revealed ( <i>Angew. Chem.</i> 10/2015). <i>Angewandte Chemie</i> , 2015, 127, 2899-2899.	1.6	0
22	The Catalytic Mechanism of Human Parainfluenza Virus Type-3 Haemagglutinin-Neuraminidase Revealed. <i>Angewandte Chemie</i> , 2015, 127, 2979-2983.	1.6	0