Sandrine Belouzard

List of Publications by Year
in descending order

51	5,448	196777 29	190340 53
papers	citations	h-index	g-index

59	59	59	10263
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	A Photoactivable Natural Product with Broad Antiviral Activity against Enveloped Viruses, Including Highly Pathogenic Coronaviruses. Antimicrobial Agents and Chemotherapy, 2022, 66, AAC0158121.	1.4	16
2	Clofoctol inhibits SARS-CoV-2 replication and reduces lung pathology in mice. PLoS Pathogens, 2022, 18, e1010498.	2.1	8
3	SARS-CoV-2 Spike Furin Cleavage Site and S2â€² Basic Residues Modulate the Entry Process in a Host Cell-Dependent Manner. Journal of Virology, 2022, 96, .	1.5	20
4	Ultrastructural modifications induced by SARS-CoV-2 in Vero cells: a kinetic analysis of viral factory formation, viral particle morphogenesis and virion release. Cellular and Molecular Life Sciences, 2021, 78, 3565-3576.	2.4	55
5	Fluoxetine Can Inhibit SARS-CoV-2 In Vitro. Microorganisms, 2021, 9, 339.	1.6	36
6	Overcoming Culture Restriction for SARS-CoV-2 in Human Cells Facilitates the Screening of Compounds Inhibiting Viral Replication. Antimicrobial Agents and Chemotherapy, 2021, 65, e0009721.	1.4	58
7	Rapid Generation of Coronaviral Immunity Using Recombinant Peptide Modified Nanodiamonds. Pathogens, 2021, 10, 861.	1.2	10
8	Secretory Vesicles Are the Principal Means of SARS-CoV-2 Egress. Cells, 2021, 10, 2047.	1.8	37
9	NMR spectroscopy of the main protease of SARSâ€CoVâ€2 and fragmentâ€based screening identify three protein hotspots and an antiviral fragment. Angewandte Chemie, 2021, 133, 25632.	1.6	2
10	NMR Spectroscopy of the Main Protease of SARSâ€CoVâ€2 and Fragmentâ€Based Screening Identify Three Protein Hotspots and an Antiviral Fragment. Angewandte Chemie - International Edition, 2021, 60, 25428-25435.	7.2	22
11	Pannexin-1 channel opening is critical for COVID-19 pathogenesis. IScience, 2021, 24, 103478.	1.9	28
12	Anti-spike, Anti-nucleocapsid and Neutralizing Antibodies in SARS-CoV-2 Inpatients and Asymptomatic Individuals. Frontiers in Microbiology, 2020, 11, 584251.	1.5	122
13	The C-terminal domain of the MERS coronavirus M protein contains a trans-Golgi network localization signal. Journal of Biological Chemistry, 2019, 294, 14406-14421.	1.6	100
14	Role of the cytosolic domain of occludin in trafficking and hepatitis C virus infection. Traffic, 2019, 20, 753-773.	1.3	3
15	Functional Carbon Quantum Dots as Medical Countermeasures to Human Coronavirus. ACS Applied Materials & Interfaces, 2019, 11, 42964-42974.	4.0	231
16	Identification of Piperazinylbenzenesulfonamides as New Inhibitors of Claudin-1 Trafficking and Hepatitis C Virus Entry. Journal of Virology, 2018, 92, .	1.5	12
17	Secretion of Hepatitis C Virus Replication Intermediates Reduces Activation of Toll-Like Receptor 3 in Hepatocytes. Gastroenterology, 2018, 154, 2237-2251.e16.	0.6	63
18	HCoV-229E spike protein fusion activation by trypsin-like serine proteases is mediated by proteolytic processing in the S2â€² region. Journal of General Virology, 2018, 99, 908-912.	1.3	15

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19	Investigation of the role of GBF1 in the replication of positive-sense single-stranded RNA viruses. Journal of General Virology, 2018, 99, 1086-1096.	1.3	18
20	Entry and Release of Hepatitis C Virus in Polarized Human Hepatocytes. Journal of Virology, 2017, 91, .	1.5	18
21	Middle East respiratory syndrome coronavirus infection is inhibited by griffithsin. Antiviral Research, 2016, 133, 1-8.	1.9	117
22	Identification of a New Benzimidazole Derivative as an Antiviral against Hepatitis C Virus. Journal of Virology, 2016, 90, 8422-8434.	1.5	33
23	Identification of class II ADP-ribosylation factors as cellular factors required for hepatitis C virus replication. Cellular Microbiology, 2016, 18, 1121-1133.	1.1	28
24	Claudin-6 and Occludin Natural Variants Found in a Patient Highly Exposed but Not Infected with Hepatitis C Virus (HCV) Do Not Confer HCV Resistance In Vitro. PLoS ONE, 2015, 10, e0142539.	1.1	8
25	Characterization of Hepatitis C Virus Interaction with Heparan Sulfate Proteoglycans. Journal of Virology, 2015, 89, 3846-3858.	1.5	66
26	New Insights into the Understanding of Hepatitis C Virus Entry and Cell-to-Cell Transmission by Using the Ionophore Monensin A. Journal of Virology, 2015, 89, 8346-8364.	1.5	18
27	Polyphenols Inhibit Hepatitis C Virus Entry by a New Mechanism of Action. Journal of Virology, 2015, 89, 10053-10063.	1.5	116
28	Regulation of core expression during the hepatitis C virus life cycle. Journal of General Virology, 2015, 96, 311-321.	1.3	13
29	Successful anti-scavenger receptor class B type I (SR-BI) monoclonal antibody therapy in humanized mice after challenge with HCV variants with<i>in vitro</i>resistance to SR-BI-targeting agents. Hepatology, 2014, 60, 1508-1518.	3.6	50
30	Utilization of human DC-SIGN and L-SIGN for entry and infection of host cells by the New World arenavirus, JunÃn virus. Biochemical and Biophysical Research Communications, 2013, 441, 612-617.	1.0	30
31	The antimalarial ferroquine is an inhibitor of hepatitis C virus. Hepatology, 2013, 58, 86-97.	3.6	43
32	Permissivity of Primary Human Hepatocytes and Different Hepatoma Cell Lines to Cell Culture Adapted Hepatitis C Virus. PLoS ONE, 2013, 8, e70809.	1.1	22
33	Hepatitis C Virus Replication and Golgi Function in Brefeldin A-Resistant Hepatoma-Derived Cells. PLoS ONE, 2013, 8, e74491.	1.1	9
34	Mechanisms of Coronavirus Cell Entry Mediated by the Viral Spike Protein. Viruses, 2012, 4, 1011-1033.	1.5	1,086
35	Role of low-density lipoprotein receptor in the hepatitis C virus life cycle. Hepatology, 2012, 55, 998-1007.	3.6	140
36	(âˆ’)-Epigallocatechin- 3 -gallate is a new inhibitor of hepatitis C virus entry. Hepatology, 2012, 55, 720-729.	3.6	221

#	Article	IF	Citations
37	Hepatitis C virus entry into the hepatocyte. Open Life Sciences, 2011, 6, 933-945.	0.6	9
38	Griffithsin Has Antiviral Activity against Hepatitis C Virus. Antimicrobial Agents and Chemotherapy, 2011, 55, 5159-5167.	1.4	139
39	Endospanins Regulate a Postinternalization Step of the Leptin Receptor Endocytic Pathway. Journal of Biological Chemistry, 2011, 286, 17968-17981.	1.6	39
40	Elastase-mediated Activation of the Severe Acute Respiratory Syndrome Coronavirus Spike Protein at Discrete Sites within the S2 Domain. Journal of Biological Chemistry, 2010, 285, 22758-22763.	1.6	81
41	Activation of the SARS coronavirus spike protein via sequential proteolytic cleavage at two distinct sites. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, 5871-5876.	3.3	906
42	Characterization of a Highly Conserved Domain within the Severe Acute Respiratory Syndrome Coronavirus Spike Protein S2 Domain with Characteristics of a Viral Fusion Peptide. Journal of Virology, 2009, 83, 7411-7421.	1.5	229
43	SARS-coronavirus spike S2 domain flanked by cysteine residues C822 and C833 is important for activation of membrane fusion. Virology, 2009, 393, 265-271.	1.1	56
44	Molecular Architecture of the Bipartite Fusion Loops of Vesicular Stomatitis Virus Glycoprotein G, a Class III Viral Fusion Protein. Journal of Biological Chemistry, 2008, 283, 6418-6427.	1.6	54
45	Silencing of OB-RGRP in mouse hypothalamic arcuate nucleus increases leptin receptor signaling and prevents diet-induced obesity. Proceedings of the National Academy of Sciences of the United States of America, 2007, 104, 19476-19481.	3.3	92
46	Ubiquitylation of leptin receptor OB-Ra regulates its clathrin-mediated endocytosis. EMBO Journal, 2006, 25, 932-942.	3.5	59
47	Subcellular Localization of Hepatitis C Virus Structural Proteins in a Cell Culture System That Efficiently Replicates the Virus. Journal of Virology, 2006, 80, 2832-2841.	1.5	178
48	Hepatitis C Virus Entry Depends on Clathrin-Mediated Endocytosis. Journal of Virology, 2006, 80, 6964-6972.	1.5	480
49	Bovine Viral Diarrhea Virus Entry Is Dependent on Clathrin-Mediated Endocytosis. Journal of Virology, 2005, 79, 10826-10829.	1.5	72
50	Regulation of Hepatitis C Virus Polyprotein Processing by Signal Peptidase Involves Structural Determinants at the p7 Sequence Junctions. Journal of Biological Chemistry, 2004, 279, 41384-41392.	1.6	58
51	Low Levels of Expression of Leptin Receptor at the Cell Surface Result from Constitutive Endocytosis and Intracellular Retention in the Biosynthetic Pathway. Journal of Biological Chemistry, 2004, 279, 28499-28508.	1.6	74