

Philippe Roingeard

List of Publications by Year in descending order

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105
papers

4,619
citations

70961

41
h-index

114278

63
g-index

115
all docs

115
docs citations

115
times ranked

6063
citing authors

#	ARTICLE	IF	CITATIONS
1	Toxoplasma gondii Antigen-Pulsed-Dendritic Cell-Derived Exosomes Induce a Protective Immune Response against T. gondii Infection. Infection and Immunity, 2004, 72, 4127-4137.	1.0	203
2	Role of N-Linked Glycans in the Functions of Hepatitis C Virus Envelope Proteins Incorporated into Infectious Virions. Journal of Virology, 2010, 84, 11905-11915.	1.5	181
3	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
4	NS2 Protein of Hepatitis C Virus Interacts with Structural and Non-Structural Proteins towards Virus Assembly. PLoS Pathogens, 2011, 7, e1001278.	2.1	142
5	Ultrastructural and biochemical analyses of hepatitis C virus-associated host cell membranes. Journal of General Virology, 2010, 91, 2230-2237.	1.3	133
6	Assembly of Infectious HIV-1 in Human Epithelial and T-Lymphoblastic Cell Lines. Journal of Molecular Biology, 2006, 359, 848-862.	2.0	127
7	Morphogenesis of hepatitis B virus and its subviral envelope particles. Cellular Microbiology, 2009, 11, 1561-1570.	1.1	121
8	Identification of GBF1 as a Cellular Factor Required for Hepatitis C Virus RNA Replication. Journal of Virology, 2010, 84, 773-787.	1.5	121
9	Zika virus induces massive cytoplasmic vacuolization and paraptosis-like death in infected cells. EMBO Journal, 2017, 36, 1653-1668.	3.5	118
10	IFITM proteins are incorporated onto HIV-1 virion particles and negatively imprint their infectivity. Retrovirology, 2014, 11, 103.	0.9	114
11	IL-34 and macrophage colony-stimulating factor are overexpressed in hepatitis C virus fibrosis and induce profibrotic macrophages that promote collagen synthesis by hepatic stellate cells. Hepatology, 2014, 60, 1879-1890.	3.6	107
12	Hepatitis B Virus Subviral Envelope Particle Morphogenesis and Intracellular Trafficking. Journal of Virology, 2007, 81, 3842-3851.	1.5	106
13	Hepatitis C Virus-Like Particle Morphogenesis. Journal of Virology, 2002, 76, 4073-4079.	1.5	102
14	Viral detection by electron microscopy: past, present and future. Biology of the Cell, 2008, 100, 491-501.	0.7	93
15	Both Pre-S1 and S Domains of Hepatitis B Virus Envelope Proteins Interact with the Core Particle. Virology, 1997, 228, 115-120.	1.1	89
16	Novel Human Reovirus Isolated from Children with Acute Necrotizing Encephalopathy. Emerging Infectious Diseases, 2011, 17, 1436-44.	2.0	78
17	Lipid droplet hijacking by intracellular pathogens. Cellular Microbiology, 2017, 19, e12688.	1.1	78
18	Hepatitis B Virus Entry into Cells. Cells, 2020, 9, 1486.	1.8	77

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19	The Association of Hepatitis C Virus Glycoproteins with Apolipoproteins E and B Early in Assembly Is Conserved in Lipoviral Particles. <i>Journal of Biological Chemistry</i> , 2014, 289, 18904-18913.	1.6	76
20	Amphipathic Î±-Helix AH2 Is a Major Determinant for the Oligomerization of Hepatitis C Virus Nonstructural Protein 4B. <i>Journal of Virology</i> , 2010, 84, 12529-12537.	1.5	73
21	Virus-induced double-membrane vesicles. <i>Cellular Microbiology</i> , 2015, 17, 45-50.	1.1	73
22	Hepatitis C virus core protein, lipid droplets and steatosis. <i>Journal of Viral Hepatitis</i> , 2008, 15, 157-164.	1.0	64
23	Sequential biogenesis of host cell membrane rearrangements induced by hepatitis C virus infection. <i>Cellular and Molecular Life Sciences</i> , 2013, 70, 1297-1306.	2.4	63
24	Nuclear lipid droplets identified by electron microscopy of serial sections. <i>BMC Research Notes</i> , 2013, 6, 386.	0.6	57
25	Virus detection by transmission electron microscopy: Still useful for diagnosis and a plus for biosafety. <i>Reviews in Medical Virology</i> , 2019, 29, e2019.	3.9	57
26	Interference with the production of infectious viral particles and bimodal inhibition of replication are broadly conserved antiviral properties of IFITMs. <i>PLoS Pathogens</i> , 2017, 13, e1006610.	2.1	56
27	Hepatitis C virus budding at lipid droplet-associated ER membrane visualized by 3D electron microscopy. <i>Histochemistry and Cell Biology</i> , 2008, 130, 561-566.	0.8	55
28	Ultrastructural modifications induced by SARS-CoV-2 in Vero cells: a kinetic analysis of viral factory formation, viral particle morphogenesis and virion release. <i>Cellular and Molecular Life Sciences</i> , 2021, 78, 3565-3576.	2.4	55
29	Hepatitis C Virus-Like Particle Budding: Role of the Core Protein and Importance of Its Asp 111. <i>Journal of Virology</i> , 2003, 77, 10131-10138.	1.5	54
30	Chimeric hepatitis B virus/hepatitis C virus envelope proteins elicit broadly neutralizing antibodies and constitute a potential bivalent prophylactic vaccine. <i>Hepatology</i> , 2013, 57, 1303-1313.	3.6	54
31	IL-26, a Cytokine With Roles in Extracellular DNA-Induced Inflammation and Microbial Defense. <i>Frontiers in Immunology</i> , 2019, 10, 204.	2.2	52
32	Reduction of the infectivity of hepatitis C virus pseudoparticles by incorporation of misfolded glycoproteins induced by glucosidase inhibitors. <i>Journal of General Virology</i> , 2007, 88, 1133-1143.	1.3	51
33	IL-26 is overexpressed in chronically HCV-infected patients and enhances TRAIL-mediated cytotoxicity and interferon production by human NK cells. <i>Gut</i> , 2015, 64, 1466-1475.	6.1	49
34	FHL1 is a major host factor for chikungunya virus infection. <i>Nature</i> , 2019, 574, 259-263.	18.7	49
35	Hepatitis B virus entry into HepG2 cells requires clathrin-mediated endocytosis. <i>Cellular Microbiology</i> , 2020, 22, e13205.	1.1	49
36	Core protein cleavage by signal peptide peptidase is required for hepatitis C virus-like particle assembly. <i>Journal of General Virology</i> , 2006, 87, 855-860.	1.3	48

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37	Core protein domains involved in hepatitis C virus-like particle assembly and budding at the endoplasmic reticulum membrane. <i>Cellular Microbiology</i> , 2007, 9, 1014-1027.	1.1	48
38	Perinatal Transmission of Hepatitis B Virus in Senegal, West Africa. <i>Viral Immunology</i> , 1993, 6, 65-73.	0.6	47
39	Rapid clearance of storage-induced microerythrocytes alters transfusion recovery. <i>Blood</i> , 2021, 137, 2285-2298.	0.6	45
40	Up-Regulation of the ATP-Binding Cassette Transporter A1 Inhibits Hepatitis C Virus Infection. <i>PLoS ONE</i> , 2014, 9, e92140.	1.1	44
41	Chimeric hepatitis B and C viruses envelope proteins can form subviral particles: implications for the design of new vaccine strategies. <i>New Biotechnology</i> , 2009, 25, 226-234.	2.4	43
42	Ultrastructural organisation of HCV from the bloodstream of infected patients revealed by electron microscopy after specific immunocapture. <i>Gut</i> , 2017, 66, 1487-1495.	6.1	43
43	Gene transfer using human polyomavirus BK virus-like particles expressed in insect cells. <i>Journal of General Virology</i> , 2001, 82, 3005-3009.	1.3	43
44	Antiviral effect of α -glucosidase inhibitors on viral morphogenesis and binding properties of hepatitis C virus-like particles. <i>Journal of General Virology</i> , 2006, 87, 861-871.	1.3	43
45	Hepatitis C virus diversity and hepatic steatosis. <i>Journal of Viral Hepatitis</i> , 2013, 20, 77-84.	1.0	42
46	Subcellular Localization and Function of an Epitope-Tagged p7 Viroprotein in Hepatitis C Virus-Producing Cells. <i>Journal of Virology</i> , 2013, 87, 1664-1678.	1.5	42
47	Immunocytochemical and electron microscopic study of hepatitis B virus antigen and complete particle production in hepatitis B virus DNA transfected HepG2 cells. <i>Hepatology</i> , 1990, 11, 277-285.	3.6	39
48	Ultrastructural analysis of hepatitis B virus in HepG2-transfected cells with special emphasis on subviral filament morphogenesis. <i>Hepatology</i> , 1998, 28, 1128-1133.	3.6	37
49	Hepatitis C virus ultrastructure and morphogenesis. <i>Biology of the Cell</i> , 2004, 96, 103-108.	0.7	37
50	Single molecule localisation microscopy reveals how HIV-1 Gag proteins sense membrane virus assembly sites in living host CD4 T cells. <i>Scientific Reports</i> , 2018, 8, 16283.	1.6	37
51	Secretory Vesicles Are the Principal Means of SARS-CoV-2 Egress. <i>Cells</i> , 2021, 10, 2047.	1.8	37
52	Hepatitis B, C, D, and E Markers in Rural Equatorial African Villages (Gabon). <i>American Journal of Tropical Medicine and Hygiene</i> , 1995, 53, 338-341.	0.6	35
53	Centrosomal Latency of Incoming Foamy Viruses in Resting Cells. <i>PLoS Pathogens</i> , 2007, 3, e74.	2.1	34
54	Identification of the Glycoprotein 41 α , β Cytoplasmic Tail Domains of Human Immunodeficiency Virus Type 1 That Interact with Pr55Gag Particles. <i>AIDS Research and Human Retroviruses</i> , 2000, 16, 1141-1147.	0.5	33

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55	Atlastin Endoplasmic Reticulum-Shaping Proteins Facilitate Zika Virus Replication. <i>Journal of Virology</i> , 2019, 93, .	1.5	33
56	Hepatitis C Vaccine: 10 Good Reasons for Continuing. <i>Hepatology</i> , 2020, 71, 1845-1850.	3.6	33
57	Impact of Natural Polymorphism within the gp41 Cytoplasmic Tail of Human Immunodeficiency Virus Type 1 on the Intracellular Distribution of Envelope Glycoproteins and Viral Assembly. <i>Journal of Virology</i> , 2007, 81, 125-140.	1.5	30
58	The double-membrane vesicle (DMV): a virus-induced organelle dedicated to the replication of SARS-CoV-2 and other positive-sense single-stranded RNA viruses. <i>Cellular and Molecular Life Sciences</i> , 2022, 79, .	2.4	29
59	A novel CD4-CD8 ⁺ CD205 ⁺ CD11b ⁻ murine spleen dendritic cell line: establishment, characterization and functional analysis in a model of vaccination to toxoplasmosis. <i>Cellular Microbiology</i> , 2005, 7, 1659-1671.	1.1	28
60	Ultrastructural and quantitative analysis of the lipid droplet clustering induced by hepatitis C virus core protein. <i>Cellular and Molecular Life Sciences</i> , 2010, 67, 3151-3161.	2.4	27
61	Phosphorylation of the Arginine-Rich C-Terminal Domains of the Hepatitis B Virus (HBV) Core Protein as a Fine Regulator of the Interaction between HBc and Nucleic Acid. <i>Viruses</i> , 2020, 12, 738.	1.5	23
62	Full assembly of HIV-1 particles requires assistance of the membrane curvature factor IRSp53. <i>ELife</i> , 2021, 10, .	2.8	23
63	Persistent delta antigenaemia in chronic delta hepatitis and its relation with human immunodeficiency virus infection. <i>Journal of Medical Virology</i> , 1992, 38, 191-194.	2.5	22
64	Direct interaction between the hepatitis B virus core and envelope proteins analyzed in a cellular context. <i>Scientific Reports</i> , 2019, 9, 16178.	1.6	21
65	Chimeric hepatitis B virus (HBV)/hepatitis C virus (HCV) subviral envelope particles induce efficient anti-HCV antibody production in animals pre-immunized with HBV vaccine. <i>Vaccine</i> , 2015, 33, 973-976.	1.7	20
66	Functional Mapping of Regions Involved in the Negative Imprinting of Virion Particle Infectivity and in Target Cell Protection by Interferon-Induced Transmembrane Protein 3 against HIV-1. <i>Journal of Virology</i> , 2019, 93, .	1.5	20
67	Involvement of an Arginine Triplet in M1 Matrix Protein Interaction with Membranes and in M1 Recruitment into Virus-Like Particles of the Influenza A(H1N1)pdm09 Virus. <i>PLoS ONE</i> , 2016, 11, e0165421.	1.1	20
68	Sequence and Functional Analysis of the Envelope Glycoproteins of Hepatitis C Virus Variants Selectively Transmitted to a New Host. <i>Journal of Virology</i> , 2013, 87, 13609-13618.	1.5	19
69	Broadly neutralizing anti-HIV-1 antibodies tether viral particles at the surface of infected cells. <i>Nature Communications</i> , 2022, 13, 630.	5.8	19
70	Hepatitis delta virus infection in French male HBsAg-positive homosexuals. <i>Hepatology</i> , 1989, 10, 342-345.	3.6	16
71	Correlative Scanning-Transmission Electron Microscopy Reveals that a Chimeric Flavivirus Is Released as Individual Particles in Secretory Vesicles. <i>PLoS ONE</i> , 2014, 9, e93573.	1.1	16
72	Quantitative analysis of immunogold labellings of collagen types I, III, IV and VI in healthy and pathological human corneas. <i>Graefe's Archive for Clinical and Experimental Ophthalmology</i> , 1995, 233, 331-338.	1.0	15

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73	The cell biology of hepatitis C virus (HCV) lipid addiction: Molecular mechanisms and its potential importance in the clinic. <i>International Journal of Biochemistry and Cell Biology</i> , 2010, 42, 869-879.	1.2	15
74	Functional expression, purification, characterization, and membrane reconstitution of non-structural protein 2 from hepatitis C virus. <i>Protein Expression and Purification</i> , 2015, 116, 1-6.	0.6	15
75	Hepatitis C Virus E1 and E2 Proteins Used as Separate Immunogens Induce Neutralizing Antibodies with Additive Properties. <i>PLoS ONE</i> , 2016, 11, e0151626.	1.1	15
76	Assembly and Immunogenicity of Chimeric Gag-Env Proteins Derived from the Human Immunodeficiency Virus Type 1. <i>AIDS Research and Human Retroviruses</i> , 1996, 12, 291-301.	0.5	14
77	The birth and life of lipid droplets: learning from the hepatitis C virus. <i>Biology of the Cell</i> , 2011, 103, 223-231.	0.7	14
78	Transcriptomic profiling of a chicken lung epithelial cell line (CLEC213) reveals a mitochondrial respiratory chain activity boost during influenza virus infection. <i>PLoS ONE</i> , 2017, 12, e0176355.	1.1	13
79	Infection of Human Liver Myofibroblasts by Hepatitis C Virus: A Direct Mechanism of Liver Fibrosis in Hepatitis C. <i>PLoS ONE</i> , 2015, 10, e0134141.	1.1	13
80	Prospects for prophylactic hepatitis C vaccines based on virus-like particles. <i>Human Vaccines and Immunotherapeutics</i> , 2013, 9, 1112-1118.	1.4	12
81	Stereoselective synthesis of β -L-bicyclic nucleosides as potential antiviral drugs. <i>Tetrahedron Letters</i> , 1998, 39, 9175-9178.	0.7	11
82	HCV-Mediated Apoptosis of Hepatocytes in Culture and Viral Pathogenesis. <i>PLoS ONE</i> , 2016, 11, e0155708.	1.1	10
83	Species-Specific Molecular Barriers to SARS-CoV-2 Replication in Bat Cells. <i>Journal of Virology</i> , 2022, 96, .	1.5	10
84	Endogenous Virus and Hepatitis C Virus-Like Particle Budding in BHK-21 Cells. <i>Journal of Virology</i> , 2003, 77, 3888-3889.	1.5	9
85	Escape of HIV-1 Envelope Glycoprotein from Restriction of Infection by IFITM3. <i>Journal of Virology</i> , 2021, 95, .	1.5	9
86	Annulate lamellae and intracellular pathogens. <i>Cellular Microbiology</i> , 2021, 23, e13328.	1.1	9
87	Incorporation of apolipoprotein E into HBV/HCV subviral envelope particles to improve the hepatitis vaccine strategy. <i>Scientific Reports</i> , 2021, 11, 21856.	1.6	7
88	Viral Sequence Variation in Chronic Carriers of Hepatitis C Virus Has a Low Impact on Liver Steatosis. <i>PLoS ONE</i> , 2012, 7, e33749.	1.1	6
89	The Replacement of 10 Non-Conserved Residues in the Core Protein of JFH-1 Hepatitis C Virus Improves Its Assembly and Secretion. <i>PLoS ONE</i> , 2015, 10, e0137182.	1.1	6
90	The Hepatitis C Virus-Induced Membranous Web in Liver Tissue. <i>Cells</i> , 2018, 7, 191.	1.8	6

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91	Endoplasmic Reticulum Detergent-Resistant Membranes Accommodate Hepatitis C Virus Proteins for Viral Assembly. <i>Cells</i> , 2019, 8, 487.	1.8	6
92	Mixing particles from various HCV genotypes increases the HBV+HCV vaccine ability to elicit broadly cross-neutralizing antibodies. <i>Liver International</i> , 2020, 40, 1865-1871.	1.9	6
93	DNA-containing and empty hepatitis B virus core particles bind similarly to envelope protein domains. <i>Journal of General Virology</i> , 2000, 81, 1099-1101.	1.3	6
94	Hepatitis Delta Virus Antibodies in Hepatitis B Surface Antigen Asymptomatic Carriers in Senegal. <i>Journal of Infectious Diseases</i> , 1990, 161, 150-151.	1.9	5
95	Orf Skin Ulcer. <i>New England Journal of Medicine</i> , 1997, 337, 1131-1131.	13.9	4
96	Vacuolization in hepatitis B virus-infected hepatocytes. <i>Hepatology</i> , 2003, 37, 1223-1224.	3.6	4
97	Is hepatitis C virus eradication a realistic objective in the absence of a prophylactic vaccine?. <i>Liver International</i> , 2016, 36, 1076-1076.	1.9	4
98	Unravelling the multiple roles of apolipoprotein E in the hepatitis C virus life cycle. <i>Gut</i> , 2017, 66, 759-761.	6.1	4
99	Quantitative analysis of the formation of nucleoprotein complexes between HIV-1 Gag protein and genomic RNA using transmission electron microscopy. <i>Journal of Biological Chemistry</i> , 2022, 298, 101500.	1.6	4
100	Apolipoprotein E, a Crucial Cellular Protein in the Lifecycle of Hepatitis Viruses. <i>International Journal of Molecular Sciences</i> , 2022, 23, 3676.	1.8	4
101	IL-26 inhibits hepatitis C virus replication in hepatocytes. <i>Journal of Hepatology</i> , 2022, 76, 822-831.	1.8	4
102	A novel domain within the CIL regulates egress of IFITM3 from the Golgi and reveals a regulatory role of IFITM3 on the secretory pathway. <i>Life Science Alliance</i> , 2022, 5, e202101174.	1.3	3
103	Storage-Induced Micro-Erythrocytes Can Be Quantified and Sorted by Flow Cytometry. <i>Frontiers in Physiology</i> , 2022, 13, 838138.	1.3	1
104	Pathology Assessments of Multiple Organs in Fatal COVID-19 in Intensive Care Unit vs. Non-intensive Care Unit Patients. <i>Frontiers in Medicine</i> , 2022, 9, 837258.	1.2	1
105	A morphometric analysis of hepatitis B subviral particles shows no correlation of filament proportion and length with clinical stage and genotype. <i>Journal of Viral Hepatitis</i> , 0, , .	1.0	1