

# Yves Jacob

## List of Publications by Year in descending order

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77  
papers

6,005  
citations

76196

40  
h-index

79541

73  
g-index

86  
all docs

86  
docs citations

86  
times ranked

11082  
citing authors

#	ARTICLE	IF	CITATIONS
1	The cargo adapter protein CLINT1 is phosphorylated by the Numb-associated kinase BIKE and mediates dengue virus infection. <i>Journal of Biological Chemistry</i> , 2022, 298, 101956.	1.6	2
2	Core-Modified Coelenterazine Luciferin Analogues: Synthesis and Chemiluminescence Properties. <i>Chemistry - A European Journal</i> , 2021, 27, 2112-2123.	1.7	7
3	Measuring the subcellular compartmentalization of viral infections by protein complementation assay. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	3.3	2
4	Proteomic Analysis Uncovers Measles Virus Protein C Interaction With p65-ASPP Protein Complex. <i>Molecular and Cellular Proteomics</i> , 2021, 20, 100049.	2.5	6
5	Role of PDZ-binding motif from West Nile virus NS5 protein on viral replication. <i>Scientific Reports</i> , 2021, 11, 3266.	1.6	7
6	Bioluminescence Profiling of NanoKAZ/NanoLuc Luciferase Using a Chemical Library of Coelenterazine Analogues. <i>Chemistry - A European Journal</i> , 2020, 26, 948-958.	1.7	46
7	Influenza A virus co-opts ER11 exonuclease bound to histone mRNA to promote viral transcription. <i>Nucleic Acids Research</i> , 2020, 48, 10428-10440.	6.5	5
8	A Comprehensive, Flexible Collection of SARS-CoV-2 Coding Regions. <i>G3: Genes, Genomes, Genetics</i> , 2020, 10, 3399-3402.	0.8	48
9	A reference map of the human binary protein interactome. <i>Nature</i> , 2020, 580, 402-408.	13.7	724
10	Nonproteolytic K29-Linked Ubiquitination of the PB2 Replication Protein of Influenza A Viruses by Proviral Cullin 4-Based E3 Ligases. <i>MBio</i> , 2020, 11, .	1.8	23
11	Screening of Interactions with the ESCRT Machinery by a <i>Gaussia princeps</i> Split Luciferase-Based Complementation Assay. <i>Methods in Molecular Biology</i> , 2019, 1998, 291-304.	0.4	0
12	Maximizing binary interactome mapping with a minimal number of assays. <i>Nature Communications</i> , 2019, 10, 3907.	5.8	57
13	LGP2 binds to PACT to regulate RIG-I and MDA5-mediated antiviral responses. <i>Science Signaling</i> , 2019, 12, .	1.6	51
14	Destabilization of the human RED-SMU1 splicing complex as a basis for host-directed antiinfluenza strategy. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 10968-10977.	3.3	7
15	Gram-scale synthesis of luciferins derived from coelenterazine and original insights into their bioluminescence properties. <i>Organic and Biomolecular Chemistry</i> , 2019, 17, 3709-3713.	1.5	42
16	MARCH8 Ubiquitinates the Hepatitis C Virus Nonstructural 2 Protein and Mediates Viral Envelopment. <i>Cell Reports</i> , 2019, 26, 1800-1814.e5.	2.9	42
17	Ubiquitination of <i>Listeria</i> Virulence Factor InlC Contributes to the Host Response to Infection. <i>MBio</i> , 2019, 10, .	1.8	11
18	Identification of Primary Natural Killer Cell Modulators by Chemical Library Screening with a Luciferase-Based Functional Assay. <i>SLAS Discovery</i> , 2019, 24, 25-37.	1.4	10

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19	The SRC-family tyrosine kinase HCK shapes the landscape of SKAP2 interactome. <i>Oncotarget</i> , 2018, 9, 13102-13115.	0.8	11
20	Mapping the interactome of <scp>HPV</scp> E6 and E7 oncoproteins with the ubiquitinâ€proteasome system. <i>FEBS Journal</i> , 2017, 284, 3171-3201.	2.2	58
21	Comparative Profiling of Ubiquitin Proteasome System Interplay with Influenza A Virus PB2 Polymerase Protein Recapitulating Virus Evolution in Humans. <i>MSphere</i> , 2017, 2, .	1.3	13
22	Inhibition of the inflammatory response to stress by targeting interaction between PKR and its cellular activator PACT. <i>Scientific Reports</i> , 2017, 7, 16129.	1.6	28
23	Pooledâ€matrix protein interaction screens using Barcode Fusion Genetics. <i>Molecular Systems Biology</i> , 2016, 12, 863.	3.2	102
24	Hepatitis C Virus Proteins Interact with the Endosomal Sorting Complex Required for Transport (ESCRT) Machinery via Ubiquitination To Facilitate Viral Envelopment. <i>MBio</i> , 2016, 7, .	1.8	52
25	Targeting the Two Oncogenic Functional Sites of the HPV E6 Oncoprotein with a Highâ€Affinity Bivalent Ligand. <i>Angewandte Chemie</i> , 2015, 127, 8069-8073.	1.6	2
26	Quantifying domain-ligand affinities and specificities by high-throughput holdup assay. <i>Nature Methods</i> , 2015, 12, 787-793.	9.0	80
27	Targeting the Two Oncogenic Functional Sites of the HPV E6 Oncoprotein with a Highâ€Affinity Bivalent Ligand. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 7958-7962.	7.2	32
28	Microtubule-associated Proteins 1 (MAP1) Promote Human Immunodeficiency Virus Type I (HIV-1) Intracytoplasmic Routing to the Nucleus. <i>Journal of Biological Chemistry</i> , 2015, 290, 4631-4646.	1.6	65
29	Amyloid Precursor-like Protein 2 and Sortilin Do Not Regulate the PCSK9 Convertase-mediated Low Density Lipoprotein Receptor Degradation but Interact with Each Other. <i>Journal of Biological Chemistry</i> , 2015, 290, 18609-18620.	1.6	47
30	Widespread Macromolecular Interaction Perturbations in Human Genetic Disorders. <i>Cell</i> , 2015, 161, 647-660.	13.5	482
31	A Field-Proven Yeast Two-Hybrid Protocol Used to Identify Coronavirusâ€Host Proteinâ€Protein Interactions. <i>Methods in Molecular Biology</i> , 2015, 1282, 213-229.	0.4	15
32	Recruitment of RED-SMU1 Complex by Influenza A Virus RNA Polymerase to Control Viral mRNA Splicing. <i>PLoS Pathogens</i> , 2014, 10, e1004164.	2.1	43
33	Systematic screening reveals a role for BRCA1 in the response to transcription-associated DNA damage. <i>Genes and Development</i> , 2014, 28, 1957-1975.	2.7	86
34	Exploration of Binary Virusâ€Host Interactions Using an Infectious Protein Complementation Assay. <i>Molecular and Cellular Proteomics</i> , 2013, 12, 2845-2855.	2.5	46
35	Speciesâ€specific impact of the autophagy machinery on Chikungunya virus infection. <i>EMBO Reports</i> , 2013, 14, 534-544.	2.0	121
36	Inhibition of Pyrimidine Biosynthesis Pathway Suppresses Viral Growth through Innate Immunity. <i>PLoS Pathogens</i> , 2013, 9, e1003678.	2.1	137

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37	A Comparative Approach to Characterize the Landscape of Host-Pathogen Protein-Protein Interactions. <i>Journal of Visualized Experiments</i> , 2013, , e50404.	0.2	2
38	The V Protein of Tioman Virus Is Incapable of Blocking Type I Interferon Signaling in Human Cells. <i>PLoS ONE</i> , 2013, 8, e53881.	1.1	21
39	TOX4 and NOVA1 Proteins Are Partners of the LEDGF PWWP Domain and Affect HIV-1 Replication. <i>PLoS ONE</i> , 2013, 8, e81217.	1.1	19
40	Large Scale Genotype Comparison of Human Papillomavirus E2-Host Interaction Networks Provides New Insights for E2 Molecular Functions. <i>PLoS Pathogens</i> , 2012, 8, e1002761.	2.1	56
41	Mapping of Chikungunya Virus Interactions with Host Proteins Identified nsP2 as a Highly Connected Viral Component. <i>Journal of Virology</i> , 2012, 86, 3121-3134.	1.5	98
42	Identification and Targeting of an Interaction between a Tyrosine Motif within Hepatitis C Virus Core Protein and AP2M1 Essential for Viral Assembly. <i>PLoS Pathogens</i> , 2012, 8, e1002845.	2.1	131
43	HMGB1 Protein Binds to Influenza Virus Nucleoprotein and Promotes Viral Replication. <i>Journal of Virology</i> , 2012, 86, 9122-9133.	1.5	94
44	Comparative analysis of virus-host interactomes with a mammalian high-throughput protein complementation assay based on <i>Gaussia princeps</i> luciferase. <i>Methods</i> , 2012, 58, 349-359.	1.9	59
45	Benchmarking a luciferase complementation assay for detecting protein complexes. <i>Nature Methods</i> , 2011, 8, 990-992.	9.0	141
46	The potassium-chloride cotransporter 2 promotes cervical cancer cell migration and invasion by an ion transport-independent mechanism. <i>Journal of Physiology</i> , 2011, 589, 5349-5359.	1.3	36
47	Inhibition of Influenza Virus Replication by Constrained Peptides Targeting Nucleoprotein. <i>Antiviral Chemistry and Chemotherapy</i> , 2011, 22, 119-130.	0.3	13
48	Polo-like Kinase 1 (PLK1) Regulates Interferon (IFN) Induction by MAVS. <i>Journal of Biological Chemistry</i> , 2009, 284, 21797-21809.	1.6	81
49	Differential Regulation of Type I Interferon and Epidermal Growth Factor Pathways by a Human Respirivirus Virulence Factor. <i>PLoS Pathogens</i> , 2009, 5, e1000587.	2.1	17
50	Inhibition of IFN- $\beta$ /IFN- $\gamma$ signaling by two discrete peptides within measles virus V protein that specifically bind STAT1 and STAT2. <i>Virology</i> , 2009, 383, 112-120.	1.1	67
51	The EVER Proteins as a Natural Barrier against Papillomaviruses: a New Insight into the Pathogenesis of Human Papillomavirus Infections. <i>Microbiology and Molecular Biology Reviews</i> , 2009, 73, 348-370.	2.9	119
52	Peptides That Mimic the Amino-Terminal End of the Rabies Virus Phosphoprotein Have Antiviral Activity. <i>Journal of Virology</i> , 2009, 83, 10808-10820.	1.5	53
53	Genetically encoded chloride indicator with improved sensitivity. <i>Journal of Neuroscience Methods</i> , 2008, 170, 67-76.	1.3	123
54	Hepatitis C virus infection protein network. <i>Molecular Systems Biology</i> , 2008, 4, 230.	3.2	340

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55	Inhibition of Chikungunya Virus Infection in Cultured Human Muscle Cells by Furin Inhibitors. <i>Journal of Biological Chemistry</i> , 2008, 283, 21899-21908.	1.6	114
56	Regulation of cellular zinc balance as a potential mechanism of EVER-mediated protection against pathogenesis by cutaneous oncogenic human papillomaviruses. <i>Journal of Experimental Medicine</i> , 2008, 205, 35-42.	4.2	203
57	A SAP30 Complex Inhibits IFN- $\hat{I}^2$ Expression in Rift Valley Fever Virus Infected Cells. <i>PLoS Pathogens</i> , 2008, 4, e13.	2.1	184
58	Mitochondrial Dysfunction in Lyssavirus-Induced Apoptosis. <i>Journal of Virology</i> , 2008, 82, 4774-4784.	1.5	38
59	Monitoring of chloride and activity of glycine receptor channels using genetically encoded fluorescent sensors. <i>Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences</i> , 2008, 366, 3445-3462.	1.6	17
60	Rabies virus matrix protein interplay with eIF3, new insights into rabies virus pathogenesis. <i>Nucleic Acids Research</i> , 2007, 35, 1522-1532.	6.5	62
61	Measles virus V protein blocks Jak1-mediated phosphorylation of STAT1 to escape IFN- $\hat{I}^2$ signaling. <i>Virology</i> , 2007, 368, 351-362.	1.1	118
62	Regulation of cellular zinc balance as a potential mechanism of EVER-mediated protection against pathogenesis by cutaneous oncogenic human papillomaviruses. <i>Journal of Cell Biology</i> , 2007, 179, i21-i21.	2.3	0
63	Cottontail Rabbit Papillomavirus E8 Protein Is Essential for Wart Formation and Provides New Insights into Viral Pathogenesis. <i>Journal of Virology</i> , 2006, 80, 4890-4900.	1.5	35
64	Human Papillomavirus Type 5 E6 Oncoprotein Represses the Transforming Growth Factor $\hat{I}^2$ Signaling Pathway by Binding to SMAD3. <i>Journal of Virology</i> , 2006, 80, 12420-12424.	1.5	53
65	A variant in the CD209 promoter is associated with severity of dengue disease. <i>Nature Genetics</i> , 2005, 37, 507-513.	9.4	267
66	Antiviral Drug Discovery Strategy Using Combinatorial Libraries of Structurally Constrained Peptides. <i>Journal of Virology</i> , 2004, 78, 7410-7417.	1.5	44
67	Targeting of incoming retroviral Gag to the centrosome involves a direct interaction with the dynein light chain 8. <i>Journal of Cell Science</i> , 2003, 116, 3433-3442.	1.2	107
68	A Novel Expression Cassette of Lyssavirus Shows that the Distantly Related Mokola Virus Can Rescue a Defective Rabies Virus Genome. <i>Journal of Virology</i> , 2002, 76, 2024-2027.	1.5	53
69	Integrated version of reverse two-hybrid system for the postproteomic era. <i>Methods in Enzymology</i> , 2002, 350, 525-545.	0.4	10
70	Functional Interaction Map of Lyssavirus Phosphoprotein: Identification of the Minimal Transcription Domains. <i>Journal of Virology</i> , 2001, 75, 9613-9622.	1.5	76
71	Molecular basis for the interaction between rabies virus phosphoprotein P and the dynein light chain LC8: dissociation of dynein-binding properties and transcriptional functionality of P. <i>Journal of General Virology</i> , 2001, 82, 2691-2696.	1.3	81
72	Cytoplasmic Dynein LC8 Interacts with Lyssavirus Phosphoprotein. <i>Journal of Virology</i> , 2000, 74, 10217-10222.	1.5	205

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73	Lyssavirus glycoproteins expressing immunologically potent foreign B cell and cytotoxic T lymphocyte epitopes as prototypes for multivalent vaccines. <i>Journal of General Virology</i> , 1999, 80, 2343-2351.	1.3	14
74	Chimeric Lyssavirus Glycoproteins with Increased Immunological Potential. <i>Journal of Virology</i> , 1999, 73, 225-233.	1.5	75
75	DNA-based immunization for exploring the enlargement of immunological cross-reactivity against the lyssaviruses. <i>Vaccine</i> , 1998, 16, 417-425.	1.7	79
76	Cloning and sequencing of a rat CuZn superoxide dismutase cDNA. Correlation between CuZn superoxide dismutase mRNA level and enzyme activity in rat and mouse tissues. <i>FEBS Journal</i> , 1987, 166, 181-187.	0.2	54
77	The smaller helical repeat of poly(dA) . poly(dT) relative to DNA may reflect the wedge property of the dA . dT base pair. <i>FEBS Journal</i> , 1984, 138, 253-257.	0.2	27