

# Alessia Ruggieri

## List of Publications by Year in descending order

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46  
papers

2,807  
citations

236833

25  
h-index

243529

44  
g-index

51  
all docs

51  
docs citations

51  
times ranked

4370  
citing authors

#	ARTICLE	IF	CITATIONS
1	Ultrastructural Characterization of Zika Virus Replication Factories. <i>Cell Reports</i> , 2017, 18, 2113-2123.	2.9	274
2	Integrative Imaging Reveals SARS-CoV-2-Induced Reshaping of Subcellular Morphologies. <i>Cell Host and Microbe</i> , 2020, 28, 853-866.e5.	5.1	213
3	Dengue Virus Perturbs Mitochondrial Morphodynamics to Dampen Innate Immune Responses. <i>Cell Host and Microbe</i> , 2016, 20, 342-356.	5.1	207
4	The Envelope Glycoprotein of Human Endogenous Retrovirus Type W Uses a Divergent Family of Amino Acid Transporters/Cell Surface Receptors. <i>Journal of Virology</i> , 2002, 76, 6442-6452.	1.5	171
5	Dynamic Oscillation of Translation and Stress Granule Formation Mark the Cellular Response to Virus Infection. <i>Cell Host and Microbe</i> , 2012, 12, 71-85.	5.1	166
6	Identification of type I and type II interferon-induced effectors controlling hepatitis C virus replication. <i>Hepatology</i> , 2012, 56, 2082-2093.	3.6	138
7	The Lipid Kinase Phosphatidylinositol-4 Kinase III Alpha Regulates the Phosphorylation Status of Hepatitis C Virus NS5A. <i>PLoS Pathogens</i> , 2013, 9, e1003359.	2.1	110
8	Expression patterns of transcribed human endogenous retrovirus HERV-K(HML-2) loci in human tissues and the need for a HERV Transcriptome Project. <i>BMC Genomics</i> , 2008, 9, 354.	1.2	95
9	Dance with the Devil: Stress Granules and Signaling in Antiviral Responses. <i>Viruses</i> , 2020, 12, 984.	1.5	92
10	The Interactomes of Influenza Virus NS1 and NS2 Proteins Identify New Host Factors and Provide Insights for ADAR1 Playing a Supportive Role in Virus Replication. <i>PLoS Pathogens</i> , 2013, 9, e1003440.	2.1	91
11	microRNA-122 amplifies hepatitis C virus translation by shaping the structure of the internal ribosomal entry site. <i>Nature Communications</i> , 2018, 9, 2613.	5.8	90
12	Spatiotemporal Coupling of the Hepatitis C Virus Replication Cycle by Creating a Lipid Droplet-Proximal Membranous Replication Compartment. <i>Cell Reports</i> , 2019, 27, 3602-3617.e5.	2.9	86
13	m6A RNA methylation, a new hallmark in virus-host interactions. <i>Journal of General Virology</i> , 2017, 98, 2207-2214.	1.3	85
14	Flavivirus Infection Uncouples Translation Suppression from Cellular Stress Responses. <i>MBio</i> , 2017, 8, .	1.8	81
15	Activation of a Cell Entry Pathway Common to Type C Mammalian Retroviruses by Soluble Envelope Fragments. <i>Journal of Virology</i> , 2000, 74, 295-304.	1.5	79
16	The host-cell restriction factor SERINC5 restricts HIV-1 infectivity without altering the lipid composition and organization of viral particles. <i>Journal of Biological Chemistry</i> , 2017, 292, 13702-13713.	1.6	76
17	CDK1 couples proliferation with protein synthesis. <i>Journal of Cell Biology</i> , 2020, 219, .	2.3	58
18	Identification of HNRNPK as Regulator of Hepatitis C Virus Particle Production. <i>PLoS Pathogens</i> , 2015, 11, e1004573.	2.1	56

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19	Identification of an Envelope Protein from the FRD Family of Human Endogenous Retroviruses (HERV-FRD) Conferring Infectivity and Functional Conservation among Simians. <i>Journal of Virology</i> , 2004, 78, 1050-1054.	1.5	55
20	DDX60L Is an Interferon-Stimulated Gene Product Restricting Hepatitis C Virus Replication in Cell Culture. <i>Journal of Virology</i> , 2015, 89, 10548-10568.	1.5	50
21	Live Cell Analysis and Mathematical Modeling Identify Determinants of Attenuation of Dengue Virus 2â€™-O-Methylation Mutant. <i>PLoS Pathogens</i> , 2015, 11, e1005345.	2.1	49
22	Control of temporal activation of hepatitis C virus-induced interferon response by domain 2 of nonstructural protein 5A. <i>Journal of Hepatology</i> , 2015, 63, 829-837.	1.8	47
23	Persistence of HCV in Quiescent Hepatic Cells Under Conditions of an Interferon-Induced Antiviral Response. <i>Gastroenterology</i> , 2012, 143, 429-438.e8.	0.6	41
24	Norovirus infection results in eIF2Î± independent host translation shut-off and remodels the G3BP1 interactome evading stress granule formation. <i>PLoS Pathogens</i> , 2020, 16, e1008250.	2.1	41
25	SARS-CoV-2 variants of concern display enhanced intrinsic pathogenic properties and expanded organ tropism in mouse models. <i>Cell Reports</i> , 2022, 38, 110387.	2.9	32
26	Sensing of HIV-1 Infection in Tzm-bl Cells with Reconstituted Expression of STING. <i>Journal of Virology</i> , 2016, 90, 2064-2076.	1.5	29
27	Relationship between SU Subdomains That Regulate the Receptor-Mediated Transition from the Native (Fusion-Inhibited) to the Fusion-Active Conformation of the Murine Leukemia Virus Glycoprotein. <i>Journal of Virology</i> , 2002, 76, 9673-9685.	1.5	28
28	A Coupled Mathematical Model of the Intracellular Replication of Dengue Virus and the Host Cell Immune Response to Infection. <i>Frontiers in Microbiology</i> , 2020, 11, 725.	1.5	28
29	Human endogenous retrovirus HERV-K(HML-2) encodes a stable signal peptide with biological properties distinct from Rec. <i>Retrovirology</i> , 2009, 6, 17.	0.9	27
30	SAR of novel benzothiazoles targeting an allosteric pocket of DENV and ZIKV NS2B/NS3 proteases. <i>Bioorganic and Medicinal Chemistry</i> , 2021, 47, 116392.	1.4	25
31	A Versatile Reporter System To Monitor Virus-Infected Cells and Its Application to Dengue Virus and SARS-CoV-2. <i>Journal of Virology</i> , 2021, 95, .	1.5	21
32	Synthetic virions reveal fatty acid-coupled adaptive immunogenicity of SARS-CoV-2 spike glycoprotein. <i>Nature Communications</i> , 2022, 13, 868.	5.8	20
33	Expression pattern analysis of transcribed HERV sequences is complicated by ex vivo recombination. <i>Retrovirology</i> , 2007, 4, 39.	0.9	19
34	Reciprocal Effects of Fibroblast Growth Factor Receptor Signaling on Dengue Virus Replication and Virion Production. <i>Cell Reports</i> , 2019, 27, 2579-2592.e6.	2.9	17
35	Chemical targeting of NEET proteins reveals their function in mitochondrial morphodynamics. <i>EMBO Reports</i> , 2020, 21, e49019.	2.0	15
36	The YEATS family member GAS41 interacts with the general transcription factor TFIIF. <i>BMC Molecular Biology</i> , 2010, 11, 53.	3.0	14

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37	Temporal control of the integrated stress response by a stochastic molecular switch. <i>Science Advances</i> , 2022, 8, eabk2022.	4.7	13
38	Development of Dengue Virus Serotype-Specific NS1 Capture Assays for the Rapid and Highly Sensitive Identification of the Infecting Serotype in Human Sera. <i>Journal of Immunology</i> , 2018, 200, 3857-3866.	0.4	11
39	<i>GAS41</i> amplification results in overexpression of a new spindle pole protein. <i>Genes Chromosomes and Cancer</i> , 2012, 51, 868-880.	1.5	8
40	Generation of monoclonal antibodies against native viral proteins using antigen-expressing mammalian cells for mouse immunization. <i>BMC Biotechnology</i> , 2016, 16, 83.	1.7	7
41	An epigenetic "extreme makeover": the methylation of flaviviral RNA (and beyond). <i>RNA Biology</i> , 2021, 18, 696-708.	1.5	7
42	SIV Vectors. , 2003, 229, 233-249.		4
43	Dengue virus is sensitive to inhibition prior to productive replication. <i>Cell Reports</i> , 2021, 37, 109801.	2.9	4
44	A signal to condense. <i>Nature Chemical Biology</i> , 2019, 15, 5-6.	3.9	3
45	Going full circle: Validation of P-body dispersion in hepatitis C virus-infected patients. <i>Journal of Hepatology</i> , 2015, 62, 756-758.	1.8	0
46	Monitoring Virus-Induced Stress Granule Dynamics Using Long-Term Live-Cell Imaging. <i>Methods in Molecular Biology</i> , 2022, 2428, 325-348.	0.4	0