Alessia Ruggieri

List of Publications by Year
in descending order

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	SARS-CoV-2 variants of concern display enhanced intrinsic pathogenic properties and expanded organ tropism in mouse models. Cell Reports, 2022, 38, 110387.	2.9	32
2	Monitoring Virus-Induced Stress Granule Dynamics Using Long-Term Live-Cell Imaging. Methods in Molecular Biology, 2022, 2428, 325-348.	0.4	0
3	Synthetic virions reveal fatty acid-coupled adaptive immunogenicity of SARS-CoV-2 spike glycoprotein. Nature Communications, 2022, 13, 868.	5.8	20
4	Temporal control of the integrated stress response by a stochastic molecular switch. Science Advances, 2022, 8, eabk2022.	4.7	13
5	A Versatile Reporter System To Monitor Virus-Infected Cells and Its Application to Dengue Virus and SARS-CoV-2. Journal of Virology, 2021, 95, .	1.5	21
6	An epigenetic â€˜extreme makeoverâ€™: the methylation of flaviviral RNA (and beyond). RNA Biology, 2021, 18, 696-708.	1.5	7
7	SAR of novel benzothiazoles targeting an allosteric pocket of DENV and ZIKV NS2B/NS3 proteases. Bioorganic and Medicinal Chemistry, 2021, 47, 116392.	1.4	25
8	Dengue virus is sensitive to inhibition prior to productive replication. Cell Reports, 2021, 37, 109801.	2.9	4
9	Norovirus infection results in eIF2Î± independent host translation shut-off and remodels the G3BP1 interactome evading stress granule formation. PLoS Pathogens, 2020, 16, e1008250.	2.1	41
10	Integrative Imaging Reveals SARS-CoV-2-Induced Reshaping of Subcellular Morphologies. Cell Host and Microbe, 2020, 28, 853-866.e5.	5.1	213
11	Dance with the Devil: Stress Granules and Signaling in Antiviral Responses. Viruses, 2020, 12, 984.	1.5	92
12	A Coupled Mathematical Model of the Intracellular Replication of Dengue Virus and the Host Cell Immune Response to Infection. Frontiers in Microbiology, 2020, 11, 725.	1.5	28
13	CDK1 couples proliferation with protein synthesis. Journal of Cell Biology, 2020, 219, .	2.3	58
14	Chemical targeting of NEET proteins reveals their function in mitochondrial morphodynamics. EMBO Reports, 2020, 21, e49019.	2.0	15
15	Spatiotemporal Coupling of the Hepatitis C Virus Replication Cycle by Creating a Lipid Droplet-Proximal Membranous Replication Compartment. Cell Reports, 2019, 27, 3602-3617.e5.	2.9	86
16	Reciprocal Effects of Fibroblast Growth Factor Receptor Signaling on Dengue Virus Replication and Virion Production. Cell Reports, 2019, 27, 2579-2592.e6.	2.9	17
17	A signal to condense. Nature Chemical Biology, 2019, 15, 5-6.	3.9	3
18	Development of Dengue Virus Serotypeâ€“Specific NS1 Capture Assays for the Rapid and Highly Sensitive Identification of the Infecting Serotype in Human Sera. Journal of Immunology, 2018, 200, 3857-3866.	0.4	11

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19	microRNA-122 amplifies hepatitis C virus translation by shaping the structure of the internal ribosomal entry site. Nature Communications, 2018, 9, 2613.	5.8	90
20	Flavivirus Infection Uncouples Translation Suppression from Cellular Stress Responses. MBio, 2017, 8, .	1.8	81
21	Ultrastructural Characterization of Zika Virus Replication Factories. Cell Reports, 2017, 18, 2113-2123.	2.9	274
22	The host-cell restriction factor SERINC5 restricts HIV-1 infectivity without altering the lipid composition and organization of viral particles. Journal of Biological Chemistry, 2017, 292, 13702-13713.	1.6	76
23	m6A RNA methylation, a new hallmark in virus-host interactions. Journal of General Virology, 2017, 98, 2207-2214.	1.3	85
24	Dengue Virus Perturbs Mitochondrial Morphodynamics to Dampen Innate Immune Responses. Cell Host and Microbe, 2016, 20, 342-356.	5.1	207
25	Generation of monoclonal antibodies against native viral proteins using antigen-expressing mammalian cells for mouse immunization. BMC Biotechnology, 2016, 16, 83.	1.7	7
26	Sensing of HIV-1 Infection in Tzm-bl Cells with Reconstituted Expression of STING. Journal of Virology, 2016, 90, 2064-2076.	1.5	29
27	Live Cell Analysis and Mathematical Modeling Identify Determinants of Attenuation of Dengue Virus 2â€™-O-Methylation Mutant. PLoS Pathogens, 2015, 11, e1005345.	2.1	49
28	Going full circle: Validation of P-body dispersion in hepatitis C virus-infected patients. Journal of Hepatology, 2015, 62, 756-758.	1.8	0
29	Identification of HNRNPK as Regulator of Hepatitis C Virus Particle Production. PLoS Pathogens, 2015, 11, e1004573.	2.1	56
30	Control of temporal activation of hepatitis C virus-induced interferon response by domain 2 of nonstructural protein 5A. Journal of Hepatology, 2015, 63, 829-837.	1.8	47
31	DDX60L Is an Interferon-Stimulated Gene Product Restricting Hepatitis C Virus Replication in Cell Culture. Journal of Virology, 2015, 89, 10548-10568.	1.5	50
32	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. PLoS Pathogens, 2013, 9, e1003440.	2.1	91
33	The Lipid Kinase Phosphatidylinositol-4 Kinase III Alpha Regulates the Phosphorylation Status of Hepatitis C Virus NS5A. PLoS Pathogens, 2013, 9, e1003359.	2.1	110
34	Dynamic Oscillation of Translation and Stress Granule Formation Mark the Cellular Response to Virus Infection. Cell Host and Microbe, 2012, 12, 71-85.	5.1	166
35	Identification of type I and type II interferon-induced effectors controlling hepatitis C virus replication. Hepatology, 2012, 56, 2082-2093.	3.6	138
36	Persistence of HCV in Quiescent Hepatic Cells Under Conditions of an Interferon-Induced Antiviral Response. Gastroenterology, 2012, 143, 429-438.e8.	0.6	41

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37	<i>GAS41</i> amplification results in overexpression of a new spindle pole protein. Genes Chromosomes and Cancer, 2012, 51, 868-880.	1.5	8
38	The YEATS family member GAS41 interacts with the general transcription factor TFIIF. BMC Molecular Biology, 2010, 11, 53.	3.0	14
39	Human endogenous retrovirus HERV-K(HML-2) encodes a stable signal peptide with biological properties distinct from Rec. Retrovirology, 2009, 6, 17.	0.9	27
40	Expression patterns of transcribed human endogenous retrovirus HERV-K(HML-2) loci in human tissues and the need for a HERV Transcriptome Project. BMC Genomics, 2008, 9, 354.	1.2	95
41	Expression pattern analysis of transcribed HERV sequences is complicated by ex vivo recombination. Retrovirology, 2007, 4, 39.	0.9	19
42	Identification of an Envelope Protein from the FRD Family of Human Endogenous Retroviruses (HERV-FRD) Conferring Infectivity and Functional Conservation among Simians. Journal of Virology, 2004, 78, 1050-1054.	1.5	55
43	SIV Vectors. , 2003, 229, 233-249.		4
44	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. Journal of Virology, 2002, 76, 9673-9685.	1.5	28
45	The Envelope Glycoprotein of Human Endogenous Retrovirus Type W Uses a Divergent Family of Amino Acid Transporters/Cell Surface Receptors. Journal of Virology, 2002, 76, 6442-6452.	1.5	171
46	Activation of a Cell Entry Pathway Common to Type C Mammalian Retroviruses by Soluble Envelope Fragments. Journal of Virology, 2000, 74, 295-304.	1.5	79