Charles M Rice

List of Publications by Year
in descending order

191	35,547	9786 73	3915 177
papers	citations	h-index	g-index

209	209	209	42516
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Interferon-Stimulated Genes: A Complex Web of Host Defenses. Annual Review of Immunology, 2014, 32, 513-545.	21.8	2,318
2	Complete Replication of Hepatitis C Virus in Cell Culture. Science, 2005, 309, 623-626.	12.6	2,099
3	A diverse range of gene products are effectors of the type I interferon antiviral response. Nature, 2011, 472, 481-485.	27.8	2,054
4	Autoantibodies against type I IFNs in patients with life-threatening COVID-19. Science, 2020, 370, .	12.6	1,983
5	FLAVIVIRUS GENOME ORGANIZATION, EXPRESSION, AND REPLICATION. Annual Review of Microbiology, 1990, 44, 649-688.	7.3	1,829
6	Inborn errors of type I IFN immunity in patients with life-threatening COVID-19. Science, 2020, 370, .	12.6	1,749
7	Convergent antibody responses to SARS-CoV-2 in convalescent individuals. Nature, 2020, 584, 437-442.	27.8	1,742
8	Efficient Initiation of HCV RNA Replication in Cell Culture. Science, 2000, 290, 1972-1974.	12.6	1,312
9	Escape from neutralizing antibodies by SARS-CoV-2 spike protein variants. ELife, 2020, 9, .	6.0	1,239
10	Highly Permissive Cell Lines for Subgenomic and Genomic Hepatitis C Virus RNA Replication. Journal of Virology, 2002, 76, 13001-13014.	3.4	1,093
11	Pan-viral specificity of IFN-induced genes reveals new roles for cGAS in innate immunity. Nature, 2014, 505, 691-695.	27.8	773
12	HCV Persistence and Immune Evasion in the Absence of Memory T Cell Help. Science, 2003, 302, 659-662.	12.6	747
13	Transmission of Hepatitis C by Intrahepatic Inoculation with Transcribed RNA. Science, 1997, 277, 570-574.	12.6	670
14	Naturally enhanced neutralizing breadth against SARS-CoV-2 one year after infection. Nature, 2021, 595, 426-431.	27.8	610
15	Long-Term Expansion of Functional Mouse and Human Hepatocytes as 3D Organoids. Cell, 2018, 175, 1591-1606.e19.	28.9	505
16	Measuring SARS-CoV-2 neutralizing antibody activity using pseudotyped and chimeric viruses. Journal of Experimental Medicine, 2020, 217, .	8.5	503
17	Hepatitis C Virus p7 and NS2 Proteins Are Essential for Production of Infectious Virus. Journal of Virology, 2007, 81, 8374-8383.	3.4	398
18	Enhanced SARS-CoV-2 neutralization by dimeric IgA. Science Translational Medicine, 2021, 13, .	12.4	379

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19	Human ADAR1 Prevents Endogenous RNA from Triggering Translational Shutdown. Cell, 2018, 172, 811-824.e14.	28.9	375
20	Autoantibodies neutralizing type I IFNs are present in ~4% of uninfected individuals over 70 years old and account for ~20% of COVID-19 deaths. Science Immunology, 2021, 6, .	11.9	357
21	Interferons and viruses: an evolutionary arms race of molecular interactions. Trends in Immunology, 2015, 36, 124-138.	6.8	353
22	The RNA Sensor RIG-I Dually Functions as an Innate Sensor and Direct Antiviral Factor for Hepatitis B Virus. Immunity, 2015, 42, 123-132.	14.3	353
23	Genome-Scale Identification of SARS-CoV-2 and Pan-coronavirus Host Factor Networks. Cell, 2021, 184, 120-132.e14.	28.9	328
24	The ins and outs of hepatitis C virus entry and assembly. Nature Reviews Microbiology, 2013, 11, 688-700.	28.6	324
25	Hepatitis C Virus RNA Functionally Sequesters miR-122. Cell, 2015, 160, 1099-1110.	28.9	324
26	Intrinsic Immunity Shapes Viral Resistance of Stem Cells. Cell, 2018, 172, 423-438.e25.	28.9	289
27	Recurrent Potent Human Neutralizing Antibodies to Zika Virus in Brazil and Mexico. Cell, 2017, 169, 597-609.e11.	28.9	279
28	miRNAâ€“target chimeras reveal miRNA 3â€²-end pairing as a major determinant of Argonaute target specificity. Nature Communications, 2015, 6, 8864.	12.8	268
29	Host-cell sensors for Plasmodium activate innate immunity against liver-stage infection. Nature Medicine, 2014, 20, 47-53.	30.7	256
30	Characterization of a canine homolog of hepatitis C virus. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 11608-11613.	7.1	250
31	CRISPR/Cas9 cleavage of viral DNA efficiently suppresses hepatitis B virus. Scientific Reports, 2015, 5, 10833.	3.3	245
32	Interferon-Î³ regulates cellular metabolism and mRNA translation to potentiate macrophage activation. Nature Immunology, 2015, 16, 838-849.	14.5	239
33	Real-time imaging of hepatitis C virus infection using a fluorescent cell-based reporter system. Nature Biotechnology, 2010, 28, 167-171.	17.5	235
34	Modeling host interactions with hepatitis B virus using primary and induced pluripotent stem cell-derived hepatocellular systems. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 12193-12198.	7.1	220
35	Serology-Enabled Discovery of Genetically Diverse Hepaciviruses in a New Host. Journal of Virology, 2012, 86, 6171-6178.	3.4	219
36	Identification of Interferon-Stimulated Genes with Antiretroviral Activity. Cell Host and Microbe, 2016, 20, 392-405.	11.0	215

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37	Broadly neutralizing antibodies abrogate established hepatitis C virus infection. Science Translational Medicine, 2014, 6, 254ra129.	12.4	204
38	Identification of Rodent Homologs of Hepatitis C Virus and Pegiviruses. MBio, 2013, 4, e00216-13.	4.1	187
39	A stable full-length yellow fever virus cDNA clone and the role of conserved RNA elements in flavivirus replication. Journal of General Virology, 2003, 84, 1261-1268.	2.9	185
40	Sofosbuvir Inhibits Hepatitis E Virus Replication In Vitro and Results in an Additive Effect When Combined With Ribavirin. Gastroenterology, 2016, 150, 82-85.e4.	1.3	175
41	LY6E impairs coronavirus fusion and confers immune control of viral disease. Nature Microbiology, 2020, 5, 1330-1339.	13.3	170
42	IFITM3 directly engages and shuttles incoming virus particles to lysosomes. Nature Chemical Biology, 2019, 15, 259-268.	8.0	169
43	Dengue reporter viruses reveal viral dynamics in interferon receptor-deficient mice and sensitivity to interferon effectors in vitro. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 14610-14615.	7.1	166
44	TRIM25 Enhances the Antiviral Action of Zinc-Finger Antiviral Protein (ZAP). PLoS Pathogens, 2017, 13, e1006145.	4.7	160
45	Immunotherapy of chronic hepatitis C virus infection with antibodies against programmed cell death-1 (PD-1). Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 15001-15006.	7.1	154
46	Continuous human cell lines inducibly expressing hepatitis C virus structural and nonstructural proteins. Hepatology, 1998, 28, 192-201.	7.3	149
47	Virus associated malignancies: The role of viral hepatitis in hepatocellular carcinoma. Seminars in Cancer Biology, 2014, 26, 78-88.	9.6	149
48	Infectious Bovine Viral Diarrhea Virus (Strain NADL) RNA from Stable cDNA Clones: a Cellular Insert Determines NS3 Production and Viral Cytopathogenicity. Journal of Virology, 1998, 72, 4737-4745.	3.4	140
49	A protein-interaction network of interferon-stimulated genes extends the innate immune system landscape. Nature Immunology, 2019, 20, 493-502.	14.5	139
50	A Serpin Shapes the Extracellular Environment to Prevent Influenza A Virus Maturation. Cell, 2015, 160, 631-643.	28.9	137
51	In situ expansion of engineered human liver tissue in a mouse model of chronic liver disease. Science Translational Medicine, 2017, 9, .	12.4	133
52	Auto-antibodies to type I IFNs can underlie adverse reactions to yellow fever live attenuated vaccine. Journal of Experimental Medicine, 2021, 218, .	8.5	130
53	Fc-engineered antibody therapeutics with improved anti-SARS-CoV-2 efficacy. Nature, 2021, 599, 465-470.	27.8	129
54	Inherited IFNAR1 deficiency in otherwise healthy patients with adverse reaction to measles and yellow fever live vaccines. Journal of Experimental Medicine, 2019, 216, 2057-2070.	8.5	127

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55	TMEM41B Is a Pan-flavivirus Host Factor. Cell, 2021, 184, 133-148.e20.	28.9	127
56	Functional interrogation of a SARS-CoV-2 host protein interactome identifies unique and shared coronavirus host factors. Cell Host and Microbe, 2021, 29, 267-280.e5.	11.0	127
57	Critical challenges and emerging opportunities in hepatitis C virus research in an era of potent antiviral therapy: Considerations for scientists and funding agencies. Virus Research, 2018, 248, 53-62.	2.2	124
58	Cis-acting RNA elements at the 5â€² end of Sindbis virus genome RNA regulate minus- and plus-strand RNA synthesis. Rna, 2001, 7, 1638-1651.	3.5	119
59	Micropatterned coculture of primary human hepatocytes and supportive cells for the study of hepatotropic pathogens. Nature Protocols, 2015, 10, 2027-2053.	12.0	119
60	SEC14L2 enables pan-genotype HCV replication in cell culture. Nature, 2015, 524, 471-475.	27.8	112
61	The risk of COVID-19 death is much greater and age dependent with type I IFN autoantibodies. Proceedings of the National Academy of Sciences of the United States of America, 2022, 119, e2200413119.	7.1	110
62	A Broad RNA Virus Survey Reveals Both miRNA Dependence and Functional Sequestration. Cell Host and Microbe, 2016, 19, 409-423.	11.0	109
63	Identification and transcriptome analysis of erythroblastic island macrophages. Blood, 2019, 134, 480-491.	1.4	104
64	Mouse models of acute and chronic hepacivirus infection. Science, 2017, 357, 204-208.	12.6	99
65	Profiling SARS-CoV-2 HLA-I peptidome reveals TÂcell epitopes from out-of-frame ORFs. Cell, 2021, 184, 3962-3980.e17.	28.9	98
66	Multifaceted Activities of Type I Interferon Are Revealed by a Receptor Antagonist. Science Signaling, 2014, 7, ra50.	3.6	94
67	Interferon Lambda Alleles Predict Innate Antiviral Immune Responses and Hepatitis C Virus Permissiveness. Cell Host and Microbe, 2014, 15, 190-202.	11.0	94
68	Superior In vivo Transduction of Human Hepatocytes Using Engineered AAV3 Capsid. Molecular Therapy, 2016, 24, 1042-1049.	8.2	91
69	The IFN-Î»-IFN-Î»R1-IL-10RÎ² Complex Reveals Structural Features Underlying Type III IFN Functional Plasticity. Immunity, 2017, 46, 379-392.	14.3	89
70	Analysis of memory B cells identifies conserved neutralizing epitopes on the N-terminal domain of variant SARS-Cov-2 spike proteins. Immunity, 2022, 55, 998-1012.e8.	14.3	86
71	Characterization of nonprimate hepacivirus and construction of a functional molecular clone. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 2192-2197.	7.1	84
72	Identification of a Pegivirus (GB Virus-Like Virus) That Infects Horses. Journal of Virology, 2013, 87, 7185-7190.	3.4	82

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73	Complete nucleotide sequence of yellow fever virus vaccine strains 17DD and 17D-213. Virus Research, 1995, 35, 35-41.	2.2	81
74	Different Requirements for Scavenger Receptor Class B Type I in Hepatitis C Virus Cell-Free versus Cell-to-Cell Transmission. Journal of Virology, 2013, 87, 8282-8293.	3.4	81
75	Expression of paramyxovirus V proteins promotes replication and spread of hepatitis C virus in cultures of primary human fetal liver cells. Hepatology, 2011, 54, 1901-1912.	7.3	80
76	To translate, or not to translate: viral and host mRNA regulation by interferon-stimulated genes. Trends in Cell Biology, 2015, 25, 320-329.	7.9	79
77	New Parvovirus Associated with Serum Hepatitis in Horses after Inoculation of Common Biological Product. Emerging Infectious Diseases, 2018, 24, 303-310.	4.3	75
78	Male germ cells support long-term propagation of Zika virus. Nature Communications, 2018, 9, 2090.	12.8	75
79	Increased Replicative Fitness Can Lead to Decreased Drug Sensitivity of Hepatitis C Virus. Journal of Virology, 2014, 88, 12098-12111.	3.4	74
80	Humanized mice efficiently engrafted with fetal hepatoblasts and syngeneic immune cells develop human monocytes and NK cells. Journal of Hepatology, 2016, 65, 334-343.	3.7	73
81	Control of human hemoglobin switching by LIN28B-mediated regulation of BCL11A translation. Nature Genetics, 2020, 52, 138-145.	21.4	73
82	Inherited IL-18BP deficiency in human fulminant viral hepatitis. Journal of Experimental Medicine, 2019, 216, 1777-1790.	8.5	70
83	cis-acting RNA elements required for replication of bovine viral diarrhea virusâ€“hepatitis C virus 5â€² nontranslated region chimeras. Rna, 1998, 4, 1418-1435.	3.5	67
84	Identification and Characterization of the Host Protein DNAJC14 as a Broadly Active Flavivirus Replication Modulator. PLoS Pathogens, 2011, 7, e1001255.	4.7	67
85	Effects of amino acid substitutions in hepatitis B virus surface protein on virion secretion, antigenicity, HBsAg and viral DNA. Journal of Hepatology, 2017, 66, 288-296.	3.7	65
86	Recapitulation of the hepatitis C virus life-cycle in engineered murine cell lines. Virology, 2013, 444, 1-11.	2.4	64
87	Argonaute CLIP Defines a Deregulated miR-122-Bound Transcriptome that Correlates with Patient Survival in Human Liver Cancer. Molecular Cell, 2017, 67, 400-410.e7.	9.7	64
88	Lethal Mutagenesis of Hepatitis C Virus Induced by Favipiravir. PLoS ONE, 2016, 11, e0164691.	2.5	63
89	Proteomics of HCV virions reveals an essential role for the nucleoporin Nup98 in virus morphogenesis. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, 2484-2489.	7.1	63
90	ATP-Dependent Effector-like Functions of RIG-I-like Receptors. Molecular Cell, 2015, 58, 541-548.	9.7	62

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91	A robust cell culture system supporting the complete life cycle of hepatitis B virus. Scientific Reports, 2017, 7, 16616.	3.3	61
92	A Combination of Two Human Monoclonal Antibodies Prevents Zika Virus Escape Mutations in Non-human Primates. Cell Reports, 2018, 25, 1385-1394.e7.	6.4	61
93	Characterization of Novel Splice Variants of Zinc Finger Antiviral Protein (ZAP). Journal of Virology, 2019, 93, .	3.4	61
94	Stem cell-derived polarized hepatocytes. Nature Communications, 2020, 11, 1677.	12.8	60
95	Viral persistence, liver disease, and host response in a hepatitis Câ€“like virus rat model. Hepatology, 2018, 68, 435-448.	7.3	59
96	Recessive inborn errors of type I IFN immunity in children with COVID-19 pneumonia. Journal of Experimental Medicine, 2022, 219, .	8.5	59
97	Tuning a cellular lipid kinase activity adapts hepatitis C virus to replication in cell culture. Nature Microbiology, 2017, 2, 16247.	13.3	52
98	Diverse Viruses Require the Calcium Transporter SPCA1 for Maturation and Spread. Cell Host and Microbe, 2017, 22, 460-470.e5.	11.0	52
99	Decoupling expression and editing preferences of ADAR1 p150 and p110 isoforms. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	7.1	52
100	Quantitative Proteomics Identifies Serum Response Factor Binding Protein 1 as a Host Factor for Hepatitis C Virus Entry. Cell Reports, 2015, 12, 864-878.	6.4	50
101	Replication and single-cycle delivery of SARS-CoV-2 replicons. Science, 2021, 374, 1099-1106.	12.6	49
102	Interferon-Stimulated Gene (ISG)-Expression Screening Reveals the Specific Antibunyaviral Activity of ISG20. Journal of Virology, 2018, 92, .	3.4	48
103	A Combination of Human Broadly Neutralizing Antibodies against Hepatitis B Virus HBsAg with Distinct Epitopes Suppresses Escape Mutations. Cell Host and Microbe, 2020, 28, 335-349.e6.	11.0	48
104	Pan-Genotype Hepatitis E Virus Replication in Stem Cellâ€“Derived Hepatocellular Systems. Gastroenterology, 2018, 154, 663-674.e7.	1.3	46
105	Barrier-Independent, Fitness-Associated Differences in Sofosbuvir Efficacy against Hepatitis C Virus. Antimicrobial Agents and Chemotherapy, 2016, 60, 3786-3793.	3.2	42
106	Internal Disequilibria and Phenotypic Diversification during Replication of Hepatitis C Virus in a Noncoevolving Cellular Environment. Journal of Virology, 2017, 91, .	3.4	42
107	Bad time for Bonzo? Experimental models of hepatitis C virus infection, replication, and pathogenesis. Hepatology, 2001, 33, 489-495.	7.3	41
108	Risk of Zika microcephaly correlates with features of maternal antibodies. Journal of Experimental Medicine, 2019, 216, 2302-2315.	8.5	41

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109	Expansion, in vivoâ€“ex vivo cycling, and genetic manipulation of primary human hepatocytes. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 1678-1688.	7.1	41
110	Screening of the Pan-African Natural Product Library Identifies Ixoratannin A-2 and Boldine as Novel HIV-1 Inhibitors. PLoS ONE, 2015, 10, e0121099.	2.5	38
111	ZAPâ€™s stress granule localization is correlated with its antiviral activity and induced by virus replication. PLoS Pathogens, 2019, 15, e1007798.	4.7	37
112	Identification of interferon-stimulated genes that attenuate Ebola virus infection. Nature Communications, 2020, 11, 2953.	12.8	37
113	Treatment triumphs. Nature, 2014, 510, 43-44.	27.8	36
114	Defining the proteolytic landscape during enterovirus infection. PLoS Pathogens, 2020, 16, e1008927.	4.7	36
115	Longitudinal transcriptomic characterization of the immune response to acute hepatitis C virus infection in patients with spontaneous viral clearance. PLoS Pathogens, 2018, 14, e1007290.	4.7	33
116	Hepatitis C Virus Genotype 5a Subgenomic Replicons for Evaluation of Direct-Acting Antiviral Agents. Antimicrobial Agents and Chemotherapy, 2014, 58, 5386-5394.	3.2	32
117	RTP4 inhibits IFN-I response and enhances experimental cerebral malaria and neuropathology. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 19465-19474.	7.1	31
118	Hepatitis B virus induces RNR-R2 expression via DNA damage response activation. Journal of Hepatology, 2015, 63, 789-796.	3.7	30
119	Differential Regulation of Lipoprotein and Hepatitis C Virus Secretion by Rab1b. Cell Reports, 2017, 21, 431-441.	6.4	28
120	Identification of Novel Therapeutic Targets for Fibrolamellar Carcinoma Using Patient-Derived Xenografts and Direct-from-Patient Screening. Cancer Discovery, 2021, 11, 2544-2563.	9.4	27
121	Broad and potent neutralizing human antibodies to tick-borne flaviviruses protect mice from disease. Journal of Experimental Medicine, 2021, 218, .	8.5	25
122	miRNA independent hepacivirus variants suggest a strong evolutionary pressure to maintain miR-122 dependence. PLoS Pathogens, 2017, 13, e1006694.	4.7	25
123	Chaperone-Assisted Protein Folding Is Critical for Yellow Fever Virus NS3/4A Cleavage and Replication. Journal of Virology, 2016, 90, 3212-3228.	3.4	24
124	A combination of two human monoclonal antibodies limits fetal damage by Zika virus in macaques. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 7981-7989.	7.1	24
125	System-wide transcriptome damage and tissue identity loss in COVID-19 patients. Cell Reports Medicine, 2022, 3, 100522.	6.5	24
126	Is CD81 the key to hepatitis C virus entry?. Hepatology, 1999, 29, 990-992.	7.3	23

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127	New Methods in Tissue Engineering: Improved Models for Viral Infection. Annual Review of Virology, 2014, 1, 475-499.	6.7	23
128	Global mapping of miRNA-target interactions in cattle (Bos taurus). Scientific Reports, 2017, 7, 8190.	3.3	23
129	Liver-expressed Cd302 and Cr1l limit hepatitis C virus cross-species transmission to mice. Science Advances, 2020, 6, .	10.3	23
130	Hepatitis C virus infects rhesus macaque hepatocytes and simianized mice. Hepatology, 2015, 62, 57-67.	7.3	22
131	Tumor Necrosis Factor Inhibits Spread of Hepatitis C Virus Among Liver Cells, Independent From Interferons. Gastroenterology, 2017, 153, 566-578.e5.	1.3	22
132	Antiviral resistance of stem cells. Current Opinion in Immunology, 2019, 56, 50-59.	5.5	22
133	Controlled Human Infection Model â€" Fast Track to HCV Vaccine?. New England Journal of Medicine, 2021, 385, 1235-1240.	27.0	22
134	Seed Sequence-Matched Controls Reveal Limitations of Small Interfering RNA Knockdown in Functional and Structural Studies of Hepatitis C Virus NS5A-MOBKL1B Interaction. Journal of Virology, 2014, 88, 11022-11033.	3.4	21
135	Identification of AP80978, a Novel Small-Molecule Inhibitor of Hepatitis C Virus Replication That Targets NS4B. Antimicrobial Agents and Chemotherapy, 2014, 58, 3399-3410.	3.2	20
136	Fast Hepatitis C Virus RNA Elimination and NS5A Redistribution by NS5A Inhibitors Studied by a Multiplex Assay Approach. Antimicrobial Agents and Chemotherapy, 2015, 59, 3482-3492.	3.2	20
137	NS5A Promotes Constitutive Degradation of IP3R3 to Counteract Apoptosis Induced by Hepatitis C Virus. Cell Reports, 2018, 25, 833-840.e3.	6.4	20
138	Crippling life support for SARS-CoV-2 and other viruses through synthetic lethality. Journal of Cell Biology, 2020, 219, .	5.2	20
139	Loss of Sendai virus C protein leads to accumulation of RIG-I immunostimulatory defective interfering RNA. Journal of General Virology, 2017, 98, 1282-1293.	2.9	20
140	Treating hepatitis C: Can you teach old dogs new tricks?. Hepatology, 2005, 42, 1455-1458.	7.3	17
141	Viral genome imaging of hepatitis C virus to probe heterogeneous viral infection and responses to antiviral therapies. Virology, 2016, 494, 236-247.	2.4	17
142	Genetic Variation at IFNL4 Influences Extrahepatic Interferon-Stimulated Gene Expression in Chronic HCV Patients. Journal of Infectious Diseases, 2018, 217, 650-655.	4.0	17
143	Equine pegiviruses cause persistent infection of bone marrow and are not associated with hepatitis. PLoS Pathogens, 2020, 16, e1008677.	4.7	17
144	Perspective: Miles to go before we sleep. Nature, 2011, 474, S8-S8.	27.8	16

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145	Singleâ€molecule imaging reveals the translocation and DNA looping dynamics of hepatitis C virus NS3 helicase. Protein Science, 2017, 26, 1391-1403.	7.6	16
146	Stem Cellâ€"Derived Culture Models of Hepatitis E Virus Infection. Cold Spring Harbor Perspectives in Medicine, 2019, 9, a031799.	6.2	16
147	Identification, Molecular Cloning, and Analysis of Full-Length Hepatitis C Virus Transmitted/Founder Genotypes 1, 3, and 4. MBio, 2015, 6, e02518.	4.1	15
148	The Spring Î±-Helix Coordinates Multiple Modes of HCV (Hepatitis C Virus) NS3 Helicase Action. Journal of Biological Chemistry, 2016, 291, 14499-14509.	3.4	15
149	T time for <scp>ADAR</scp> : <scp>ADAR</scp> 1 is required for T cell selfâ€tolerance. EMBO Reports, 2018, 19, .	4.5	15
150	Friend and foe, <scp>HNRNPC</scp> takes on immunostimulatory <scp>RNA</scp> s in breast cancer cells. EMBO Journal, 2018, 37, .	7.8	14
151	Visualization of Positive and Negative Sense Viral RNA for Probing the Mechanism of Direct-Acting Antivirals against Hepatitis C Virus. Viruses, 2019, 11, 1039.	3.3	14
152	Generation of a reporter yellow fever virus for high throughput antiviral assays. Antiviral Research, 2020, 183, 104939.	4.1	14
153	Pathogenesis, MicroRNAâ€122 Geneâ€Regulation, and Protective Immune Responses After Acute Equine Hepacivirus Infection. Hepatology, 2021, 74, 1148-1163.	7.3	14
154	Expanding the Host Range of Hepatitis C Virus through Viral Adaptation. MBio, 2016, 7, .	4.1	13
155	Identification of a Small Interface between the Methyltransferase and RNA Polymerase of NS5 that is Essential for Zika Virus Replication. Scientific Reports, 2018, 8, 17384.	3.3	13
156	Replicons of a Rodent Hepatitis C Model Virus Permit Selection of Highly Permissive Cells. Journal of Virology, 2019, 93, .	3.4	13
157	Interferon regulatory factor 2 protects mice from lethal viral neuroinvasion. Journal of Experimental Medicine, 2016, 213, 2931-2947.	8.5	12
158	Investigating the functional link between TMEM165 and SPCA1. Biochemical Journal, 2019, 476, 3281-3293.	3.7	12
159	Taming a beast: lessons from the domestication of hepatitis C virus. Current Opinion in Virology, 2019, 35, 27-34.	5.4	10
160	Quantitative measurements of early alphaviral replication dynamics in single cells reveals the basis for superinfection exclusion. Cell Systems, 2021, 12, 210-219.e3.	6.2	10
161	A CRISPR Activation Screen Identifies an Atypical Rho GTPase That Enhances Zika Viral Entry. Viruses, 2021, 13, 2113.	3.3	10
162	Lung type II alveolar epithelial cells collaborate with CCR2+ inflammatory monocytes in host defense against poxvirus infection. Nature Communications, 2022, 13, 1671.	12.8	10

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163	Proteomic elucidation of the targets and primary functions of the picornavirus 2A protease. Journal of Biological Chemistry, 2022, 298, 101882.	3.4	10
164	Mopping up miRNA: An integrated HBV transcript disrupts liver homeostasis by sequestering miR-122. Journal of Hepatology, 2016, 64, 257-259.	3.7	9
165	Green fluorescent proteinâ€tagged apolipoprotein E: A useful marker for the study of hepatic lipoprotein egress. Traffic, 2017, 18, 192-204.	2.7	9
166	A selectable, plasmid-based system to generate CRISPR/Cas9 gene edited and knock-in mosquito cell lines. Scientific Reports, 2021, 11, 736.	3.3	8
167	E3 ubiquitin ligase Mindbomb 1 facilitates nuclear delivery of adenovirus genomes. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	7.1	8
168	Neutralization and receptor use of infectious cultureâ€“derived rat hepacivirus as a model for HCV. Hepatology, 2022, 76, 1506-1519.	7.3	8
169	Structural basis for Zika envelope domain III recognition by a germline version of a recurrent neutralizing antibody. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 9865-9875.	7.1	7
170	Present and not reporting for duty: ds RNA i in mammalian cells. EMBO Journal, 2016, 35, 2499-2501.	7.8	6
171	Argonaute-CLIP delineates versatile, functional RNAi networks in Aedes aegypti, a major vector of human viruses. Cell Host and Microbe, 2021, 29, 834-848.e13.	11.0	6
172	DRUL for school: Opening Pre-K with safe, simple, sensitive saliva testing for SARS-CoV-2. PLoS ONE, 2021, 16, e0252949.	2.5	5
173	Development of antibody-based assays for high throughput discovery and mechanistic study of antiviral agents against yellow fever virus. Antiviral Research, 2020, 182, 104907.	4.1	4
174	In memoriam â€“ Richard M. Elliott (1954â€“2015). Journal of General Virology, 2015, 96, 1975-1978.	2.9	4
175	Repurposing an old drug: A lowâ€cost allergy medication provides new hope for hepatitis C patients. Hepatology, 2015, 62, 1911-1913.	7.3	3
176	Freeze Drying Method with Gaseous Nitrogen to Preserve Fine Ultrastructure of Biological Organizations for Scanning Electron Microscopy, Helium Ion Beam Microscopy and Fluorescence Microscopy. Microscopy and Microanalysis, 2016, 22, 1142-1143.	0.4	3
177	Downregulation of IGF2 expression in third trimester placental tissues from Zika virus infected women in Brazil. Journal of Infection, 2020, 81, 766-775.	3.3	3
178	Hepatitis C Virusâ€”From Discovery to Cure. JAMA - Journal of the American Medical Association, 2016, 316, 1254.	7.4	2
179	Development of a recombinant yellow fever vector expressing a HIV clade C founder envelope gp120. Journal of Virological Methods, 2017, 249, 85-93.	2.1	2
180	HCV Molecular Virology and Animal Models. Topics in Medicinal Chemistry, 2019, , 29-68.	0.8	2

#	Article	IF	Citations
181	Freeze Drying Method with Gaseous Nitrogen for Biological Application of Helium Ion Microcopy. Microscopy and Microanalysis, 2017, 23, 1370-1371.	0.4	1
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184	Reply. Gastroenterology, 2016, 150, 1690-1691.	1.3	0
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188	Defining the proteolytic landscape during enterovirus infection. , 2020, 16, e1008927.		0
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