

Ralf Bartenschlager

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

405
papers

37,789
citations

98
h-index

184
g-index

475
ext. papers

41,659
ext. citations

8.6
avg, IF

7.46
L-index

#	Paper	IF	Citations
405	Temporal control of the integrated stress response by a stochastic molecular switch.. <i>Science Advances</i> , 2022 , 8, eabk2022	13.9	0
404	Neutralizing Antibody Activity Against the B.1.617.2 (delta) Variant Before and After a Third BNT162b2 Vaccine Dose in Hemodialysis Patients.. <i>Frontiers in Immunology</i> , 2022 , 13, 840136	8.2	1
403	The FDA-Approved Drug Cobicistat Synergizes with Remdesivir To Inhibit SARS-CoV-2 Replication and Decreases Viral Titers and Disease Progression in Syrian Hamsters.. <i>MBio</i> , 2022 , e0370521	7.6	0
402	SARS-CoV-2 variants of concern display enhanced intrinsic pathogenic properties and expanded organ tropism in mouse models.. <i>Cell Reports</i> , 2022 , 110387	10.3	3
401	Third COVID-19 vaccine dose with BNT162b2 in patients with ANCA-associated vasculitis.. <i>Annals of the Rheumatic Diseases</i> , 2022 ,	2.3	3
400	SARS-CoV-2 infection induces a pro-inflammatory cytokine response through cGAS-STING and NF- κ B.. <i>Communications Biology</i> , 2022 , 5, 45	6.5	9
399	Neutralizing antibody activity against the B.1.617.2 (delta) variant 8 months after two-dose vaccination with BNT162b2 in health care workers.. <i>Clinical Microbiology and Infection</i> , 2022 ,	9.2	2
398	A protocol for full-rotation soft X-ray tomography of single cells.. <i>STAR Protocols</i> , 2022 , 3, 101176	1.3	0
397	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,	6.3	10
396	Dimer Organization of Membrane-Associated NS5A of Hepatitis C Virus as Determined by Highly Sensitive 1H-Detected Solid-State NMR. <i>Angewandte Chemie</i> , 2021 , 133, 5399-5407	3.5	0
395	Dimer Organization of Membrane-Associated NS5A of Hepatitis C Virus as Determined by Highly Sensitive H-Detected Solid-State NMR. <i>Angewandte Chemie - International Edition</i> , 2021 , 60, 5339-5347	16.1	8
394	Prevalence of SARS-CoV-2 Infection in Children and Their Parents in Southwest Germany. <i>JAMA Pediatrics</i> , 2021 , 175, 586-593	8	54
393	Deep probabilistic tracking of particles in fluorescence microscopy images. <i>Medical Image Analysis</i> , 2021 , 72, 102128	14.7	1
392	Determinants in Nonstructural Protein 4A of Dengue Virus Required for RNA Replication and Replication Organelle Biogenesis. <i>Journal of Virology</i> , 2021 , 95, e0131021	6.3	0
391	Evaluation of accuracy, exclusivity, limit-of-detection and ease-of-use of LumiraDx \square An antigen-detecting point-of-care device for SARS-CoV-2. <i>Infection</i> , 2021 , 1	5.7	10
390	The Compound SBI-0090799 Inhibits Zika Virus Infection by Blocking Formation of the Membranous Replication Compartment. <i>Journal of Virology</i> , 2021 , 95, e0099621	6.3	0
389	Genome-Wide CRISPR Screen Identifies RACK1 as a Critical Host Factor for Flavivirus Replication. <i>Journal of Virology</i> , 2021 , 95, e0059621	6.3	3

388	Neutralizing antibody response against variants of concern after vaccination of dialysis patients with BNT162b2. <i>Kidney International</i> , 2021 , 100, 700-702	9.6	9
387	Memory-like HCV-specific CD8 T cells retain a molecular scar after cure of chronic HCV infection. <i>Nature Immunology</i> , 2021 , 22, 229-239	18.5	29
386	The Basicity Makes the Difference: Improved Canavanine-Derived Inhibitors of the Proprotein Convertase Furin. <i>ACS Medicinal Chemistry Letters</i> , 2021 , 12, 426-432	4.1	3
385	Challenges for Targeting SARS-CoV-2 Proteases as a Therapeutic Strategy for COVID-19. <i>ACS Infectious Diseases</i> , 2021 , 7, 1457-1468	5.4	32
384	SARS-CoV-2 infection remodels the host protein thermal stability landscape. <i>Molecular Systems Biology</i> , 2021 , 17, e10188	11.8	4
383	TLR3 activation by Zika virus stimulates inflammatory cytokine production which dampens the antiviral response induced by RIG-I-like receptors. <i>Journal of Virology</i> , 2021 ,	6.3	3
382	Antiviral drug screen identifies DNA-damage response inhibitor as potent blocker of SARS-CoV-2 replication. <i>Cell Reports</i> , 2021 , 35, 108940	10.3	28
381	Interferon-induced degradation of the persistent hepatitis B virus cccDNA form depends on ISG20. <i>EMBO Reports</i> , 2021 , 22, e49568	6.3	6
380	Global analysis of protein-RNA interactions in SARS-CoV-2-infected cells reveals key regulators of infection. <i>Molecular Cell</i> , 2021 , 81, 2851-2867.e7	17	25
379	Natural SARS-CoV-2 infection results in higher neutralization response against variants of concern compared to two-dose BNT162b2 vaccination in kidney transplant recipients.. <i>Kidney International</i> , 2021 ,	9.6	1
378	Convergent use of phosphatidic acid for hepatitis C virus and SARS-CoV-2 replication organelle formation.. <i>Nature Communications</i> , 2021 , 12, 7276	16.9	0
377	Neutralization of SARS-CoV-2 Variants of Concern in Kidney Transplant Recipients after Standard COVID-19 Vaccination.. <i>Clinical Journal of the American Society of Nephrology: CJASN</i> , 2021 ,	6.7	3
376	Nanoparticulate Inhibitors of Flavivirus Proteases from Zika, West Nile and Dengue Virus Are Cell-Permeable Antivirals.. <i>ACS Medicinal Chemistry Letters</i> , 2021 , 12, 1955-1961	4.1	
375	Contribution of autophagy machinery factors to HCV and SARS-CoV-2 replication organelle formation. <i>Cell Reports</i> , 2021 , 37, 110049	10.3	2
374	Redesigning of the cap conformation and symmetry of the diphenylethyne core to yield highly potent pan-genotypic NS5A inhibitors with high potency and high resistance barrier.. <i>European Journal of Medicinal Chemistry</i> , 2021 , 229, 114034	6.5	1
373	Hepatitis C Virus (Flaviviridae) 2021 , 386-396		
372	Microscopy-based assay for semi-quantitative detection of SARS-CoV-2 specific antibodies in human sera: A semi-quantitative, high throughput, microscopy-based assay expands existing approaches to measure SARS-CoV-2 specific antibody levels in human sera. <i>BioEssays</i> , 2021 , 43, e2000257	3.8	9
371	Using soft X-ray tomography for rapid whole-cell quantitative imaging of SARS-CoV-2-infected cells. <i>Cell Reports Methods</i> , 2021 , 1, 100117		4

370	A pan-serotype dengue virus inhibitor targeting the NS3-NS4B interaction. <i>Nature</i> , 2021 , 598, 504-509	47.5	13
369	Dengue virus is sensitive to inhibition prior to productive replication. <i>Cell Reports</i> , 2021 , 37, 109801	10.3	0
368	Severe dysbiosis and specific Haemophilus and Neisseria signatures as hallmarks of the oropharyngeal microbiome in critically ill COVID-19 patients. <i>Clinical Infectious Diseases</i> , 2021 ,	11.3	1
367	Hepatitis C Virus Replication. <i>Cold Spring Harbor Perspectives in Medicine</i> , 2020 , 10,	5.2	18
366	Proton-Detected Solid-State NMR of the Cell-Free Synthesized β -Helical Transmembrane Protein NS4B from Hepatitis C Virus. <i>ChemBioChem</i> , 2020 , 21, 1453-1460	3.7	12
365	A Randomized Open label Phase-II Clinical Trial with or without Infusion of Plasma from Subjects after Convalescence of SARS-CoV-2 Infection in High-Risk Patients with Confirmed Severe SARS-CoV-2 Disease (RECOVER): A structured summary of a study protocol for a randomised	2.7	6
364	A Novel Cis-Acting RNA Structural Element Embedded in the Core Coding Region of the Hepatitis C Virus Genome Directs Internal Translation Initiation of the Overlapping Core+1 ORF. <i>International Journal of Molecular Sciences</i> , 2020 , 21,	6	1
363	Identification of Interleukin1 β s an Amplifier of Interferon alpha-induced Antiviral Responses. <i>PLoS Pathogens</i> , 2020 , 16, e1008461	7.4	3
362	Integrative Imaging Reveals SARS-CoV-2-Induced Reshaping of Subcellular Morphologies. <i>Cell Host and Microbe</i> , 2020 , 28, 853-866.e5	22.9	69
361	SARS-CoV-2 structure and replication characterized by in situ cryo-electron tomography. <i>Nature Communications</i> , 2020 , 11, 5885	16.9	210
360	A Novel System to Study Dengue Virus Replication Organelle Formation Independent from Viral RNA Replication. <i>Proceedings (mdpi)</i> , 2020 , 50, 139	0.3	
359	Replication-Independent Generation and Morphological Analysis of Flavivirus Replication Organelles. <i>STAR Protocols</i> , 2020 , 1, 100173	1.3	4
358	Structures and distributions of SARS-CoV-2 spike proteins on intact virions. <i>Nature</i> , 2020 , 588, 498-502	47.5	423
357	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	5.5	8
356	Critical Role of Type III Interferon in Controlling SARS-CoV-2 Infection in Human Intestinal Epithelial Cells. <i>Cell Reports</i> , 2020 , 32, 107863	10.3	182
355	The Hepatitis B Virus Envelope Proteins: Molecular Gymnastics Throughout the Viral Life Cycle. <i>Annual Review of Virology</i> , 2020 , 7, 263-288	14.1	8
354	ER-Shaping Atlastin Proteins Act as Central Hubs to Promote Flavivirus Replication and Virion Assembly. <i>Proceedings (mdpi)</i> , 2020 , 50, 31	0.3	
353	A Non-Replicative Role of the 3' Terminal Sequence of the Dengue Virus Genome in Membranous Replication Organelle Formation. <i>Cell Reports</i> , 2020 , 32, 107859	10.3	10

352	Host factor prioritization for pan-viral genetic perturbation screens using random intercept models and network propagation. <i>PLoS Computational Biology</i> , 2020 , 16, e1007587	4.8	6
351	A Recurrent Neural Network for Particle Tracking in Microscopy Images Using Future Information, Track Hypotheses, and Multiple Detections. <i>IEEE Transactions on Image Processing</i> , 2020 ,	7.7	8
350	C19orf66 is an interferon-induced inhibitor of HCV replication that restricts formation of the viral replication organelle. <i>Journal of Hepatology</i> , 2020 , 73, 549-558	3.1	9
349	Hepatitis C virus exploits cyclophilin A to evade PKR. <i>ELife</i> , 2020 , 9,	8.6	7
348	Host factor prioritization for pan-viral genetic perturbation screens using random intercept models and network propagation 2020 , 16, e1007587		
347	Host factor prioritization for pan-viral genetic perturbation screens using random intercept models and network propagation 2020 , 16, e1007587		
346	Host factor prioritization for pan-viral genetic perturbation screens using random intercept models and network propagation 2020 , 16, e1007587		
345	Host factor prioritization for pan-viral genetic perturbation screens using random intercept models and network propagation 2020 , 16, e1007587		
344	The Hepatitis C Virus Replicon System and Its Role in Drug Development. <i>Topics in Medicinal Chemistry</i> , 2019 , 69-96	0.3	1
343	RACK1 mediates rewiring of intracellular networks induced by hepatitis C virus infection. <i>PLoS Pathogens</i> , 2019 , 15, e1008021	7.4	17
342	Towards curative therapy of chronic viral hepatitis. <i>Zeitschrift Fur Gastroenterologie</i> , 2019 , 57, 61-73	1.5	6
341	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	10.3	49
340	Hyperparameter optimization for image analysis: application to prostate tissue images and live cell data of virus-infected cells. <i>International Journal of Computer Assisted Radiology and Surgery</i> , 2019 , 14, 1847-1857	3.7	3
339	Reciprocal Effects of Fibroblast Growth Factor Receptor Signaling on Dengue Virus Replication and Virion Production. <i>Cell Reports</i> , 2019 , 27, 2579-2592.e6	10.3	9
338	A novel interaction between dengue virus nonstructural protein 1 and the NS4A-2K-4B precursor is required for viral RNA replication but not for formation of the membranous replication organelle. <i>PLoS Pathogens</i> , 2019 , 15, e1007736	7.4	32
337	Syntenin regulates hepatitis C virus sensitivity to neutralizing antibody by promoting E2 secretion through exosomes. <i>Journal of Hepatology</i> , 2019 , 71, 52-61	3.1	17
336	Cyclophilin A allows the allosteric regulation of a structural motif in the disordered domain 2 of NS5A and thereby fine-tunes HCV RNA replication. <i>Journal of Biological Chemistry</i> , 2019 , 294, 13171-13185	5.1	4
335	Prodrug Activation by a Viral Protease: Evaluating Combretastatin Peptide Hybrids To Selectively Target Infected Cells. <i>ACS Medicinal Chemistry Letters</i> , 2019 , 10, 1115-1121	4.1	2

334	Symmetric Anti-HCV Agents: Synthesis, Antiviral Properties, and Conformational Aspects of Core Scaffolds. <i>ACS Omega</i> , 2019 , 4, 11440-11454	3.8	6
333	Combined Analysis of Metabolomes, Proteomes, and Transcriptomes of Hepatitis C Virus-Infected Cells and Liver to Identify Pathways Associated With Disease Development. <i>Gastroenterology</i> , 2019 , 157, 537-551.e9	7.9	33
332	ER-shaping atlastin proteins act as central hubs to promote flavivirus replication and virion assembly. <i>Nature Microbiology</i> , 2019 , 4, 2416-2429	25.9	26
331	An alternative membrane topology permits lipid droplet localization of peroxisomal fatty acyl-CoA reductase 1. <i>Journal of Cell Science</i> , 2019 , 132,	5.1	12
330	Synthesis, Biological Evaluation, and Molecular Docking of Combretastatin and Colchicine Derivatives and their hCE1-Activated Prodrugs as Antiviral Agents. <i>ChemMedChem</i> , 2019 , 14, 469-483	3.5	28
329	Discovery of highly divergent lineages of plant-associated astro-like viruses sheds light on the emergence of potyviruses. <i>Virus Research</i> , 2019 , 260, 38-48	6.2	9
328	Structural Studies of Self-Assembled Subviral Particles: Combining Cell-Free Expression with 110 kHz MAS NMR Spectroscopy. <i>Angewandte Chemie - International Edition</i> , 2018 , 57, 4787-4791	16.1	25
327	Strukturelle Untersuchung subviraler Partikel durch die Kombination von zellfreier Proteinherstellung mit 110 kHz MAS-NMR-Spektroskopie. <i>Angewandte Chemie</i> , 2018 , 130, 4877-4882	3.5	4
326	Hepatitis D virus replication is sensed by MDA5 and induces IFN- α responses in hepatocytes. <i>Journal of Hepatology</i> , 2018 , 69, 25-35	3.1	54
325	Critical challenges and emerging opportunities in hepatitis C virus research in an era of potent antiviral therapy: Considerations for scientists and funding agencies. <i>Virus Research</i> , 2018 , 248, 53-62	6.2	93
324	Rewiring cellular networks by members of the Flaviviridae family. <i>Nature Reviews Microbiology</i> , 2018 , 16, 125-142	21.4	160
323	HBV Bypasses the Innate Immune Response and Does Not Protect HCV From Antiviral Activity of Interferon. <i>Gastroenterology</i> , 2018 , 154, 1791-1804.e22	7.9	88
322	HCV modifies EGF signalling and upregulates production of CXCR2 ligands: Role in inflammation and antiviral immune response. <i>Journal of Hepatology</i> , 2018 , 69, 594-602	3.1	8
321	Secretion of Hepatitis C Virus Replication Intermediates Reduces Activation of Toll-Like Receptor 3 in Hepatocytes. <i>Gastroenterology</i> , 2018 , 154, 2237-2251.e16	7.9	36
320	Immune-mediated effects targeting hepatitis C virus in a syngeneic replicon cell transplantation mouse model. <i>Gut</i> , 2018 , 67, 1525-1535	18.6	2
319	Hepatitis C Virus Replication Depends on Endosomal Cholesterol Homeostasis. <i>Journal of Virology</i> , 2018 , 92,	6.3	49
318	Novel non-heteroarylpyrimidine (HAP) capsid assembly modifiers have a different mode of action from HAPs in vitro. <i>Antiviral Research</i> , 2018 , 158, 135-142	10.5	23
317	A Reverse Genetics System for Zika Virus Based on a Simple Molecular Cloning Strategy. <i>Viruses</i> , 2018 , 10,	5.9	27

316	Two-filter probabilistic data association for tracking of virus particles in fluorescence microscopy images 2018 ,		2
315	Semen inhibits Zika virus infection of cells and tissues from the anogenital region. <i>Nature Communications</i> , 2018 , 9, 2207	16.9	25
314	Host-directed therapies for bacterial and viral infections. <i>Nature Reviews Drug Discovery</i> , 2018 , 17, 35-5662.2		264
313	Hepatitis C virus-induced natural killer cell proliferation involves monocyte-derived cells and the OX40/OX40L axis. <i>Journal of Hepatology</i> , 2018 , 68, 421-430	3.1	11
312	mRNAs biotinylated within the 5Rcap and protected against decapping: new tools to capture RNA-protein complexes. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2018 , 373,	5.7	4
311	The Role of Tissue Oxygen Tension in Dengue Virus Replication. <i>Cells</i> , 2018 , 7,	7.6	12
310	Male offspring born to mildly ZIKV-infected mice are at risk of developing neurocognitive disorders in adulthood. <i>Nature Microbiology</i> , 2018 , 3, 1161-1174	25.9	15
309	Correlative Light Electron Microscopy (CLEM) for Tracking and Imaging Viral Protein Associated Structures in Cryo-immobilized Cells. <i>Journal of Visualized Experiments</i> , 2018 ,	1.5	8
308	An orthogonal proteomic survey uncovers novel Zika virus host factors. <i>Nature</i> , 2018 , 561, 253-257	47.5	95
307	Glycine Zipper Motifs in Hepatitis C Virus Nonstructural Protein 4B Are Required for the Establishment of Viral Replication Organelles. <i>Journal of Virology</i> , 2018 , 92,	6.3	10
306	Deciphering the Origin and Evolution of Hepatitis B Viruses by Means of a Family of Non-enveloped Fish Viruses. <i>Cell Host and Microbe</i> , 2017 , 22, 387-399.e6	22.9	87
305	Genome packaging of reovirus is mediated by the scaffolding property of the microtubule network. <i>Cellular Microbiology</i> , 2017 , 19, e12765	3.8	19
304	Colocalization analysis and particle tracking in multi-channel fluorescence microscopy images 2017 ,		2
303	TALEN/CRISPR-mediated engineering of a promoterless anti-viral RNAi hairpin into an endogenous miRNA locus. <i>Nucleic Acids Research</i> , 2017 , 45, e3	19.4	6
302	Phosphorylation-Dependent Feedback Inhibition of RIG-I by DAPK1 Identified by Kinome-wide siRNA Screening. <i>Molecular Cell</i> , 2017 , 65, 403-415.e8	17	24
301	Flavivirus Infection Uncouples Translation Suppression from Cellular Stress Responses. <i>MBio</i> , 2017 , 8,	7.6	61
300	Immune protection against reinfection with nonprimate hepacivirus. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017 , 114, E2430-E2439	11.2	34
299	Ultrastructural Characterization of Zika Virus Replication Factories. <i>Cell Reports</i> , 2017 , 18, 2113-2123	10.3	179

298	Novel nucleoside analogues targeting HCV replication through an NS5A-dependent inhibition mechanism. <i>Chemical Biology and Drug Design</i> , 2017 , 90, 352-367	2.8	5
297	Maturation of secreted HCV particles by incorporation of secreted ApoE protects from antibodies by enhancing infectivity. <i>Journal of Hepatology</i> , 2017 , 67, 480-489	3.1	39
296	Chronic viral hepatitis and its association with liver cancer. <i>Biological Chemistry</i> , 2017 , 398, 817-837	4.3	57
295	A Novel Inhibitor IDPP Interferes with Entry and Egress of HCV by Targeting Glycoprotein E1 in a Genotype-Specific Manner. <i>Scientific Reports</i> , 2017 , 7, 44676	4.7	13
294	Peptide-Boronic Acid Inhibitors of Flaviviral Proteases: Medicinal Chemistry and Structural Biology. <i>Journal of Medicinal Chemistry</i> , 2017 , 60, 511-516	8	84
293	Overall Structural Model of NS5A Protein from Hepatitis C Virus and Modulation by Mutations Confering Resistance of Virus Replication to Cyclosporin A. <i>Biochemistry</i> , 2017 , 56, 3029-3048	3.1	20
292	Effects of NS2B-NS3 protease and furin inhibition on West Nile and Dengue virus replication. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , 2017 , 32, 712-721	5.4	29
291	Optimization of Substrate-Analogue Furin Inhibitors. <i>ChemMedChem</i> , 2017 , 12, 1953-1968	3.5	24
290	Membrane alterations induced by nonstructural proteins of human norovirus. <i>PLoS Pathogens</i> , 2017 , 13, e1006705	7.4	40
289	The quest for host targets to combat dengue virus infections. <i>Current Opinion in Virology</i> , 2016 , 20, 47-54.2		21
288	Hepatitis C Virus-From Discovery to Cure: The 2016 Lasker-DeBakey Clinical Medical Research Award. <i>JAMA - Journal of the American Medical Association</i> , 2016 , 316, 1254-5	26.8	2
287	Hepatitis C virusB next top models?. <i>Nature Microbiology</i> , 2016 , 1, 15018	25.9	2
286	A Slow Maturation Process Renders Hepatitis B Virus Infectious. <i>Cell Host and Microbe</i> , 2016 , 20, 25-35	22.9	41
285	Correlative light and electron microscopy methods for the study of virus-cell interactions. <i>FEBS Letters</i> , 2016 , 590, 1877-95	3.6	51
284	Type I and type II interferon responses in two human liver cell lines (Huh-7 and HuH6). <i>Genomics Data</i> , 2016 , 7, 166-70		6
283	Evidence that hepatitis B virus replication in mouse cells is limited by the lack of a host cell dependency factor. <i>Journal of Hepatology</i> , 2016 , 64, 556-64	3.1	47
282	Paradoxical role of antibodies in dengue virus infections: considerations for prophylactic vaccine development. <i>Expert Review of Vaccines</i> , 2016 , 15, 467-82	5	27
281	Novel indoleflutimide heterocycles with activity against influenza PA endonuclease and hepatitis C virus. <i>MedChemComm</i> , 2016 , 7, 447-456	4.8	18

280	Apolipoprotein E Mediates Evasion From Hepatitis C Virus Neutralizing Antibodies. <i>Gastroenterology</i> , 2016 , 150, 206-217.e4	7.9	53
279	Endoplasmic Reticulum: The Favorite Intracellular Niche for Viral Replication and Assembly. <i>Viruses</i> , 2016 , 8,	5.9	96
278	Geno2pheno[HCV] - A Web-based Interpretation System to Support Hepatitis C Treatment Decisions in the Era of Direct-Acting Antiviral Agents. <i>PLoS ONE</i> , 2016 , 11, e0155869	3.6	77
277	Reovirus intermediate subviral particles constitute a strategy to infect intestinal epithelial cells by exploiting TGF- β -dependent pro-survival signaling. <i>Cellular Microbiology</i> , 2016 , 18, 1831-1845	3.8	25
276	Cell-free expression, purification, and membrane reconstitution for NMR studies of the nonstructural protein 4B from hepatitis C virus. <i>Journal of Biomolecular NMR</i> , 2016 , 65, 87-98	3	20
275	Dengue Virus Perturbs Mitochondrial Morphodynamics to Dampen Innate Immune Responses. <i>Cell Host and Microbe</i> , 2016 , 20, 342-356	22.9	143
274	Broad neutralization of hepatitis C virus-resistant variants by Civacir hepatitis C immunoglobulin. <i>Hepatology</i> , 2016 , 64, 1495-1506	10.9	7
273	Tuning a cellular lipid kinase activity adapts hepatitis C virus to replication in cell culture. <i>Nature Microbiology</i> , 2016 , 2, 16247	25.9	40
272	Hepatitis C Virus Activates a Neuregulin-Driven Circuit to Modify Surface Expression of Growth Factor Receptors of the ErbB Family. <i>PLoS ONE</i> , 2016 , 11, e0148711	3.6	8
271	Investigation of NS3 Protease Resistance-Associated Variants and Phenotypes for the Prediction of Treatment Response to HCV Triple Therapy. <i>PLoS ONE</i> , 2016 , 11, e0156731	3.6	4
270	Coordination of Hepatitis C Virus Assembly by Distinct Regulatory Regions in Nonstructural Protein 5A. <i>PLoS Pathogens</i> , 2016 , 12, e1005376	7.4	27
269	Genotypic resistance testing of HCV - is there a clinical need?. <i>GMS Infectious Diseases</i> , 2016 , 4, Doc05	0.8	
268	Soraphen A: A broad-spectrum antiviral natural product with potent anti-hepatitis C virus activity. <i>Journal of Hepatology</i> , 2015 , 63, 813-21	3.1	26
267	Identification of HNRNPK as regulator of hepatitis C virus particle production. <i>PLoS Pathogens</i> , 2015 , 11, e1004573	7.4	39
266	Clearance of persistent hepatitis C virus infection in humanized mice using a claudin-1-targeting monoclonal antibody. <i>Nature Biotechnology</i> , 2015 , 33, 549-554	43.2	104
265	A Combined Genetic-Proteomic Approach Identifies Residues within Dengue Virus NS4B Critical for Interaction with NS3 and Viral Replication. <i>Journal of Virology</i> , 2015 , 89, 7170-86	6.3	41
264	Expression of the novel hepatitis C virus core+1/ARF protein in the context of JFH1-based replicons. <i>Journal of Virology</i> , 2015 , 89, 5164-70	6.3	8
263	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, 829-37	3.1	39

262	A Proline-Tryptophan Turn in the Intrinsically Disordered Domain 2 of NS5A Protein Is Essential for Hepatitis C Virus RNA Replication. <i>Journal of Biological Chemistry</i> , 2015 , 290, 19104-20	5.1	17
261	DDX60L Is an Interferon-Stimulated Gene Product Restricting Hepatitis C Virus Replication in Cell Culture. <i>Journal of Virology</i> , 2015 , 89, 10548-68	6.3	35
260	Phenylalanine and Phenylglycine Analogues as Arginine Mimetics in Dengue Protease Inhibitors. <i>Journal of Medicinal Chemistry</i> , 2015 , 58, 7719-33	8	54
259	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	2	14
258	NS5A Domain 1 and Polyprotein Cleavage Kinetics Are Critical for Induction of Double-Membrane Vesicles Associated with Hepatitis C Virus Replication. <i>MBio</i> , 2015 , 6, e00759	7.6	59
257	Hepatitis C virus infection inhibits P-body granule formation in human livers. <i>Journal of Hepatology</i> , 2015 , 62, 785-90	3.1	10
256	Novel dengue virus NS2B/NS3 protease inhibitors. <i>Antimicrobial Agents and Chemotherapy</i> , 2015 , 59, 1100-9	5.6	80
255	A sensor at the lipid-protein interface: lipid peroxidation controls hepatitis C virus replication. <i>Hepatology</i> , 2015 , 61, 1083-5	10.9	2
254	Wheat germ cell-free expression: Two detergents with a low critical micelle concentration allow for production of soluble HCV membrane proteins. <i>Protein Expression and Purification</i> , 2015 , 105, 39-46	2	18
253	Interferon-inducible cholesterol-25-hydroxylase restricts hepatitis C virus replication through blockage of membranous web formation. <i>Hepatology</i> , 2015 , 62, 702-14	10.9	56
252	Structural and Functional Properties of the Hepatitis C Virus p7 Viroporin. <i>Viruses</i> , 2015 , 7, 4461-81	5.9	33
251	Viral Infection at High Magnification: 3D Electron Microscopy Methods to Analyze the Architecture of Infected Cells. <i>Viruses</i> , 2015 , 7, 6316-45	5.9	35
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