Darius Moradpour

List of Publications by Year
in descending order

128 papers	13,344 citations	34105 52 h-index	21540 114 g-index
131 all docs	131 docs citations	131 times ranked	11467 citing authors

#	Article	IF	Citations
1	Cardif is an adaptor protein in the RIG-I antiviral pathway and is targeted by hepatitis C virus. Nature, 2005, 437, 1167-1172.	27.8	2,136
2	Replication of hepatitis C virus. Nature Reviews Microbiology, 2007, 5, 453-463.	28.6	1,158
3	Expression of Hepatitis C Virus Proteins Induces Distinct Membrane Alterations Including a Candidate Viral Replication Complex. Journal of Virology, 2002, 76, 5974-5984.	3.4	721
4	Identification of the Hepatitis C Virus RNA Replication Complex in Huh-7 Cells Harboring Subgenomic Replicons. Journal of Virology, 2003, 77, 5487-5492.	3.4	558
5	Structural biology of hepatitis C virus. Hepatology, 2004, 39, 5-19.	7.3	558
6	EASL Clinical Practice Guidelines on hepatitis E virus infection. Journal of Hepatology, 2018, 68, 1256-1271.	3.7	425
7	In vivo gene electroinjection and expression in rat liver. FEBS Letters, 1996, 389, 225-228.	2.8	380
8	Structure and Function of the Membrane Anchor Domain of Hepatitis C Virus Nonstructural Protein 5A. Journal of Biological Chemistry, 2004, 279, 40835-40843.	3.4	249
9	Subcellular Localization, Stability, and trans -Cleavage Competence of the Hepatitis C Virus NS3-NS4A Complex Expressed in Tetracycline-Regulated Cell Lines. Journal of Virology, 2000, 74, 2293-2304.	3.4	248
10	Genotype 3 is associated with accelerated fibrosis progression in chronic hepatitis C. Journal of Hepatology, 2009, 51, 655-666.	3.7	247
11	Hepatitis C Virus Proteins: From Structure to Function. Current Topics in Microbiology and Immunology, 2013, 369, 113-142.	1.1	227
12	Insertion of Green Fluorescent Protein into Nonstructural Protein 5A Allows Direct Visualization of Functional Hepatitis C Virus Replication Complexes. Journal of Virology, 2004, 78, 7400-7409.	3.4	226
13	Characterization of Cell Lines Allowing Tightly Regulated Expression of Hepatitis C Virus Core Protein. Virology, 1996, 222, 51-63.	2.4	210
14	Interferon-Î± inhibits hepatitis C virus subgenomic RNA replication by an MxA-independent pathway. Journal of General Virology, 2001, 82, 723-733.	2.9	210
15	The Hepatitis C Virus Nonstructural Protein 4B Is an Integral Endoplasmic Reticulum Membrane Protein. Virology, 2001, 284, 70-81.	2.4	187
16	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
17	Determinants for Membrane Association of the Hepatitis C Virus RNA-dependent RNA Polymerase. Journal of Biological Chemistry, 2001, 276, 44052-44063.	3.4	172
18	Update on hepatitis E virology: Implications for clinical practice. Journal of Hepatology, 2016, 65, 200-212.	3.7	165

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19	Structural and Functional Studies of Nonstructural Protein 2 of the Hepatitis C Virus Reveal Its Key Role as Organizer of Virion Assembly. PLoS Pathogens, 2010, 6, e1001233.	4.7	162
20	Continuous human cell lines inducibly expressing hepatitis C virus structural and nonstructural proteins. Hepatology, 1998, 28, 192-201.	7.3	149
21	Hepatitis C Virus-Linked Mitochondrial Dysfunction Promotes Hypoxia-Inducible Factor 1Î±-Mediated Glycolytic Adaptation. Journal of Virology, 2010, 84, 647-660.	3.4	145
22	Pathogenesis of hepatocellular carcinoma. European Journal of Gastroenterology and Hepatology, 2005, 17, 477-483.	1.6	142
23	NS2 Protein of Hepatitis C Virus Interacts with Structural and Non-Structural Proteins towards Virus Assembly. PLoS Pathogens, 2011, 7, e1001278.	4.7	142
24	Characterization of the effects of hepatitis C virus nonstructural 5A protein expression in human cell lines and on interferon-sensitive virus replication. Hepatology, 1999, 29, 1262-1271.	7.3	140
25	Hepatitis B and C virus coinfection: A novel model system reveals the absence of direct viral interference. Hepatology, 2009, 50, 46-55.	7.3	138
26	Membrane association of hepatitis C virus nonstructural proteins and identification of the membrane alteration that harbors the viral replication complex. Antiviral Research, 2003, 60, 103-109.	4.1	136
27	euHCVdb: the European hepatitis C virus database. Nucleic Acids Research, 2007, 35, D363-D366.	14.5	128
28	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
29	Membrane Association of the RNA-Dependent RNA Polymerase Is Essential for Hepatitis C Virus RNA Replication. Journal of Virology, 2004, 78, 13278-13284.	3.4	121
30	Structural determinants for membrane association and dynamic organization of the hepatitis C virus NS3-4A complex. Proceedings of the National Academy of Sciences of the United States of America, 2008, 105, 14545-14550.	7.1	119
31	A Dynamic View of Hepatitis C Virus Replication Complexes. Journal of Virology, 2008, 82, 10519-10531.	3.4	119
32	Management of viral hepatitis in patients with haematological malignancy and in patients undergoing haemopoietic stem cell transplantation: recommendations of the 5th European Conference on Infections in Leukaemia (ECIL-5). Lancet Infectious Diseases, The, 2016, 16, 606-617.	9.1	118
33	Reduced IFNÎ»4 activity is associated with improved HCV clearance and reduced expression of interferon-stimulated genes. Nature Communications, 2014, 5, 5699.	12.8	117
34	Cleavage of mitochondrial antiviral signaling protein in the liver of patients with chronic hepatitis C correlates with a reduced activation of the endogenous interferon system. Hepatology, 2010, 51, 1127-1136.	7.3	115
35	Impact of donor and recipient IL28B rs12979860 genotypes on hepatitis C virus liver graft reinfection. Journal of Hepatology, 2011, 55, 322-327.	3.7	115
36	GLUT3 is induced during epithelial-mesenchymal transition and promotes tumor cell proliferation in non-small cell lung cancer. Cancer & Metabolism, 2014, 2, 11.	5.0	115

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37	Interaction of hepatitis C virus proteins with host cell membranes and lipids. Trends in Cell Biology, 2002, 12, 517-523.	7.9	111
38	NS4B Self-Interaction through Conserved C-Terminal Elements Is Required for the Establishment of Functional Hepatitis C Virus Replication Complexes. Journal of Virology, 2011, 85, 6963-6976.	3.4	107
39	Hepatitis C virus nonstructural protein 4B: a journey into unexplored territory. Reviews in Medical Virology, 2010, 20, 117-129.	8.3	101
40	Hepatitis delta-associated mortality in HIV/HBV-coinfected patients. Journal of Hepatology, 2017, 66, 297-303.	3.7	101
41	Viral genotype-specific role of PNPLA3 , PPARG , MTTP, and IL28B in hepatitis C virus-associated steatosis. Journal of Hepatology, 2011, 55, 529-535.	3.7	98
42	Identification of a Novel Determinant for Membrane Association in Hepatitis C Virus Nonstructural Protein 4B. Journal of Virology, 2009, 83, 6257-6268.	3.4	91
43	Hepatitis E Virus Seroprevalence among Blood Donors in Southwest Switzerland. PLoS ONE, 2011, 6, e21150.	2.5	88
44	The Hepatitis C Virus RNA-Dependent RNA Polymerase Membrane Insertion Sequence Is a Transmembrane Segment. Journal of Virology, 2002, 76, 13088-13093.	3.4	81
45	Vitamin D Receptor and Jakâ€“STAT Signaling Crosstalk Results in Calcitriol-Mediated Increase of Hepatocellular Response to IFN-Î±. Journal of Immunology, 2014, 192, 6037-6044.	0.8	81
46	Clinical phenotype and outcome of hepatitis E virusâ€“associated neuralgic amyotrophy. Neurology, 2017, 89, 909-917.	1.1	75
47	Amphipathic Î±-Helix AH2 Is a Major Determinant for the Oligomerization of Hepatitis C Virus Nonstructural Protein 4B. Journal of Virology, 2010, 84, 12529-12537.	3.4	73
48	An Amphipathic Î±-Helix at the C Terminus of Hepatitis C Virus Nonstructural Protein 4B Mediates Membrane Association. Journal of Virology, 2009, 83, 11378-11384.	3.4	60
49	A Genetic Validation Study Reveals a Role of Vitamin D Metabolism in the Response to Interferon-Alfa-Based Therapy of Chronic Hepatitis C. PLoS ONE, 2012, 7, e40159.	2.5	60
50	Palmitoylation mediates membrane association of hepatitis E virus ORF3 protein and is required for infectious particle secretion. PLoS Pathogens, 2018, 14, e1007471.	4.7	60
51	Genetic Analyses Reveal a Role for Vitamin D Insufficiency in HCV-Associated Hepatocellular Carcinoma Development. PLoS ONE, 2013, 8, e64053.	2.5	59
52	Characterization of three novel monoclonal antibodies against hepatitis C virus core protein. Journal of Medical Virology, 1996, 48, 234-241.	5.0	56
53	Hepatitis C: molecular virology and antiviral targets. Trends in Molecular Medicine, 2002, 8, 476-482.	6.7	51
54	An Analysis of the Benefit of Using HEV Genotype 3 Antigens in Detecting Anti-HEV IgG in a European Population. PLoS ONE, 2013, 8, e62980.	2.5	51

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55	Visualization of hepatitis E virus RNA and proteins in the human liver. Journal of Hepatology, 2017, 67, 471-479.	3.7	49
56	Rabbit HEV in immunosuppressed patients with hepatitis E acquired in Switzerland. Journal of Hepatology, 2019, 70, 1023-1025.	3.7	47
57	Targeted gene transfer to hepatocellular carcinoma cellsin vitro using a novel monoclonal antibody?based gene delivery system. Hepatology, 1999, 29, 82-89.	7.3	46
58	Functional Properties of a Monoclonal Antibody Inhibiting the Hepatitis C Virus RNA-dependent RNA Polymerase. Journal of Biological Chemistry, 2002, 277, 593-601.	3.4	46
59	Aminoterminal Amphipathic Î±-Helix AH1 of Hepatitis C Virus Nonstructural Protein 4B Possesses a Dual Role in RNA Replication and Virus Production. PLoS Pathogens, 2014, 10, e1004501.	4.7	46
60	Pan-Genotype Hepatitis E Virus Replication in Stem Cellâ€“Derived Hepatocellular Systems. Gastroenterology, 2018, 154, 663-674.e7.	1.3	46
61	Hemostatic Alterations in Patients With Cirrhosis: From Primary Hemostasis to Fibrinolysis. Hepatology, 2020, 71, 2135-2148.	7.3	46
62	Analysis of hepatitis C virus resistance to silibinin in vitro and in vivo points to a novel mechanism involving nonstructural protein 4B. Hepatology, 2013, 57, 953-963.	7.3	44
63	Quantitative proteomics identifies the membrane-associated peroxidase GPx8 as a cellular substrate of the hepatitis C virus NS3-4A protease. Hepatology, 2014, 59, 423-433.	7.3	41
64	Recombinant Hepatitis E Viruses Harboring Tags in the ORF1 Protein. Journal of Virology, 2019, 93, .	3.4	39
65	Function follows form: The structure of the N-terminal domain of HCV NS5A. Hepatology, 2005, 42, 732-735.	7.3	37
66	A systematic review and metaâ€analysis of <scp>HCV</scp> clearance. Liver International, 2017, 37, 1431-1445.	3.9	37
67	Serum ferritin levels are associated with a distinct phenotype of chronic hepatitis C poorly responding to pegylated interferon-alpha and ribavirin therapy. Hepatology, 2012, 55, 1038-1047.	7.3	36
68	Suppression of short interfering RNA-mediated gene silencing by the structural proteins of hepatitis C virus. Journal of General Virology, 2008, 89, 2761-2766.	2.9	34
69	Neurologic complications of acute hepatitis E virus infection. Neurology: Neuroimmunology and NeuroInflammation, 2020, 7, .	6.0	32
70	Expression of hepatitis C virus proteins does not interfere with major histocompatibility complex class I processing and presentation in vitro. Hepatology, 2001, 33, 1282-1287.	7.3	30
71	Identification of GBF1 as a cellular factor required for hepatitis E virus RNA replication. Cellular Microbiology, 2018, 20, e12804.	2.1	28
72	Antiviral effects of antisense RNA on hepatitis C virus RNA translation and expression. Journal of Medical Virology, 1999, 57, 217-222.	5.0	27

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73	Future landscape of hepatitis C research â€“ Basic, translational and clinical perspectives. Journal of Hepatology, 2016, 65, S143-S155.	3.7	26
74	Cell-free expression, purification, and membrane reconstitution for NMR studies of the nonstructural protein 4B from hepatitis C virus. Journal of Biomolecular NMR, 2016, 65, 87-98.	2.8	25
75	Hepatitis E virus as a cause of acute hepatitis acquired in Switzerland. Liver International, 2018, 38, 619-626.	3.9	25
76	Wheat germ cell-free expression: Two detergents with a low critical micelle concentration allow for production of soluble HCV membrane proteins. Protein Expression and Purification, 2015, 105, 39-46.	1.3	24
77	Hepatitis E virus infection as a direct cause of neuralgic amyotrophy. Muscle and Nerve, 2016, 54, 325-327.	2.2	24
78	Targeting mitochondria in the infection strategy of the hepatitis C virus. International Journal of Biochemistry and Cell Biology, 2013, 45, 156-166.	2.8	23
79	Impact of Tenofovir on Hepatitis Delta Virus Replication in the Swiss Human Immunodeficiency Virus Cohort Study. Clinical Infectious Diseases, 2017, 64, 1275-1278.	5.8	23
80	Specific targeting of human hepatocellular carcinoma cells by immunoliposomesin vitro. Hepatology, 1995, 22, 1527-1537.	7.3	22
81	Multiplex Liquid Chromatography-Tandem Mass Spectrometry Assay for Simultaneous Therapeutic Drug Monitoring of Ribavirin, Boceprevir, and Telaprevir. Antimicrobial Agents and Chemotherapy, 2013, 57, 3147-3158.	3.2	22
82	A primer on the molecular virology of hepatitis C. Liver International, 2004, 24, 519-525.	3.9	21
83	Sofosbuvir add-on to ribavirin for chronic hepatitis E in a cirrhotic liver transplant recipient: a case report. BMC Gastroenterology, 2019, 19, 76.	2.0	21
84	Determinants for Membrane Association of the Hepatitis C Virus NS2 Protease Domain. Journal of Virology, 2014, 88, 6519-6523.	3.4	19
85	Acute immune thrombocytopaenic purpura in a patient with COVID-19 and decompensated cirrhosis. BMJ Case Reports, 2020, 13, e236815.	0.5	19
86	New insights into hepatitis B and C virus co-infection. Journal of Hepatology, 2009, 51, 423-425.	3.7	17
87	Absence of hepatitis delta infection in a large rural HIV cohort in Tanzania. International Journal of Infectious Diseases, 2016, 46, 8-10.	3.3	17
88	Autoimmune liver serology before and after successful treatment of chronic hepatitis C by direct acting antiviral agents. Journal of Autoimmunity, 2019, 102, 89-95.	6.5	16
89	The histologic presentation of hepatitis E reflects patients' immune status and pre-existing liver condition. Modern Pathology, 2021, 34, 233-248.	5.5	16
90	Protective role of amantadine in mitochondrial dysfunction and oxidative stress mediated by hepatitis C virus protein expression. Biochemical Pharmacology, 2014, 89, 545-556.	4.4	15

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91	Targeting Endoplasmic Reticulum and/or Mitochondrial Ca2+ Fluxes as Therapeutic Strategy for HCV Infection. Frontiers in Chemistry, 2018, 6, 73.	3.6	15
92	Biomarkers of liver dysfunction correlate with a prothrombotic and not with a prohaemorrhagic profile in patients with cirrhosis. JHEP Reports, 2020, 2, 100120.	4.9	15
93	Enhanced Gene Delivery and Expression in Human Hepatocellular Carcinoma Cells by Cationic Immunoliposomes. Journal of Liposome Research, 1997, 7, 127-141.	3.3	14
94	On the Host Side of the Hepatitis E Virus Life Cycle. Cells, 2020, 9, 1294.	4.1	14
95	Glycogen Synthase Kinase 3Î² Enhances Hepatitis C Virus Replication by Supporting miR-122. Frontiers in Microbiology, 2018, 9, 2949.	3.5	13
96	Hepatitis C virus variants resistant to macrocyclic NS3-4A inhibitors subvert IFN-Î² induction by efficient MAVS cleavage. Journal of Hepatology, 2015, 62, 779-784.	3.7	12
97	Late hepatitis B reactivation following directâ€acting antiviralâ€“based treatment of recurrent hepatitis C in an antiâ€HBcâ€“positive liver transplant recipient. Hepatology, 2018, 67, 791-793.	7.3	12
98	Differential modulation of hepatitis C virus replication and innate immune pathways by synthetic calcitriol-analogs. Journal of Steroid Biochemistry and Molecular Biology, 2018, 183, 142-151.	2.5	12
99	NS2 Proteins of GB Virus B and Hepatitis C Virus Share Common Protease Activities and Membrane Topologies. Journal of Virology, 2014, 88, 7426-7444.	3.4	10
100	Hepatocellular type II fibrinogen inclusions in a patient with severe COVID-19 and hepatitis. Journal of Hepatology, 2020, 73, 967-970.	3.7	10
101	Combined Lung and Liver Transplantation for Short Telomere Syndrome. Liver Transplantation, 2020, 26, 840-844.	2.4	10
102	Demographics and outcomes of hepatitis B and D: A 10-year retrospective analysis in a Swiss tertiary referral center. PLoS ONE, 2021, 16, e0250347.	2.5	9
103	Characteristics of Foreign-Born Persons in the Swiss Hepatitis C Cohort Study: Implications for Screening Recommendations. PLoS ONE, 2016, 11, e0155464.	2.5	9
104	Hepatitis E virus RNAâ€dependent RNA polymerase is involved in RNA replication and infectious particle production. Hepatology, 2022, 75, 170-181.	7.3	8
105	Hepatitis C virus comes full circle: Production of recombinant infectious virus in tissue culture. Hepatology, 2005, 42, 1264-1269.	7.3	7
106	Clinical Significance of the CCR5delta32 Allele in Hepatitis C. PLoS ONE, 2014, 9, e106424.	2.5	7
107	Therapeutic drug monitoring for sofosbuvir and daclatasvir in transplant recipients with chronic hepatitis C and advanced renal disease. Journal of Hepatology, 2016, 65, 1063-1065.	3.7	7
108	OCIAD1 is a host mitochondrial substrate of the hepatitis C virus NS3-4A protease. PLoS ONE, 2020, 15, e0236447.	2.5	7

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109	BRIP1coding variants are associated with a high risk of hepatocellular carcinoma occurrence in patients with HCV- or HBV-related liver disease. Oncotarget, 2017, 8, 62842-62857.	1.8	7
110	Stable human lymphoblastoid cell lines constitutively expressing hepatitis C virus proteins. Journal of General Virology, 2005, 86, 1737-1746.	2.9	6
111	Hepatitis A and E â€“ Differences and commonalities. Journal of Hepatology, 2020, 72, 578-580.	3.7	6
112	All-Cause Mortality and Causes of Death in the Swiss Hepatitis C Cohort Study (SCCS). Open Forum Infectious Diseases, 2020, 7, ofaa308.	0.9	6
113	Hepatic manifestations of Wilsonâ€™s disease: 12-year experience in a Swiss tertiary referral centre. Swiss Medical Weekly, 2018, 148, w14699.	1.6	6
114	Treatment of chronic hepatitis E with ribavirin: lessons from deep sequencing. Gut, 2016, 65, 1583-1584.	12.1	5
115	Hepatitis E virus finds its path through the gut. Gut, 2020, 69, 796-798.	12.1	5
116	Investigation of the Hepatitis C Virus Replication Complex. Methods in Molecular Biology, 2009, 510, 195-209.	0.9	4
117	Human genomics of acute liver failure due to hepatitis B virus infection: An exome sequencing study in liver transplant recipients. Journal of Viral Hepatitis, 2019, 26, 271-277.	2.0	4
118	Rapid Remission of Graves' Hyperthyroidism Without Thionamides Under Immunosuppressive Treatment for Concomitant Autoimmune Hepatitis. Thyroid, 2018, 28, 276-278.	4.5	3
119	High-dimensional immune phenotyping of blood cells by mass cytometry in patients infected with hepatitis C virus. Clinical Microbiology and Infection, 2022, 28, 611.e1-611.e7.	6.0	3
120	Sofosbuvir and ribavirin before liver re-transplantation for graft failure due to recurrent hepatitis C: a case report. BMC Gastroenterology, 2015, 15, 38.	2.0	2
121	A mouse model for hepatitis E virus infection. Journal of Hepatology, 2016, 64, 1003-1005.	3.7	2
122	Autochthonous hepatitis E as a cause of acute-on-chronic liver failure and death: histopathology can be misleading but transaminases may provide a clue. Swiss Medical Weekly, 2021, 151, w20502.	1.6	2
123	Case Report: SARS-CoV-2 as an unexpected causal agent of isolated febrile hepatitis. F1000Research, 2021, 10, 400.	1.6	1
124	Antiviral effects of antisense RNA on hepatitis C virus RNA translation and expression. Journal of Medical Virology, 1999, 57, 217-222.	5.0	1
125	Replication of Hepatitis C Virus. , 2012, , 97-110.		1
126	Reply. Gastroenterology, 2016, 150, 1690-1691.	1.3	0

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127	Chronic hepatitis C: Portrait of a silent epidemic and the etiologic agent. , 2008, , 95-120.		0
128	Increasing prevalence of obesity and diabetes among patients evaluated for liver transplantation in a Swiss tertiary referral center: a 10-year retrospective analysis. , 2022, 152, w30138.		0