Dubravko Forcic

List of Publications by Year in descending order

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56 papers	870 citations	430874 18 h-index	526287 27 g-index
56 all docs	56 docs citations	56 times ranked	1004 citing authors

#	Article	IF	Citations
1	Genomic diversity of mumps virus and global distribution of the 12 genotypes. Reviews in Medical Virology, 2015, 25, 85-101.	8.3	93
2	Application of short monolithic columns for fast purification of plasmid DNA. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2004, 801, 331-337.	2.3	71
3	Application of short monolithic columns for improved detection of viruses. Journal of Virological Methods, 2003, 110, 163-171.	2.1	58
4	Concentration and purification of rubella virus using monolithic chromatographic support. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2011, 879, 981-986.	2.3	32
5	Recovery of infective virus particles in ion-exchange and hydrophobic interaction monolith chromatography is influenced by particle charge and total-to-infective particle ratio. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2017, 1054, 10-19.	2.3	29
6	Comparisons of mumps virus potency estimates obtained by 50% cell culture infective dose assay and plaque assay. Vaccine, 2010, 28, 1887-1892.	3.8	28
7	Accumulation of defective interfering viral particles in only a few passages in Vero cells attenuates mumps virus neurovirulence. Microbes and Infection, 2015, 17, 228-236.	1.9	28
8	Genetic characterization of L-Zagreb mumps vaccine strain. Virus Research, 2005, 109, 95-105.	2.2	26
9	Mumps virus strains isolated in Croatia in 1998 and 2005: Genotyping and putative antigenic relatedness to vaccine strains. Journal of Medical Virology, 2006, 78, 638-643.	5.0	26
10	Purification of plant viral and satellite double-stranded RNAs on DEAE monoliths. Journal of Chromatography A, 2007, 1144, 111-119.	3.7	25
11	Purification of genomic DNA by short monolithic columns. Journal of Chromatography A, 2005, 1065, 115-120.	3.7	24
12	Detection and characterization of measles virus strains in cases of subacute sclerosing panencephalitis in Croatia. Virus Research, 2004, 99, 51-56.	2.2	23
13	Influence of charge ratio of liposome/DNA complexes on their size after extrusion and transfection efficiency. International Journal of Nanomedicine, 2012, 7, 393.	6.7	23
14	Stability, biophysical properties and effect of ultracentrifugation and diafiltration on measles virus and mumps virus. Archives of Virology, 2016, 161, 1455-1467.	2.1	22
15	Genetic diversity of human metapneumovirus in hospitalized children with acute respiratory infections in Croatia. Journal of Medical Virology, 2017, 89, 1885-1893.	5.0	21
16	The Emerging Role of Rhinoviruses in Lower Respiratory Tract Infections in Children â€“ Clinical and Molecular Epidemiological Study From Croatia, 2017â€“2019. Frontiers in Microbiology, 2019, 10, 2737.	3.5	20
17	A comparison of complete untranslated regions of measles virus genomes derived from wild-type viruses and SSPE brain tissues. Virus Genes, 2007, 35, 17-27.	1.6	19
18	Variability of hemagglutinin-neuraminidase and nucleocapsid protein of vaccine and wild-type mumps virus strains. Infection, Genetics and Evolution, 2008, 8, 603-613.	2.3	19

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19	A molecular epidemiological study of human respiratory syncytial virus in Croatia, 2011â€“2014. Infection, Genetics and Evolution, 2016, 44, 76-84.	2.3	19
20	Genetic analysis of human parainfluenza virus type 3 obtained in Croatia, 2011â€“2015. Journal of Medical Microbiology, 2017, 66, 502-510.	1.8	18
21	Detection of genetic lineages of human metapneumovirus in Croatia during the winter season 2005/2006. Journal of Medical Virology, 2008, 80, 1282-1287.	5.0	17
22	A study of the genetic variability of human respiratory syncytial virus in Croatia, 2006â€“2008. Journal of Medical Virology, 2012, 84, 1985-1992.	5.0	16
23	Nonspecific native elution of proteins and mumps virus in immunoaffinity chromatography. Journal of Chromatography A, 2016, 1447, 107-114.	3.7	14
24	Investigation of the thermal shift assay and its power to predict protein and virus stabilizing conditions. Journal of Pharmaceutical and Biomedical Analysis, 2018, 161, 73-82.	2.8	14
25	Genetic heterogeneity of L-Zagreb mumps virus vaccine strain. Virology Journal, 2008, 5, 79.	3.4	13
26	Stability of Minimum Essential Medium functionality despite l-glutamine decomposition. Cytotechnology, 2016, 68, 1171-1183.	1.6	11
27	Genetic diversity among human parainfluenza virus type 2 isolated in Croatia between 2011 and 2014. Journal of Medical Virology, 2016, 88, 1733-1741.	5.0	10
28	Mass spectrometry-based investigation of measles and mumps virus proteome. Virology Journal, 2018, 15, 160.	3.4	10
29	Prevalence and Molecular Characterization of Human Bocavirus Detected in Croatian Children with Respiratory Infection. Viruses, 2021, 13, 1728.	3.3	10
30	Genetic characterization of a mumps virus isolate during passaging in the amniotic cavity of embryonated chicken eggs. Virus Research, 2004, 99, 121-129.	2.2	9
31	Genetic characterization of wild type measles virus isolated in Croatia during the 2003-2004 outbreak. Journal of Medical Virology, 2005, 75, 307-312.	5.0	9
32	Determination of DNA entrapment into liposomes using short monolithic columns. Journal of Chromatography A, 2007, 1144, 150-154.	3.7	9
33	Identification of mumps virus protein and lipid composition by mass spectrometry. Virology Journal, 2016, 13, 9.	3.4	9
34	Chromatographic detection of residual cellular DNA on short monolithic columns. Analytical Biochemistry, 2005, 336, 273-278.	2.4	8
35	A study of genetic variability of human parainfluenza virus type 1 in Croatia, 2011â€“2014. Journal of Medical Microbiology, 2016, 65, 793-803.	1.8	8
36	Incidence of hepatitis C virus RNA in anti-HCV negative plasma pools in Croatia. Transfusion and Apheresis Science, 2001, 24, 269-278.	1.0	7

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37	Restriction enzyme cleavage of fluorescently labeled DNA fragmentsâ€"Analysis of the method and its usage in examination of digestion completeness. Analytical Biochemistry, 2006, 349, 277-284.	2.4	6
38	Isolation of cell-free DNA from plasma by chromatography on short monolithic columns and quantification of non-apoptotic fragments by real-time polymerase chain reaction. Journal of Chromatography A, 2009, 1216, 2717-2724.	3.7	6
39	The first genetic characterization of a D4 measles virus strain derived from a patient with subacute sclerosing panencephalitis. Infection, Genetics and Evolution, 2013, 17, 71-78.	2.3	6
40	Induction of IFN-‹i›Î±‹/i›Subtypes and Their Antiviral Activity in Mumps Virus Infection. Viral Immunology, 2014, 27, 497-505.	1.3	6
41	Early Evolution of Human Respiratory Syncytial Virus ON1 Strains: Analysis of the Diversity in the C-Terminal Hypervariable Region of Glycoprotein Gene within the First 3.5 Years since Their Detection. Intervirology, 2015, 58, 172-180.	2.8	6
42	Common position of indels that cause deviations from canonical genome organization in different measles virus strains. Virology Journal, 2016, 13, 134.	3.4	6
43	Intra- and intergenotype characterization of D6 measles virus genotype. Infection, Genetics and Evolution, 2007, 7, 645-650.	2.3	5
44	Native Human IFN-Î±Is a More Potent Suppressor of HDF Response to Profibrotic Stimuli Than Recombinant Human IFN-Î±. Journal of Interferon and Cytokine Research, 2007, 27, 481-490.	1.2	4
45	Comparative analysis of CEâ€SSCP to standard RFLPâ€CEâ€FLA method in quantification of known viral variants within an RNA virus quasispecies. Electrophoresis, 2011, 32, 1852-1859.	2.4	4
46	Variability analysis and inter-genotype comparison of human respiratory syncytial virus small hydrophobic gene. Virology Journal, 2018, 15, 109.	3.4	4
47	First recorded case of paramyxovirus infection introduced into a healthy snake collection in Croatia. BMC Veterinary Research, 2017, 13, 95.	1.9	3
48	Is Better Standardization of Therapeutic Antibody Quality in Emerging Diseases Epidemics Possible?. Frontiers in Immunology, 2022, 13, 816159.	4.8	3
49	Screening of serologically negative plasma pools for hepatitis C virus by nucleic acid amplification testing in Croatia, 2001â€"2003. Transfusion and Apheresis Science, 2005, 33, 175-179.	1.0	2
50	The role of interleukin-1Î² and platelet-derived growth factor-AB in antifibrosis mediated by native human interferon Î±. Surgery, 2010, 148, 490-498.	1.9	2
51	Critical factors for the replication of mumps virus in primary chicken embryo fibroblasts defined by the use of design of experiments (DoE). Applied Microbiology and Biotechnology, 2013, 97, 1533-1541.	3.6	2
52	Influence of population diversity on neurovirulence potential of plaque purified L-Zagreb variants. Vaccine, 2016, 34, 2383-2389.	3.8	2
53	Genetic Variability and Sequence Relatedness of Matrix Protein in Viruses of the Families Paramyxoviridae and Pneumoviridae. Intervirology, 2017, 60, 181-189.	2.8	2
54	Influence of Ribavirin on Mumps Virus Population Diversity. Viruses, 2021, 13, 2535.	3.3	2

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55	Population Variability Generated during Rescue Process and Passaging of Recombinant Mumps Viruses. Viruses, 2021, 13, 2550.	3.3	1
56	Optimal pool size and window period. Transfusion and Apheresis Science, 2001, 25, 153-155.	1.0	0