

Mikael Leijon

List of Publications by Year in descending order

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53
papers

1,585
citations

516710

16
h-index

302126

39
g-index

54
all docs

54
docs citations

54
times ranked

1887
citing authors

#	ARTICLE	IF	CITATIONS
1	Nitric Oxide Inhibits the Replication Cycle of Severe Acute Respiratory Syndrome Coronavirus. <i>Journal of Virology</i> , 2005, 79, 1966-1969.	3.4	292
2	Binding of .DELTA.- and .LAMBDA.-[Ru(phen)3]2+ to [d(CGCGATCGCG)]2 Studied by NMR. <i>Biochemistry</i> , 1994, 33, 5031-5040.	2.5	272
3	High Base Pair Opening Rates in Tracts of GC Base Pairs. <i>Journal of Biological Chemistry</i> , 1999, 274, 6957-6962.	3.4	139
4	Minor groove binding of [Ru(phen)3]2+ to [d(CGCGATCGCG)]2 evidenced by two-dimensional NMR. <i>Journal of the American Chemical Society</i> , 1992, 114, 4933-4934.	13.7	123
5	Structural Characterization of PNA-DNA Duplexes by NMR. Evidence for DNA in a B-like Conformation. <i>Biochemistry</i> , 1994, 33, 9820-9825.	2.5	109
6	1H NMR studies of selective interactions of norfloxacin with double-stranded DNA. <i>Biochemical and Biophysical Research Communications</i> , 2003, 304, 55-59.	2.1	69
7	Effects of sequence and length on imino proton exchange and base pair opening kinetics in DNA oligonucleotide duplexes. <i>Nucleic Acids Research</i> , 1992, 20, 5339-5343.	14.5	62
8	The Influence of the Thymine C5 Methyl Group on Spontaneous Base Pair Breathing in DNA. <i>Journal of Biological Chemistry</i> , 2002, 277, 28491-28497.	3.4	50
9	Imino Proton Exchange in DNA Catalyzed by Ammonia and Trimethylamine: Evidence for a Secondary Long-Lived Open State of the Base Pair. <i>Biochemistry</i> , 2000, 39, 607-615.	2.5	36
10	The interaction of ellipticine derivatives with nucleic acids studied by optical and 1H-nmr spectroscopy: Effect of size of the heterocyclic ring system. <i>Biopolymers</i> , 1994, 34, 599-609.	2.4	33
11	Rapid PCR-Based Molecular Pathotyping of H5 and H7 Avian Influenza Viruses. <i>Journal of Clinical Microbiology</i> , 2011, 49, 3860-3873.	3.9	25
12	Novel means of viral antigen identification: Improved detection of avian influenza viruses by proximity ligation. <i>Journal of Virological Methods</i> , 2010, 163, 116-122.	2.1	24
13	Cooperative strand invasion of supercoiled plasmid DNA by mixed linear PNA and PNA-peptide chimeras. <i>New Biotechnology</i> , 2004, 21, 51-59.	2.7	21
14	Accurate Detection of Avian Respiratory Viruses by Use of Multiplex PCR-Based Luminex Suspension Microarray Assay. <i>Journal of Clinical Microbiology</i> , 2016, 54, 2716-2725.	3.9	20
15	Adding functional entities to plasmids. <i>Journal of Gene Medicine</i> , 2004, 6, S36-S44.	2.8	19
16	Unique base-pair breathing dynamics in PNA-DNA hybrids 1 Edited by I. Tinoco. <i>Journal of Molecular Biology</i> , 1997, 271, 438-455.	4.2	17
17	The influence of intercalator binding on DNA triplex stability: correlation with effects on A-tract duplex structure. <i>Journal of Molecular Recognition</i> , 2004, 17, 277-285.	2.1	17
18	Internal motions of nucleic acid structures and the determination of base-pair lifetimes. <i>Biochimie</i> , 1997, 79, 775-779.	2.6	15

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19	Chlamydia pecorum Associated With an Outbreak of Infectious Keratoconjunctivitis in Semi-domesticated Reindeer in Sweden. <i>Frontiers in Veterinary Science</i> , 2019, 6, 14.	2.2	15
20	NMR Studies and Restrained-Molecular-Dynamics Calculations of a Long A+T-Rich Stretch in DNA. Effects of Phosphate Charge and Solvent Approximations. <i>FEBS Journal</i> , 1995, 234, 832-842.	0.2	14
21	Base-Pair Dynamics in an Antiparallel DNA Triplex Measured by Catalyzed Imino Proton Exchange Monitored via ¹ H NMR Spectroscopy. <i>Biochemistry</i> , 2003, 42, 12589-12595.	2.5	14
22	LightUp® probes in clinical diagnostics. <i>Molecular Aspects of Medicine</i> , 2006, 27, 160-175.	6.4	14
23	Multiple pathogen biomarker detection using an encoded bead array in droplet PCR. <i>Journal of Microbiological Methods</i> , 2017, 139, 22-28.	1.6	14
24	A-tract DNA disfavours triplex formation 1 Edited by A. Klug. <i>Journal of Molecular Biology</i> , 2002, 315, 737-748.	4.2	11
25	Development of a novel real-time PCR-based strategy for simple and rapid molecular pathotyping of Newcastle disease virus. <i>Archives of Virology</i> , 2012, 157, 833-844.	2.1	11
26	Detection of antibodies against H5 and H7 strains in birds: evaluation of influenza pseudovirus particle neutralization tests. <i>Infection Ecology and Epidemiology</i> , 2014, 4, 23011.	0.8	11
27	Longitudinal study of <i>Staphylococcus aureus</i> genotypes isolated from bovine clinical mastitis. <i>Journal of Dairy Science</i> , 2021, 104, 11945-11954.	3.4	11
28	Genetic variation and dynamics of infections of equid herpesvirus 5 in individual horses. <i>Journal of General Virology</i> , 2016, 97, 169-178.	2.9	10
29	A complete map of potential pathogenicity markers of avian influenza virus subtype H5 predicted from 11 expressed proteins. <i>BMC Microbiology</i> , 2015, 15, 128.	3.3	9
30	A novel combination of TaqMan RT-PCR and a suspension microarray assay for the detection and species identification of pestiviruses. <i>Veterinary Microbiology</i> , 2010, 142, 81-86.	1.9	8
31	Emergence of a new rhabdovirus associated with mass mortalities in eelpout (<i>Zoarces</i>) Tj ETQq1 1 0.784314 rgBT/Overlogk 10 Tf 5	1.9	8
32	Detection and Genetic Characterization of Viruses Present in Free-Ranging Snow Leopards Using Next-Generation Sequencing. <i>Frontiers in Veterinary Science</i> , 2020, 7, 645.	2.2	8
33	Assessment of Preparation of Samples Under the Field Conditions and a Portable Real-Time RT-PCR Assay for the Rapid On-Site Detection of Newcastle Disease Virus. <i>Transboundary and Emerging Diseases</i> , 2016, 63, e245-e250.	3.0	7
34	Proficiency Testing of Metagenomics-Based Detection of Food-Borne Pathogens Using a Complex Artificial Sequencing Dataset. <i>Frontiers in Microbiology</i> , 2020, 11, 575377.	3.5	7
35	Genetic Characterization of <i>Staphylococcus aureus</i> From Subclinical Mastitis Cases in Dairy Cows in Rwanda. <i>Frontiers in Veterinary Science</i> , 2021, 8, 751229.	2.2	7
36	Development and comparison of a Primer-Probe Energy Transfer based assay and a 5â€² conjugated Minor Groove Binder assay for sensitive real-time PCR detection of infectious laryngotracheitis virus. <i>Journal of Virological Methods</i> , 2011, 175, 149-155.	2.1	6

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37	Identification of combinatorial host-specific signatures with a potential to affect host adaptation in influenza A H1N1 and H3N2 subtypes. <i>BMC Genomics</i> , 2016, 17, 529.	2.8	6
38	The DEVD motif of Crimean-Congo hemorrhagic fever virus nucleoprotein is essential for viral replication in tick cells. <i>Emerging Microbes and Infections</i> , 2018, 7, 1-5.	6.5	6
39	Screening of Eurasian Tundra Reindeer for Viral Sequences by Next-Generation Sequencing. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 6561.	2.6	6
40	Proton Exchange Rates Measured by Saturation Transfer Using Delayed Randomization of the Solvent Magnetization. <i>Journal of Magnetic Resonance Series B</i> , 1996, 112, 181-185.	1.6	5
41	An unusual presentation of pseudocowpox associated with an outbreak of pustular ulcerative vulvovaginitis in a Swedish dairy herd. <i>Journal of Veterinary Diagnostic Investigation</i> , 2018, 30, 256-259.	1.1	5
42	Investigation of the viral and bacterial microbiota in intestinal samples from mink (<i>Neovison vison</i>) with pre-weaning diarrhea syndrome using next generation sequencing. <i>PLoS ONE</i> , 2018, 13, e0205890.	2.5	5
43	Seroprevalence of pestivirus in Eurasian tundra reindeer in Finland, Sweden, Norway, Iceland and Russian Federation. <i>Infection Ecology and Epidemiology</i> , 2019, 9, 1682223.	0.8	4
44	Identification and validation of internal reference genes for real-time quantitative polymerase chain reaction-based studies in <i>Hyalomma anatolicum</i> ticks. <i>Ticks and Tick-borne Diseases</i> , 2020, 11, 101417.	2.7	4
45	Molecular Approaches to Recognize Relevant and Emerging Infectious Diseases in Animals. <i>Methods in Molecular Biology</i> , 2015, 1247, 109-124.	0.9	4
46	Multiplex Nucleic Acid Suspension Bead Arrays for Detection and Subtyping of Filoviruses. <i>Journal of Clinical Microbiology</i> , 2015, 53, 1368-1370.	3.9	3
47	Separated by a Common Language: Awareness of Term Usage Differences Between Languages and Disciplines in Biopreparedness. <i>Biosecurity and Bioterrorism</i> , 2013, 11, S276-S285.	1.2	2
48	Comparing the treatment effect of narrow spectrum antimicrobial, probiotic and fluid with amoxicillin in mink kits (<i>Neovison vison</i>) with pre-weaning diarrhea. <i>Research in Veterinary Science</i> , 2019, 125, 121-129.	1.9	2
49	Visualization of intestinal infections with astro- and sapovirus in mink (<i>Neovison vison</i>) kits by <i>in situ</i> hybridization. <i>FEMS Microbes</i> , 2021, 2, .	2.1	2
50	Development of improved analytical methods for use in animal health and in foodborne disease surveillance for source attribution. <i>OIE Revue Scientifique Et Technique</i> , 2013, 32, 549-558.	1.2	2
51	Review of a New Molecular Virus Pathotyping Method in the Context of Bioterrorism. <i>Biosecurity and Bioterrorism</i> , 2013, 11, S241-S246.	1.2	1
52	Genetic variation and dynamics of infections of equine herpesvirus type 5 (EHV-5) in individual horses. <i>Journal of Equine Veterinary Science</i> , 2016, 39, S70.	0.9	0
53	RT-qPCR assay for detection of mink astrovirus in outbreaks of diarrhea on Danish mink farms. <i>PLoS ONE</i> , 2021, 16, e0252022.	2.5	0