

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
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54
all docs

54
docs citations

54
times ranked

1887
citing authors

#	ARTICLE	IF	CITATIONS
1	RT-qPCR assay for detection of mink astrovirus in outbreaks of diarrhea on Danish mink farms. PLoS ONE, 2021, 16, e0252022.	2.5	0
2	Screening of Eurasian Tundra Reindeer for Viral Sequences by Next-Generation Sequencing. International Journal of Environmental Research and Public Health, 2021, 18, 6561.	2.6	6
3	Longitudinal study of Staphylococcus aureus genotypes isolated from bovine clinical mastitis. Journal of Dairy Science, 2021, 104, 11945-11954.	3.4	11
4	Visualization of intestinal infections with astro- and sapovirus in mink (<i>Neovison vison</i>) kits by <i>in situ</i> hybridization. FEMS Microbes, 2021, 2, .	2.1	2
5	Genetic Characterization of Staphylococcus aureus From Subclinical Mastitis Cases in Dairy Cows in Rwanda. Frontiers in Veterinary Science, 2021, 8, 751229.	2.2	7
6	Proficiency Testing of Metagenomics-Based Detection of Food-Borne Pathogens Using a Complex Artificial Sequencing Dataset. Frontiers in Microbiology, 2020, 11, 575377.	3.5	7
7	Detection and Genetic Characterization of Viruses Present in Free-Ranging Snow Leopards Using Next-Generation Sequencing. Frontiers in Veterinary Science, 2020, 7, 645.	2.2	8
8	Identification and validation of internal reference genes for real-time quantitative polymerase chain reaction-based studies in Hyalomma anatolicum ticks. Ticks and Tick-borne Diseases, 2020, 11, 101417.	2.7	4
9	Comparing the treatment effect of narrow spectrum antimicrobial, probiotic and fluid with amoxicillin in mink kits (Neovison vison) with pre-weaning diarrhea. Research in Veterinary Science, 2019, 125, 121-129.	1.9	2
10	Chlamydia pecorum Associated With an Outbreak of Infectious Keratoconjunctivitis in Semi-domesticated Reindeer in Sweden. Frontiers in Veterinary Science, 2019, 6, 14.	2.2	15
11	Seroprevalence of pestivirus in Eurasian tundra reindeer in Finland, Sweden, Norway, Iceland and Russian Federation. Infection Ecology and Epidemiology, 2019, 9, 1682223.	0.8	4
12	An unusual presentation of pseudocowpox associated with an outbreak of pustular ulcerative vulvovaginitis in a Swedish dairy herd. Journal of Veterinary Diagnostic Investigation, 2018, 30, 256-259.	1.1	5
13	The DEVD motif of Crimean-Congo hemorrhagic fever virus nucleoprotein is essential for viral replication in tick cells. Emerging Microbes and Infections, 2018, 7, 1-5.	6.5	6
14	Investigation of the viral and bacterial microbiota in intestinal samples from mink (Neovison vison) with pre-weaning diarrhea syndrome using next generation sequencing. PLoS ONE, 2018, 13, e0205890.	2.5	5
15	Multiple pathogen biomarker detection using an encoded bead array in droplet PCR. Journal of Microbiological Methods, 2017, 139, 22-28.	1.6	14
16	Emergence of a new rhabdovirus associated with mass mortalities in eelpout (<i>Zoarces</i> Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 142 Td	1.9	8
17	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. Transboundary and Emerging Diseases, 2016, 63, e245-e250.	3.0	7
18	Genetic variation and dynamics of infections of equine herpesvirus type 5 (EHV-5) in individual horses. Journal of Equine Veterinary Science, 2016, 39, S70.	0.9	0

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19	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
20	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
21	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
22	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
23	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
24	Molecular Approaches to Recognize Relevant and Emerging Infectious Diseases in Animals. <i>Methods in Molecular Biology</i> , 2015, 1247, 109-124.	0.9	4
25	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
26	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
27	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
28	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
29	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
30	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
31	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
32	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
33	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
34	LightUp® probes in clinical diagnostics. <i>Molecular Aspects of Medicine</i> , 2006, 27, 160-175.	6.4	14
35	Nitric Oxide Inhibits the Replication Cycle of Severe Acute Respiratory Syndrome Coronavirus. <i>Journal of Virology</i> , 2005, 79, 1966-1969.	3.4	292
36	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

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37	Adding functional entities to plasmids. <i>Journal of Gene Medicine</i> , 2004, 6, S36-S44.	2.8	19
38	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
39	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
40	¹ H 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
41	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
42	A-tract DNA disfavors triplex formation 1 Edited by A. Klug. <i>Journal of Molecular Biology</i> , 2002, 315, 737-748.	4.2	11
43	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
44	High Base Pair Opening Rates in Tracts of GC Base Pairs. <i>Journal of Biological Chemistry</i> , 1999, 274, 6957-6962.	3.4	139
45	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
46	Internal motions of nucleic acid structures and the determination of base-pair lifetimes. <i>Biochimie</i> , 1997, 79, 775-779.	2.6	15
47	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
48	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
49	The interaction of ellipticine derivatives with nucleic acids studied by optical and ¹ H-nmr spectroscopy: Effect of size of the heterocyclic ring system. <i>Biopolymers</i> , 1994, 34, 599-609.	2.4	33
50	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
51	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
52	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
53	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