

Dusan Kunec

List of Publications by Year in descending order

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Version: 2024-02-01

16
papers

699
citations

933264

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940416

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all docs

20
docs citations

20
times ranked

1310
citing authors

#	ARTICLE	IF	CITATIONS
1	Age-Dependent Progression of SARS-CoV-2 Infection in Syrian Hamsters. <i>Viruses</i> , 2020, 12, 779.	1.5	192
2	Codon Pair Bias Is a Direct Consequence of Dinucleotide Bias. <i>Cell Reports</i> , 2016, 14, 55-67.	2.9	119
3	The Roborovski Dwarf Hamster Is A Highly Susceptible Model for a Rapid and Fatal Course of SARS-CoV-2 Infection. <i>Cell Reports</i> , 2020, 33, 108488.	2.9	76
4	Mechanism of Virus Attenuation by Codon Pair Deoptimization. <i>Cell Reports</i> , 2020, 31, 107586.	2.9	53
5	Development of safe and highly protective live-attenuated SARS-CoV-2 vaccine candidates by genome recoding. <i>Cell Reports</i> , 2021, 36, 109493.	2.9	46
6	A phylogenomic analysis of Marek's disease virus reveals independent paths to virulence in Eurasia and North America. <i>Evolutionary Applications</i> , 2017, 10, 1091-1101.	1.5	45
7	Attenuation of a very virulent Marek's disease herpesvirus (MDV) by codon pair bias deoptimization. <i>PLoS Pathogens</i> , 2018, 14, e1006857.	2.1	37
8	Live attenuated virus vaccine protects against SARS-CoV-2 variants of concern B.1.1.7 (Alpha) and B.1.351 (Beta). <i>Science Advances</i> , 2021, 7, eabk0172.	4.7	32
9	A proofreading-impaired herpesvirus generates populations with quasispecies-like structure. <i>Nature Microbiology</i> , 2019, 4, 2175-2183.	5.9	17
10	Isolation and characterization of new Puumala orthohantavirus strains from Germany. <i>Virus Genes</i> , 2020, 56, 448-460.	0.7	12
11	ACE2 Variants Indicate Potential SARS-CoV-2 Susceptibility in Animals: A Molecular Dynamics Study. <i>Molecular Informatics</i> , 2021, 40, e2100031.	1.4	8
12	Attenuation of Viruses by Large-Scale Recoding of their Genomes: the Selection Is Always Biased. <i>Current Clinical Microbiology Reports</i> , 2018, 5, 66-72.	1.8	7
13	Codon pair bias deoptimization of the major oncogene meq of a very virulent Marek's disease virus. <i>Journal of General Virology</i> , 2018, 99, 1705-1716.	1.3	7
14	Proteomics Applied to Avian Herpesviruses. <i>Avian Diseases</i> , 2013, 57, 351-359.	0.4	5
15	Zoonotic pathogen screening of striped field mice (<i>Apodemus agrarius</i>) from Austria. <i>Transboundary and Emerging Diseases</i> , 2022, 69, 886-890.	1.3	4
16	Engineering and Characterization of Avian Coronavirus Mutants Expressing Fluorescent Reporter Proteins from the Replicase Gene. <i>Journal of Virology</i> , 0, , .	1.5	0