BogusÅ‚aw Szewczyk

List of Publications by Year
in descending order

68 papers	1,283 citations	567281 15 h-index	414414 32 g-index
71 all docs	71 docs citations	71 times ranked	1342 citing authors

#	Article	IF	Citations
1	Baculoviruses â€" re-emerging biopesticides. Biotechnology Advances, 2006, 24, 143-160.	11.7	223
2	A method for the efficient blotting of strongly basic proteins from sodium dodecyl sulfate-polyacrylamide gels to nitrocellulose. Analytical Biochemistry, 1985, 150, 403-407.	2.4	167
3	Preparative elution of proteins blotted to Immobilon membranes. Analytical Biochemistry, 1988, 168, 48-53.	2.4	161
4	Baculovirus Pesticides: Present State and Future Perspectives. , 2011, , 415-445.		69
5	Purification, thioredoxin renaturation, and reconstituted activity of the three subunits of the influenza A virus RNA polymerase.. Proceedings of the National Academy of Sciences of the United States of America, 1988, 85, 7907-7911.	7.1	51
6	Production and Biomedical Application of Flavivirus-like Particles. Trends in Biotechnology, 2019, 37, 1202-1216.	9.3	35
7	New baculovirus recombinants expressing Pseudorabies virus (PRV) glycoproteins protect mice against lethal challenge infection. Vaccine, 2009, 27, 3584-3591.	3.8	31
8	Severe Acute Respiratory Syndrome Coronavirus 2 in Farmed Mink (Neovison vison), Poland. Emerging Infectious Diseases, 2021, 27, 2333-2339.	4.3	30
9	Recombinant VP60 in the form of virion-like particles as a potential vaccine against rabbit hemorrhagic disease virus.. Acta Biochimica Polonica, 2019, 53, 371-376.	0.5	25
10	Inclusion bodies from recombinant bacteria as a novel system for delivery of vaccine antigen by the oral route. Immunology Letters, 2004, 91, 197-204.	2.5	24
11	An avian influenza H5N1 virus vaccine candidate based on the extracellular domain produced in yeast system as subviral particles protects chickens from lethal challenge. Antiviral Research, 2016, 133, 242-249.	4.1	22
12	In vitro antiviral activity of some uridine derivatives of 2-deoxy sugars against classical swine fever virus. Antiviral Research, 2010, 86, 154-162.	4.1	20
13	Human antibodies to herpes simplex virus type 1 glycoprotein C are neutralizing and target the heparan sulfate-binding domain. Virology, 2010, 400, 197-206.	2.4	20
14	Human Gb3/CD77 synthase reveals specificity toward two or four different acceptors depending on amino acid at position 211, creating Pk, P1 and NOR blood group antigens. Biochemical and Biophysical Research Communications, 2016, 470, 168-174.	2.1	20
15	The Baculovirus-Expressed Binding Region of Plasmodium falciparum EBA-140 Ligand and Its Glycophorin C Binding Specificity. PLoS ONE, 2015, 10, e0115437.	2.5	19
16	Identification of T4 gene 25 product, a component of the tail baseplate, as a 15K lysozyme. Molecular Genetics and Genomics, 1986, 202, 363-367.	2.4	16
17	Fluorescent staining of proteins transferred to nitrocellulose allowing for subsequent probing with antisera. Analytical Biochemistry, 1987, 164, 303-306.	2.4	16
18	Novel thioglycosyl analogs of glycosyltransferase substrates as antiviral compounds against classical swine fever virus and hepatitis C virus. European Journal of Medicinal Chemistry, 2017, 137, 247-262.	5.5	16

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19	A highly specific and sensitive competitive enzyme-linked immunosorbent assay (ELISA) based on baculovirus expressed pseudorabies virus glycoprotein gE and gI complex. Veterinary Microbiology, 1999, 69, 239-249.	1.9	13
20	Highly immunogenic primeâ€“boost DNA vaccination protects chickens against challenge with homologous and heterologous H5N1 virus. Trials in Vaccinology, 2014, 3, 40-46.	1.2	13
21	Rapid Differentiation of Mixed Influenza A/H1N1 Virus Infections with Seasonal and Pandemic Variants by Multitemperature Single-Stranded Conformational Polymorphism Analysis. Journal of Clinical Microbiology, 2011, 49, 2216-2221.	3.9	11
22	The genome of Dasychira pudibunda nucleopolyhedrovirus (DapuNPV) reveals novel genetic connection between baculoviruses infecting moths of the Lymantriidae family. BMC Genomics, 2015, 16, 759.	2.8	11
23	An alphabaculovirus isolated from dead Lymantria dispar larvae shows high genetic similarity to baculovirus previously isolated from Lymantria monacha â€“ An example of adaptation to a new host. Journal of Invertebrate Pathology, 2016, 139, 56-66.	3.2	11
24	Expression of recombinant human bifunctional peptidylglycine Î±-amidating monooxygenase in CHO cells and its use for insulin analogue modification. Protein Expression and Purification, 2016, 119, 102-109.	1.3	11
25	Detection of Newcastle Disease Virus Minor Genetic Variants by Modified Single-Stranded Conformational Polymorphism Analysis. BioMed Research International, 2014, 2014, 1-8.	1.9	10
26	Synthesis and antiviral activity of a novel glycosyl sulfoxide against classical swine fever virus. Bioorganic and Medicinal Chemistry, 2014, 22, 2662-2670.	3.0	10
27	Morphological, genetic and biological characterisation of a novel alphabaculovirus isolated from Cryptophlebia peltastica (Lepidoptera: Tortricidae). Journal of Invertebrate Pathology, 2018, 157, 90-99.	3.2	10
28	A novel hemagglutinin protein produced in bacteria protects chickens against H5N1 highly pathogenic avian influenza viruses by inducing H5 subtype-specific neutralizing antibodies. PLoS ONE, 2017, 12, e0172008.	2.5	10
29	Effect of N-glycosylation inhibition on the synthesis and processing of classical swine fever virus glycoproteins.. Acta Biochimica Polonica, 2007, 54, 813-819.	0.5	10
30	Hemagglutinin stalk domain from H5N1 strain as a potentially universal antigen.. Acta Biochimica Polonica, 2014, 61, .	0.5	10
31	Use of different fluorochromes for monitoring protein elution and transfer. Electrophoresis, 1987, 8, 25-28.	2.4	9
32	Detection and identification of baculovirus pesticides by multitemperature single-strand conformational polymorphism. Journal of Environmental Science and Health - Part B Pesticides, Food Contaminants, and Agricultural Wastes, 2008, 43, 539-545.	1.5	9
33	Application of Baculovirus-Insect Cell Expression System for Human Therapy. Current Pharmaceutical Biotechnology, 2011, 12, 1840-1849.	1.6	9
34	Anti-influenza A virus activity of uridine derivatives of 2-deoxy sugars. Antiviral Research, 2013, 100, 90-97.	4.1	9
35	Biological Evaluation of Uridine Derivatives of 2-Deoxy Sugars as Potential Antiviral Compounds against Influenza A Virus. International Journal of Molecular Sciences, 2017, 18, 1700.	4.1	8
36	Expression, purification and characterization of glycosylated influenza H5N1 hemagglutinin produced in Pichia pastoris.. Acta Biochimica Polonica, 2014, 61, .	0.5	8

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37	Expression of avian influenza haemagglutinin (H5) and chicken interleukin 2 (chIL-2) under control of the ptcB promoter in Lactococcus lactis. Acta Biochimica Polonica, 2014, 61, 609-14.	0.5	8
38	Purification and Some Properties of Bacteriophage T4 Particle-Associated Lysozyme. FEBS Journal, 1983, 133, 717-722.	0.2	7
39	Detection of changes in avian influenza genome fragments by multitemperature single-strand conformational polymorphism. Molecular and Cellular Probes, 2008, 22, 301-304.	2.1	7
40	Genome Analysis and Genetic Stability of the Cryptophlebia leucotreta Granulovirus (CrleGV-SA) after 15 Years of Commercial Use as a Biopesticide. International Journal of Molecular Sciences, 2017, 18, 2327.	4.1	7
41	Antiviral Activity of Uridine Derivatives of 2-Deoxy Sugars against Tick-Borne Encephalitis Virus. Molecules, 2019, 24, 1129.	3.8	7
42	Affinity purification on bacteriophage T4 lysozyme free of nuclease. FEBS Letters, 1982, 139, 97-100.	2.8	6
43	Evaluation of the Presence of ASFV in Wolf Feces Collected from Areas in Poland with ASFV Persistence. Viruses, 2021, 13, 2062.	3.3	6
44	Hemagglutinin stalk domain from H5N1 strain as a potentially universal antigen. Acta Biochimica Polonica, 2014, 61, 541-50.	0.5	6
45	A sensitive staining method for detecting acidic polysaccharides in cellulose acetate and agarose gels. Analytical Biochemistry, 1983, 130, 60-64.	2.4	5
46	Elution of glycoproteins from replicas of sodium dodecyl sulfate-polyacrylamide gel electrophoresis gels. Electrophoresis, 1998, 19, 220-223.	2.4	5
47	Anti-Tick-Borne Encephalitis Virus Activity of Novel Uridine Glycoconjugates Containing Amide or/and 1,2,3-Triazole Moiety in the Linker Structure. Pharmaceuticals, 2020, 13, 460.	3.8	5
48	Elution of SDS-PAGE Separated Proteins from Immobilon Membranes for Use as Antigens. Springer Protocols, 1996, , 699-702.	0.3	5
49	Expression, purification and characterization of glycosylated influenza H5N1 hemagglutinin produced in Pichia pastoris. Acta Biochimica Polonica, 2014, 61, 597-602.	0.5	5
50	Genetic diversity of hemagglutinin gene of A(H1N1)pdm09 influenza strains isolated in Taiwan and its potential impact on HA-neutralizing epitope interaction. Human Vaccines and Immunotherapeutics, 2014, 10, 577-585.	3.3	4
51	Complete Genome Sequence of Lymantria dispar multiple nucleopolyhedrovirus Isolated in Southwestern Poland. Genome Announcements, 2016, 4, .	0.8	4
52	Efficient Elution of Purified Proteins from Polyvinylidene Difluoride Membranes (Immobilon) After Transfer from SDS-PAGE and Their Use as Immunogens. , 1992, 80, 7-12.		3
53	Efficient elution of purified proteins from polyvinylidene difluoride membranes (immobilon) after transfer from SDS-PAGE and their use as immunogenes. Molecular Biotechnology, 1994, 2, 129-134.	2.4	3
54	Characterization of changes in the short unique segment of pseudorabies virus BUK-TK900 (Suivac A) vaccine strain. Archives of Virology, 2003, 148, 1593-1612.	2.1	3

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55	New Method for Differentiation of Granuloviruses (Betabaculoviruses) Based on Multitemperature Single Stranded Conformational Polymorphism. International Journal of Molecular Sciences, 2018, 19, 83.	4.1	3
56	Anti-Hepatitis C Virus Activity of Uridine Derivatives of 2-Deoxy Sugars. Molecules, 2018, 23, 1547.	3.8	3
57	New Method for Differentiation of Granuloviruses (Betabaculoviruses) Based on Real-Time Polymerase Chain Reaction (Real-Time PCR). Viruses, 2019, 11, 115.	3.3	3
58	Use of Proteins Blotted to Polyvinylidene Difluoride Membranes as Immunogens. Methods in Molecular Biology, 1998, 80, 81-85.	0.9	3
59	Characterization of mAb6-9-1 monoclonal antibody against hemagglutinin of avian influenza virus H5N1 and its engineered derivative, single-chain variable fragment antibody. Acta Biochimica Polonica, 2017, 64, 85-92.	0.5	3
60	Purification of Glycoproteins and Their Use as Immunogens. Methods in Molecular Biology, 1998, 80, 87-93.	0.9	2
61	Detection of avian influenza virus and newcastle disease virus by duplex one step RT PCR. Open Life Sciences, 2013, 8, 520-526.	1.4	2
62	Analysis of Coinfections with A/H1N1 Strain Variants among Pigs in Poland by Multitemperature Single-Strand Conformational Polymorphism. BioMed Research International, 2015, 2015, 1-9.	1.9	2
63	Novel Uridine Glycoconjugates, Derivatives of 4-Aminophenyl 1-Thioglycosides, as Potential Antiviral Compounds. Molecules, 2018, 23, 1435.	3.8	2
64	Baculovirus expression and potential diagnostic application of the gp51 envelope glycoprotein of genetic mutants of the bovine leukaemia virus. Journal of Veterinary Research (Poland), 2019, 63, 1-6.	1.0	1
65	A multiplex real-time PCR assay for detection of oseltamivir-resistant strains of influenza virus. Open Life Sciences, 2014, 9, 628-633.	1.4	0
66	High-Titre Neutralizing Antibodies to H1N1 Influenza Virus after Mouse Immunization with Yeast Expressed H1 Antigen: A Promising Influenza Vaccine Candidate. Journal of Immunology Research, 2019, 2019, 1-9.	2.2	0
67	Coding-Complete Genome Sequences of Six Influenza Type A Strains Circulating in Lithuania in the 2009â€“2010 Epidemic Season. Microbiology Resource Announcements, 2021, 10, .	0.6	0
68	Characterization of Immune Response towards Generation of Universal Anti-HA-Stalk Antibodies after Immunization of Broiler Hens with Triple H5N1/NA-HA-M1 VLPs. Viruses, 2022, 14, 730.	3.3	0