Bernard Ba Van Der Zeijst

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Development and validation of an algorithm to estimate the risk of severe complications of COVID-19: a retrospective cohort study in primary care in the Netherlands. BMJ Open, 2021, 11, e050059.	0.8	2
2	The 180 splice variant of NCAM—containing exon 18—is specifically expressed in small cell lung cancer cells. Translational Lung Cancer Research, 2018, 7, 376-388.	1.3	5
3	An improved whole cell pertussis vaccine with reduced content of endotoxin. Human Vaccines and Immunotherapeutics, 2013, 9, 339-348.	1.4	34
4	Impaired production of TNF-α by dendritic cells of older adults leads to a lower CD8+ T cell response against influenza. Vaccine, 2012, 30, 1659-1666.	1.7	20
5	Cost-effectiveness of rotavirus vaccination in the Netherlands; the results of a consensus model. BMC Public Health, 2011, 11, 462.	1.2	38
6	Implementing neonatal screening for congenital cytomegalovirus: addressing the deafness of policy makers. Reviews in Medical Virology, 2011, 21, 54-61.	3.9	38
7	Aging and impaired immunity to influenza viruses: Implications for vaccine development. Hum Vaccin, 2011, 7, 94-98.	2.4	57
8	Fascination for vaccination: About achievements and challenges in the vaccine world. Hum Vaccin, 2011, 7, 144-148.	2.4	0
9	Hepatitis B vaccination strategies tailored to different endemicity levels: Some considerations. Vaccine, 2010, 28, 893-900.	1.7	20
10	Vaccines in a hurry. Vaccine, 2009, 27, 3295-3298.	1.7	15
11	Vaccines and global stability: achievements and challenges. Expert Review of Vaccines, 2008, 7, 1457-1460.	2.0	3
12	On the design of national vaccination programmes. Vaccine, 2007, 25, 3143-3145.	1.7	6
13	Cloning and characterization of the lytB gene of Campylobacter jejuni. FEMS Microbiology Letters, 2006, 157, 117-121.	0.7	4
14	Antiviral treatment is more effective than smallpox vaccination upon lethal monkeypox virus infection. Nature, 2006, 439, 745-748.	13.7	180
15	Modified Vaccinia Virus Ankara Protects Macaques against Respiratory Challenge with Monkeypox Virus. Journal of Virology, 2005, 79, 7845-7851.	1.5	202
16	Genetic Basis for the Structural Difference between Streptococcus pneumoniae Serotype 15B and 15C Capsular Polysaccharides. Infection and Immunity, 2003, 71, 6192-6198.	1.0	127
17	Identification of Genes Affecting Salmonella enterica Serovar Enteritidis Infection of Chicken Macrophages. Infection and Immunity, 2002, 70, 5319-5321.	1.0	32
18	Organization and characterization of the capsule biosynthesis locus of Streptococcus pneumoniae serotype 9V The GenBank accession number for the sequence reported in this paper is AF402095 Microbiology (United Kingdom), 2002, 148, 1747-1755.	0.7	35

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19	Genetic Variation and Evolutionary Origin of the Direct Repeat Locus of Mycobacterium tuberculosis Complex Bacteria. Journal of Bacteriology, 2000, 182, 2393-2401.	1.0	243
20	Antibody response of patients infected with verocytotoxin-producing Escherichia coli to protein antigens encoded on the LEE locus. Journal of Medical Microbiology, 2000, 49, 97-101.	0.7	53
21	DNA Rearrangements in the Flagellin Locus of an flaA Mutant of Campylobacter jejuni during Colonization of Chicken Ceca. Infection and Immunity, 2000, 68, 7137-7140.	1.0	38
22	Inactivation of the flagellin gene of Salmonella enterica serotype Enteritidis strongly reduces invasion into differentiated Caco-2 cells. FEMS Microbiology Letters, 2000, 185, 175-179.	0.7	58
23	A novel approach for the construction of a Campylobacter mutant library. Microbiology (United) Tj ETQq1 1 0.78	4314 rgB ⁻ 0.7	Г /Qyerlock 1
24	Detection of Spirochetes by Polymerase Chain Reaction and its Relation to the Course of Digital Dermatitis after Local Antibiotic Treatment in Dairy Cattle. Zoonoses and Public Health, 1999, 46, 117-126.	1.4	14
25	A serological study of cohorts of young dogs, naturally exposed to <i>ixodes ricinus</i> ticks, indicates seasonal reinfection by <i>Borrelia burgdorferi</i> sensu lato. Veterinary Quarterly, 1999, 21, 16-20.	3.0	22
26	Cloning and characterization of the gene encoding the primary Ã-factor ofCampylobacter jejuni. FEMS Microbiology Letters, 1998, 162, 97-103.	0.7	7
27	Cloning and characterization of the gene encoding the primary σ-factor of Campylobacter jejuni. FEMS Microbiology Letters, 1998, 162, 97-103.	0.7	12
28	The lipopolysaccharide biosynthesis locus of Campylobacter jejuni 81116. Microbiology (United) Tj ETQq0 0 0 rg	BT /Qverlc 0.7	ock 10 Tf 50 3
29	Diversity of Capsular Polysaccharide Synthesis Gene Clusters in Streptococcus pneumoniae. Journal of Biochemistry, 1998, 123, 937-945.	0.9	39
30	Expression of Campylobacter hyoilei lipo-oligosaccharide (LOS) antigens in Escherichia coli. Microbiology (United Kingdom), 1997, 143, 3481-3489.	0.7	20
31	Functional Analysis of Glycosyltransferases Encoded by the Capsular Polysaccharide Biosynthesis Locus of Streptococcus pneumoniae Serotype 14. Journal of Biological Chemistry, 1997, 272, 19502-19508.	1.6	81
32	Molecular discrimination betweenCampylobacter jejuni,Campylobacter coli,Campylobacter lariandCampylobacter upsaliensisby polymerase chain reaction based on a novel putative GTPase gene. Molecular and Cellular Probes, 1997, 11, 177-185.	0.9	26
33	Cloning and characterization of the lytB gene of Campylobacter jejuni. FEMS Microbiology Letters, 1997, 157, 117-121.	0.7	8
34	Capsular polysaccharide synthesis in Streptococcus pneumoniae serotype 14: molecular analysis of the complete cps locus and identification of genes encoding glycosyltransferases required for the biosynthesis of the tetrasaccharide subunit. Molecular Microbiology, 1997, 26, 197-208.	1.2	133
35	The aroA gene of Campylobacter jejuni. Gene, 1996, 181, 109-112.	1.0	7
36	Fimbriae of human enterotoxigenic Escherichia coli and their possible use as vaccine components. Reviews in Medical Microbiology, 1996, 7, 165.	0.4	5

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37	Characterization of the fim2 and fim3 fimbrial subunit genes of Bordetella bronchiseptica: roles of Fim2 and Fim3 fimbriae and flagella in adhesion. Infection and Immunity, 1996, 64, 5098-5105.	1.0	24
38	The capsule polysaccharide synthesis locus of streptococcus pneumoniae serotype 14: Identification of the glycosyl transferase gene cps14E. Journal of Bacteriology, 1996, 178, 3736-3741.	1.0	80
39	Analysis of flagellin gene expression in flagellar phase variants ofCampylobacter jejuni 81116. Antonie Van Leeuwenhoek, 1995, 67, 377-383.	0.7	15
40	Identification of the domain which determines the g,m serotype of the flagellin of Salmonella enteritidis. Journal of Bacteriology, 1995, 177, 1610-1613.	1.0	26
41	Use of a specific immunogenic region on the Cowdria ruminantium MAP1 protein in a serological assay. Journal of Clinical Microbiology, 1995, 33, 2405-2410.	1.8	83
42	Comparison of the 23S ribosomal RNA genes and the spacer region between the 16S and 23S rRNA genes of the closely related Mycobacterium avium and Mycobacterium paratuberculosis and the fast-growing Mycobacterium phlei. Microbiology (United Kingdom), 1994, 140, 1103-1108.	0.7	46
43	Rapid and specific detection of pathogenicleptospira species by amplification of ribosomal sequences. Molecular Biotechnology, 1994, 2, 1-14.	1.3	20
44	Characterization of three putative Serpulina hyodysenteriae hemolysins. Microbial Pathogenesis, 1994, 16, 269-282.	1.3	61
45	Regions of the CFA/I promoter involved in the activation by the transcriptional activator CfaD and repression by the histone-like protein H-NS. Biochimie, 1994, 76, 1052-1054.	1.3	17
46	Molecular cloning, sequence analysis, and expression of the gene encoding the immunodominant 32-kilodalton protein of Cowdria ruminantium. Infection and Immunity, 1994, 62, 1451-1456.	1.0	101
47	Reduced virulence of Serpulina hyodysenteriae hemolysin-negative mutants in pigs and their potential to protect pigs against challenge with a virulent strain. Infection and Immunity, 1994, 62, 2244-2248.	1.0	65
48	Differential flagellin expression in a flaA flaB+ mutant of Campylobacter jejuni. Infection and Immunity, 1994, 62, 3901-3906.	1.0	59
49	Development and evaluation of PCR test for detection of Taylorella equigenitalis. Journal of Clinical Microbiology, 1994, 32, 893-896.	1.8	44
50	Invasion of HeLa cells by Bordetella bronchiseptica. Microbial Pathogenesis, 1993, 14, 161-168.	1.3	32
51	Identification of Bordetella avium using the polymerase chain reaction. Microbial Pathogenesis, 1993, 15, 207-215.	1.3	18
52	The Role of Hemolysin(s) in the Pathogenesis of Serpulina hyodysenteriae. Zentralblatt Fur Bakteriologie: International Journal of Medical Microbiology, 1993, 278, 316-325.	0.5	11
53	Genetic manipulation of Campylobacter: evaluation of natural transformation and electro-transformation. Gene, 1993, 132, 131-135.	1.0	96
54	Colonization of chicks by motility mutants of Campylobacter jejuni demonstrates the importance of flagellin A expression. Journal of General Microbiology, 1993, 139, 1171-1175.	2.3	224

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55	Molecular analysis of a flagellar core protein gene of Serpulina (Treponema) hyodysenteriae. Journal of General Microbiology, 1993, 139, 1701-1706.	2.3	30
56	Differential decay of RNA of the CFA/I fimbrial operon and control of relative gene expression. Journal of Bacteriology, 1993, 175, 7976-7981.	1.0	30
57	Effects of multiplicity of infection, bacterial protein synthesis, and growth phase on adhesion to and invasion of human cell lines by Salmonella typhimurium. Infection and Immunity, 1993, 61, 5013-5020.	1.0	79
58	Genetic similarity of intestinal spirochetes from humans and various animal species. Journal of Clinical Microbiology, 1993, 31, 711-716.	1.8	49
59	Rapid detection and identification of Mycobacterium avium by amplification of 16S rRNA sequences. Journal of Clinical Microbiology, 1993, 31, 2509-2512.	1.8	11
60	Cloning and partial characterization of the Cr32 gene of Cowdria ruminantium. Revue D'Elevage Et De Medecine Veterinaire Des Pays Tropicaux, 1993, 46, 167-70.	0.2	4
61	Phylogenetic Position of Cowdria ruminantium (Rickettsiales) Determined by Analysis of Amplified 16S Ribosomal DNA Sequences. International Journal of Systematic Bacteriology, 1992, 42, 494-498.	2.8	70
62	Amplification of 16S rRNA sequences to detect Mycobacterium paratuberculosis. Journal of Medical Microbiology, 1992, 36, 255-263.	0.7	26
63	Location of antigenic sites defined by neutralizing monoclonal antibodies on the S1 avian infectious bronchitis virus glycopolypeptide. Journal of General Virology, 1992, 73, 591-596.	1.3	186
64	The periplasmic flagella of Serpulina (Treponema) hyodysenteriae are composed of two sheath proteins and three core proteins Journal of General Microbiology, 1992, 138, 2697-2706.	2.3	32
65	The complete nucleotide sequence of region 1 of the CFA/I fimbria! operon of human enterotoxigenic <i>Escherichia coli</i> . DNA Sequence, 1992, 2, 257-263.	0.7	47
66	Inactivation of a hemolysin gene by homologous recombination: Importance of this hemolysin in pathogenesis of in mice. FEMS Microbiology Letters, 1992, 92, 109-113.	0.7	33
67	Nucleotide sequences of the major subunits of F9 and F12 fimbriae of uropathogenic Escherichia coli. Microbial Pathogenesis, 1992, 13, 161-166.	1.3	8
68	Presence of putative sphingomyelinase genes among members of the family Leptospiraceae. Infection and Immunity, 1992, 60, 1707-1710.	1.0	33
69	Rapid detection and identification of avian infectious bronchitis virus. Journal of Clinical Microbiology, 1992, 30, 79-84.	1.8	61
70	Evaluation of the abilities of three diagnostic tests based on the polymerase chain reaction to detect Mycobacterium paratuberculosis in cattle: application in a control program. Journal of Clinical Microbiology, 1992, 30, 1216-1219.	1.8	71
71	Competitive enzyme-linked immunosorbent assay for heartwater using monoclonal antibodies to a Cowdria ruminantium-specific 32-kilodalton protein. Veterinary Microbiology, 1991, 28, 199-211.	0.8	46
72	Immunogenicity of peptides simulating a neutralization epitope of transmissible gastroenteritis virus. Virology, 1991, 182, 371-375.	1.1	16

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73	Analysis of the first two genes of the CS1 fimbrial operon in human enterotoxigenicEscherichia coliof serotype 0139: H28. FEMS Microbiology Letters, 1991, 80, 265-270.	0.7	18
74	Variations in <i>Campylobacter jejuni</i> Flagellin, and Flagellin Genes, During <i>In Vivo</i> and <i>In Vivo</i> and <i>In Vitro</i> Passage. Microbial Ecology in Health and Disease, 1991, 4, 135-140.	3.8	7
75	The nucleotide sequence of a regulatory gene present on a plasmid in an enterotoxigenic strain of serotype O167:H5. FEMS Microbiology Letters, 1991, 83, 341-346.	0.7	15
76	Localization of immunogenic regions on the flagellin proteins of Campylobacter jejuni 81116. Infection and Immunity, 1991, 59, 1100-1105.	1.0	45
77	Mapping of viral epitopes with prokaryotic expression products. Archives of Virology, 1990, 110, 1-24.	0.9	32
78	The Use of Immunodeficient Male (CBA/N x BALB/c) F1 Mice to Produce Monoclonal Antibodies Directed to Proteins of <i>Leptospira interrogans</i> Rather than to Immunodominant Lipopolysaccharides. Hybridoma, 1990, 9, 275-283.	0.9	10
79	Size and physical map of theCampylobacter jejunichromosome. Nucleic Acids Research, 1990, 18, 6211-6214.	6.5	47
80	A silent regulatory gene cfaD′ on region 1 of the CFA/I plasmid NTP 113 of enterotoxigenic Escherichia coli. Microbial Pathogenesis, 1990, 9, 285-291.	1.3	13
81	Expression of CFA/I fimbriae is positively regulated. Microbial Pathogenesis, 1990, 8, 91-99.	1.3	104
82	Sequence evidence for RNA recombination in field isolates of avian coronavirus infectious bronchitis virus. Vaccine, 1990, 8, 605-608.	1.7	134
83	Molecular analysis of a sphingomyelinase C gene from Leptospira interrogans serovar hardjo. Infection and Immunity, 1990, 58, 2177-2185.	1.0	71
84	Epidemiologic study of Taylorella equigenitalis strains by field inversion gel electrophoresis of genomic restriction endonuclease fragments. Journal of Clinical Microbiology, 1990, 28, 2012-2016.	1.8	30
85	Nucleotide sequence of the gene coding for the peplomer protein (=spike protein) of infectious bronchitis virus, strain D274. Nucleic Acids Research, 1989, 17, 6726-6726.	6.5	23
86	Improvement of the cloning linker of the bacterial expression vector pEX. Nucleic Acids Research, 1989, 17, 8007-8007.	6.5	22
87	Phylogeny of antigenic variants of avian coronavirus IBV. Virology, 1989, 169, 217-221.	1.1	138
88	Antigenicity of the peplomer protein of infectious bronchitis virus. Molecular Immunology, 1989, 26, 7-15.	1.0	82
89	The nucleotide sequence of the first two genes of the CFA/I fimbrial operon of human enterotoxigenic Escherichia coli. Microbial Pathogenesis, 1989, 6, 297-309.	1.3	55
90	Flagellin expression in Campylobacter jejuni is regulated at the transcriptional level. Infection and Immunity, 1989, 57, 1084-1088.	1.0	64

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91	Cloning of a hemolysin gene from Leptospira interrogans serovar hardjo. Infection and Immunity, 1989, 57, 2588-2590.	1.0	32
92	Adhesion of canine and human uropathogenicEscherichia coli andProteus mirabilis strains to canine and human epithelial cells. Current Microbiology, 1988, 17, 333-337.	1.0	22
93	Isolation and characterisation of dog uropathogenic Escherichia coli strains and their fimbriae. Antonie Van Leeuwenhoek, 1988, 54, 149-163.	0.7	48
94	Synthesis of long cDNA from viral RNA template. Gene Analysis Techniques, 1988, 5, 57-61.	1.1	10
95	Molecular Epidemiology of Infectious Bronchitis Virus in The Netherlands. Journal of General Virology, 1987, 68, 343-352.	1.3	89
96	Intracellular RNAs of the Feline Infectious Peritonitis Coronavirus Strain 79-1146. Journal of General Virology, 1987, 68, 995-1002.	1.3	64
97	cDNA Cloning and Sequence Analysis of the Gene Encoding the Peplomer Protein of Feline Infectious Peritonitis Virus. Journal of General Virology, 1987, 68, 2639-2646.	1.3	71
98	Induction of Demyelination by a Temperature-sensitive Mutant of the Coronavirus MHV-A59 is Associated with Restriction of Viral Replication in the Brain. Journal of General Virology, 1987, 68, 703-714.	1.3	18
99	Evidence for a coiled-coil structure in the spike proteins of coronaviruses. Journal of Molecular Biology, 1987, 196, 963-966.	2.0	208
100	Primary structure of the glycoprotein E2 of coronavirus MHV-A59 and identification of the trypsin cleavage site. Virology, 1987, 161, 479-487.	1.1	201
101	Epitopes on the peplomer protein of infectious bronchitis virus strain M41 as defined by monoclonal antibodies. Virology, 1987, 161, 511-519.	1.1	67
102	The nucleotide sequence of the peplomer gene of porcine transmissible gastroenteritis virus (TGEV): comparison with the sequence of the peplomer protein of feline infectious peritonitis virus (FIPV). Virus Research, 1987, 8, 363-371.	1.1	71
103	Characterization of fimbrial subunits from Bordetella species. Microbial Pathogenesis, 1987, 2, 473-484.	1.3	85
104	Fatty acid acylation of viral proteins in murine hepatitis virus-infected cells. Archives of Virology, 1987, 95, 123-128.	0.9	25
105	Intracellular equine arteritis virus (EAV)-specific RNAs contain common sequences. Virology, 1986, 152, 492-496.	1.1	18
106	Predicted membrane topology of the coronavirus protein E1. Biochemistry, 1986, 25, 1335-1339.	1.2	95
107	The peplomer protein sequence of the M41 strain of coronavirus IBV and its comparison with Beaudette strains. Virus Research, 1986, 5, 253-263.	1.1	78
108	Infectious bronchitis virus RNA D encodes three potential translation products. Nucleic Acids Research, 1986, 14, 3144-3144.	6.5	5

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109	The nucleotide sequence of the extreme 5′ end of the avian coronavirus genome; implications for the discontinuous mRNA synthesis. Nucleic Acids Research, 1986, 14, 7806-7806.	6.5	1
110	Characterization and translation of transmissible gastroenteritis virus mRNAs. Journal of Virology, 1986, 57, 1010-1015.	1.5	65
111	Restricted replication of mouse hepatitis virus A59 in primary mouse brain astrocytes correlates with reduced pathogenicity. Journal of Virology, 1986, 58, 426-433.	1.5	13
112	Virus-induced Central Positional Nystagmus in Mice. Acta Oto-Laryngologica, 1985, 100, 172-179.	0.3	2
113	Assembly in vitro of a spanning membrane protein of the endoplasmic reticulum: the E1 glycoprotein of coronavirus mouse hepatitis virus A59 Proceedings of the National Academy of Sciences of the United States of America, 1984, 81, 1421-1425.	3.3	85
114	Transcription Strategy of Coronaviruses: Fusion of Non-Contiguous Sequences During mRNA Synthesis. Advances in Experimental Medicine and Biology, 1984, 173, 173-186.	0.8	17
115	Temperature-sensitive mutants of mouse hepatitis virus strain A59: Isolation, characterization and neuropathogenic properties. Virology, 1983, 125, 393-402.	1.1	55
116	Coronaviridae. Intervirology, 1983, 20, 181-189.	1.2	102
117	Coronavirus mRNA synthesis involves fusion of non-contiguous sequences EMBO Journal, 1983, 2, 1839-1844.	3.5	257
118	Antigenic Comparison of Equine Arteritis Virus (EAV) and Lactic Dehydrogenase Virus (LDV); Binding of Staphylococcal Protein A to the Nucleocapsid Protein of EAV. Zentralblatt Für Veterinänedizin Reihe B, 1983, 30, 297-304.	0.0	20
119	Identification of a cellular receptor for mouse mammary tumor virus and mapping of its gene to chromosome 16. Journal of Virology, 1983, 45, 140-147.	1.5	46
120	Persistent infection of some standard cell lines by lymphocytic choriomeningitis virus: transmission of infection by an intracellular agent. Journal of Virology, 1983, 48, 249-261.	1.5	32
121	Viral proteins and RNAs in BHK cells persistently infected by lymphocytic choriomeningitis virus. Journal of Virology, 1983, 48, 262-270.	1.5	23
122	Equine arteritis virus-infected cells contain six polyadenylated virus-specific RNAs. Virology, 1982, 118, 345-352.	1.1	53
123	Sequence Relationships Between the Genome and the Intracellular RNA Species 1, 3, 6, and 7 of Mouse Hepatitis Virus Strain A59. Journal of Virology, 1982, 42, 432-439.	1.5	65
124	Isolation and identification of virus-specific mRNAs in cells infected with mouse hepatitis virus (MHV-A59). Virology, 1981, 108, 424-434.	1.1	170
125	Translation of three mouse hepatitis virus strain A59 subgenomic RNAs in Xenopus laevis oocytes. Journal of Virology, 1981, 38, 20-26.	1.5	135
126	Synthesis of subgenomic mRNA's of mouse hepatitis virus is initiated independently: evidence from UV transcription mapping. Journal of Virology, 1981, 39, 401-406.	1.5	103

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127	Viral protein synthesis in mouse hepatitis virus strain A59-infected cells: effect of tunicamycin. Journal of Virology, 1981, 40, 350-357.	1.5	167
128	In vitro translation of semliki forest virus 42 S RNA. FEBS Letters, 1979, 108, 292-298.	1.3	19
129	Proliferative capacity of mouse peritoneal macrophages in vitro Journal of Experimental Medicine, 1978, 147, 1253-1266.	4.2	53
130	The structural proteins of equine arteritis virus. Virology, 1976, 73, 200-205.	1.1	53
131	Some Physicochemical Properties of Pike Fry Rhabdovirus RNA. Journal of General Virology, 1975, 29, 133-136.	1.3	8
132	The genome of equine arteritis virus. Virology, 1975, 68, 418-425.	1.1	27
133	Inhibition by fusidic acid of the reaction between puromycin and donor site bound N -acetyl-phenylalanyl-tRNA on yeast ribosomes. FEBS Letters, 1975, 51, 177-179.	1.3	1
134	Requirements for the initiation of polyphenylalanine synthesis by recombined ribosomal subunits from yeast. Molecular Biology Reports, 1974, 1, 321-327.	1.0	2
135	In vitro protein synthesis in yeast. Nucleic Acids and Protein Synthesis, 1973, 294, 517-526.	1.7	10
136	Azide as inhibitor of protein synthesis in yeast protoplasts. FEBS Letters, 1972, 26, 165-168.	1.3	5
137	Isolation of Active Ribosomal Subunits from Yeast. FEBS Journal, 1972, 30, 15-25.	0.2	60
138	Monoclonal antibodies to the exon 18 encoded moiety of NCAM. Journal of Cancer Metastasis and Treatment, 0, 2019, .	0.5	0